

ATG BETTER VALUE.
SMARTER CHOICE.



TECHNICAL CATALOG

ALLIANCE
ENGINEERED TO KEEP YOU AHEAD

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Please visit www.atgtire.com for updated information and details.



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ABOUT US

ALLIANCE TIRE GROUP

With presence in 120 countries across 6 continents Alliance Tire Group (ATG) specializes in the development, manufacturing and sale of Off-Highway Tires. One of the fastest growing Off-Highway Tire companies, ATG has a wide range of offerings for Agricultural, Forestry, Industrial and OTR tires and three world-renowned brands – Alliance, Galaxy and Primex. ATG's purpose is to deliver superior value to the users of their products through their focus on innovation, technology and cost efficient manufacturing and distribution practices.

ATG is a fully owned subsidiary of The Yokohama Rubber Company, Japan.

ALLIANCE

With expertise honed over 75 years, Alliance has over 1000 specialized tires, each product is carefully engineered keeping the latest technology in mind. Alliance helps to maximize profits with its focus on pioneering innovation and technology. It offers the widest range in sizes and patterns so that you have the perfect, most efficient tire for your needs.

Alliance is the market leader in Row Crop and a pioneer in Flotation tires. Alliance also boasts of a very comprehensive lineup of tires for tractors, sprayers and spreaders. It offers the widest range in terms of prices, sizes and patterns, which are available for varied applications like agriculture, industries and construction. Alliance is a popular choice with leading OEMs worldwide.

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BETTER VALUE.
SMARTER CHOICE.

TIRE SELECTOR AS PER APPLICATION

Applications	Pattern	TRA Code	Page No	Applications	Pattern	TRA Code	Page No	
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	313	F-2	136		319	I-1	138	
	316	R-3	157		320	IMP	142	
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	329	R-3	295		542	I-1	153	
	330	R-3	297		543	I-1	155	
	350	R-1	62		A-320 VALUE PLUS	IMP	146	
	357	R-1	48		FarmPRO Imp 327	I-2	147	
	360	R-1W	79,187		Agricultural Loader	344	LS-2	121
	387	R-1	32			370	R-1W	122
	550 MULTIUSE	R-4	33	Articulated Dump Truck	308	G-2/L-2	259	
	AGRIFLEX 354	R-1W	58		326 WIDE GRIP	E-2/G-2/L-2	241	
	AGRIFLEX 363	R-1	61		331	I-3	107	
	AGRIFLEX 372	R-1W	16,72		380	I-3	89	
	AGRIFLEX+ 354	R-1W	57		390	I-2	91	
	AGRIFLEX+ 363	R-1	60		392	HF-1	95	
	AGRIFLEX+ 372	R-1W	15,71		600	E-2/L-2/G-2	256	
	AGRISTAR 365	R-1W	19		606	R-4	235	
	AGRISTAR 365 VF	R-1W	18		608	R-4	238	
	AGRISTAR 370	R-1W	21		650	E-3/G-3/L-3	253	
	AGRISTAR 385	R-1W	26		690	E-3/G-3/L-3	254	
	AS 323	R-1	156		882	I-2	100	
	FarmPRO 303	F-2	135		885	I-3	99	
	FarmPRO 324	R-1	50		318 SUPER GRIP	E-3/L-3	264	
	FarmPro Radial 70 (845)	R-1W	24		382 MPT	I-2	93	
	FarmPRO Radial (842/846)	R-1W	29		398 MPT	I-3	94	
	MULTISTAR 376	R-1W	77		601 MUD & SNOW	R-4	240	
	TracPRO 303	F-2	133		Backhoe Loader	211	F-3	220
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	358	R-1	49	317		R-4	246	
	221	HF-2	125	321		R-4	216	
329	R-3	295	500	R-4		219		
330	R-3	297	533	R-4		213		
347	R-1	46,186	570	R-4		211		
350	R-1	62	580	R-4		210		
356	R-1	193	606	R-4		235		
360	R-1W	79	608	R-4	238			
365	R-1W	188	300 MPT	R-4	250			
370	R-1W	189	550 MULTIUSE	R-4	33			
385	R-1W	191	601 MUD & SNOW	R-4	240			
580	R-4	192	Tough-Trac 325	R-4	218			
550 MULTIUSE	R-4	33	550 MULTIUSE	R-4	33			
AGRIFLEX 354	R-1W	58	Baler	221	HF-2	125		
AGRIFLEX 363	R-1	61		319	I-1	138		
AGRIFLEX 372	R-1W	16,72		328	I-3	112		
AGRIFLEX+ 354	R-1W	57		393	I-2	96		
AGRIFLEX+ 363	R-1	60		542	I-1	153		
AGRIFLEX+ 372	R-1W	15,71		543	I-1	155		
AGRISTAR 365	R-1W	19		882	I-2	100		
AGRISTAR 365 VF	R-1W	18		885	I-3	99		
AGRISTAR 370	R-1W	21		328 VALUE PLUS	I-3	118		
AGRISTAR 375	R-1W	75		A-320 VALUE PLUS	IMP	146		
AGRISTAR 385	R-1W	26	Combine Harvester	360	R-1W	79		
AGRISTAR 378	R-1W	17		570 HARVESTER SPECIAL	R-1	83		
FarmPro Radial 70 (845)	R-1W	24		AGRIFLEX 372	R-1W	16,72		
FarmPRO Radial (842/846)	R-1W	29		AGRIFLEX+ 372	R-1W	15,71		
MULTISTAR 376	R-1W	77		AGRISTAR 365	R-1W	19		
TracPRO 348	R-1	41		AGRISTAR 365 VF	R-1W	18		
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TIRE SELECTOR AS PER APPLICATION

Applications	Pattern	TRA Code	Page No	Applications	Pattern	TRA Code	Page No
Combine Harvester	AGRISTAR 375	R-1W	75	Forklift	210 SUPER TRANSPORT LUG	E-2/L-2	268
	AGRISTAR 375 VF	R-1W	74	Grader	302	E-2/G-2/L-2	261
	AGRISTAR 385	R-1W	26		307	G-2/L-2	263
	AGRISTAR XL 378	R-1W	17		308	G-2/L-2	259
	MULTISTAR 376	R-1W	77		310	E-3/L-3/G-3	267
	YIELD MASTER 349	R-1	82		600	E-2/L-2/G-2	256
			650		E-3/G-3/L-3	253	
			655		G-2/L-2	255	
Compact Loader	225	E-2	288	690	E-3/G-3/L-3	254	
	317	R-4	246	High Speed Mobile Crane	210 SUPER TRANSPORT LUG	E-2/L-2	268
	323	I-3	229		630	E-3	281
	606	R-4	235		636	E-2	282
	624	R-4	290	639	E-2	282	
	608	R-4	238	Industrial Forklift	309	IND-4	273
	601 MUD & SNOW	R-4	240		609	IND-4	276
	326 WIDE GRIP	E-2/G-2/L-2	241	Irrigation	768 IRRIGATION	R-1	52
Tough-Trac 325	R-4	218	Load Haul Dumper		314 MINE SERVICE	L-5S	278
Compactor	329	R-3		295	324	R-1	42
	330	R-3	297	331	I-3	107	
Container Handler	309	IND-4	273	333	R-1W	185	
	609	IND-4	276	342	LS-2	169	
Cultivator	328	I-3	139	347	R-1	46,186	
	328 VALUE PLUS	I-3	141	350	R-1	62	
Dozer	302	E-2/G-2/L-2	261	356	R-1	193	
	308	G-2/L-2	259	357	R-1	48	
	600	E-2/L-2/G-2	256	358	R-1	49	
	606	R-4	235	360	R-1W	79,187	
	650	E-3/G-3/L-3	253	365	R-1W	188	
	690	E-3/G-3/L-3	254	370	R-1W	189	
	318 SUPER GRIP	E-3/L-3	264	387	R-1	32	
				500	R-4	219	
Excavator	224	E-2	290	570	R-4	227	
	225	E-2	288	580	R-4	192	
	331	I-3	291	MFWA	550 MULTIUSE	R-4	33
	344	LS-2	292		570 HARVESTER SPECIAL	R-1	83
	380	I-3	286		AGRIFLEX 354	R-1W	58
	506 DUAL MASTER		287		AGRIFLEX 363	R-1	61
	528 DUAL MASTER		287		AGRIFLEX 372	R-1W	16,72
	624	R-4	290		AGRIFLEX+ 354	R-1W	57
	839	R-4	292		AGRIFLEX+ 363	R-1	60
	390	I-2	285		AGRIFLEX+ 372	R-1W	15,71
	550 MULTIUSE	R-4	33		AGRISTAR 365	R-1W	19
	601 MUD & SNOW	R-4	240		AGRISTAR 365 VF	R-1W	18
Fertilizer Truck	380	I-3	89		AGRISTAR 370	R-1W	21
	885	I-3	99		AGRISTAR 375	R-1W	75
Forest Harvester	328	I-3	177	AGRISTAR 385	R-1W	26	
	331	I-3	178	AS 323	R-1	156	
	333	R-1W	185	FarmPRO 324	R-1	50	
	342	LS-2	169	FarmPro Radial 70 (845)	R-1W	24	
	FORESTAR 343	LS-2	170	FarmPRO Radial (842/846)	R-1W	29	
	FORESTAR 344	LS-2	172	MULTISTAR 376	R-1W	77	
Forestry Trailer	FORESTAR 346	LS-2	174	Plough	328	I-3	139
	331	I-3	178		328 VALUE PLUS	I-3	141
	380	I-3	180	Power Train	636	E-2	282
FORESTAR 344	LS-2	172	639		E-2	282	
Forestry Forwarder	328	I-3	177	Reach Stacker	315 PORT STAR PLUS	IND-4	275
	333	R-1W	185		610	IND-4	276
	342	LS-2	169				
	FORESTAR 343	LS-2	170				
	FORESTAR 344	LS-2	172				
FORESTAR 346	LS-2	174					



BETTER VALUE.
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TIRE SELECTOR AS PER APPLICATION

Applications	Pattern	TRA Code	Page No
Rigid Dump Truck	210 SUPER TRANSPORT LUG	E-2/L-2	268
	310	E-3/L-3/G-3	267
	331	I-3	107
	390	I-2	91
	392	HF-1	95
	570	R-4	227
	606	R-4	235
	608	R-4	238
	882	I-2	100
	318 SUPER GRIP	E-3/L-3	264
Rubber Tired Gantry	382 MPT	I-2	93
	311	IND-4	274
Skidder	318 SUPER GRIP	IND-4	275
	345	LS-2	163
Skidsteer	550 MULTIUSE	R-4	203
	SK-903	R-4	203
	SK-906	R-4	203
Spreader	AGRISTAR 375	R-1W	75
	MULTISTAR 376	R-1W	77
Sprayer	331	I-3	107
	350	R-1	62
	380	I-3	89
	388	I-3	97
	390	I-2	91
	882	I-2	100
	885	I-3	99
	AGRIFLEX 354	R-1W	58
	AGRIFLEX 363	R-1	61
	AGRIFLEX+ 354	R-1W	57
Tanker	AGRIFLEX+ 363	R-1	60
	388	I-3	97
	392	HF-1	95
	393	I-2	96
	AGRISTAR 375	R-1W	75
	MULTISTAR 376	R-1W	77
Telehandler	307	G-2/L-2	263
	317	R-4	246
	323	I-3	229
	570	R-4	227
	580	R-4	225
	608	R-4	238
Terminal Tractor	624	R-4	290
	505	IND-3	273
Trailer	221	HF-2	125
	222	I-1	150
	223	I-1	149
	312	HF-2	126
	319	I-1	138
	320	IMP	142

Applications	Pattern	TRA Code	Page No
Trailer	328	I-3	112
	331	I-3	107
	332	HF-3	128
	351	I-1	152
	380	I-3	89
	381	I-2	101
	388	I-3	97
	390	I-2	91
	392	HF-1	95
	393	I-2	96
	542	I-1	153
	543	I-1	155
	571	I-3	137
	882	I-2	100
	885	I-3	99
	328 VALUE PLUS	I-3	118
	398 MPT	I-3	94
	A-320 VALUE PLUS	IMP	146
	AGRISTAR 375	R-1W	75
	AGRISTAR XL 378	R-1W	17
Utility Tractor	AS 323	R-1	156
	FarmPRO Imp 327	I-2	147
	MULTISTAR 376	R-1W	77
	329	R-3	295
	330	R-3	297
	533	R-4	213
	550 MULTIUSE	R-4	33
	Tough-Trac 325	R-4	218
	317	R-4	246
	533	R-4	248
Utility Tractor 4WD	570	R-1	245
	580	R-4	243
	317	R-4	246
Utility Tractor MFWA	533	R-4	248
	570	R-1	245
	580	R-4	243
Water Sprinkler	318 SUPER GRIP	E-3/L-3	264
	310	E-3/L-3/G-3	267
Wheel Loader	533	R-4	213
	600	E-2/L-2/G-2	256
	650	E-3/G-3/L-3	253
	690	E-3/G-3/L-3	254
	318 SUPER GRIP	E-3/L-3	264
	302	E-2/G-2/L-2	261
	307	G-2/L-2	263
	308	G-2/L-2	259
	326 WIDE GRIP	E-2/G-2/L-2	241
	606	R-4	235
655	G-2/L-2	255	
314 MINE SERVICE	L-5S	278	

AGRICULTURE



Radial Tractor

Tire Patterns by Segments

AGRIFLEX+ 372

TRACTION

ROADABILITY

LOAD CARRYING CAPACITY

SOIL PROTECTION

R-1W

SB
STEEL BELTED

Pg.No.15

AGRIFLEX 372

TRACTION

ROADABILITY

LOAD CARRYING CAPACITY

SOIL PROTECTION

R-1W

SB
STEEL BELTED

Pg.No.16

AGRISTAR XL 378

TRACTION

ROADABILITY

LOAD CARRYING CAPACITY

SOIL PROTECTION

R-1W

Pg.No.17

AGRISTAR 365 VF

TRACTION

ROADABILITY

LOAD CARRYING CAPACITY

SOIL PROTECTION

R-1W

Pg.No.18

AGRISTAR 365

TRACTION

ROADABILITY

LOAD CARRYING CAPACITY

SOIL PROTECTION

R-1W

Pg.No.19

AGRISTAR 370

TRACTION

ROADABILITY

LOAD CARRYING CAPACITY

SOIL PROTECTION

R-1W

Pg.No.21

FarmPRO Radial 70 (845)

TRACTION

ROADABILITY

LOAD CARRYING CAPACITY

SOIL PROTECTION

R-1W

Pg.No.24

AGRISTAR 385

TRACTION

ROADABILITY

LOAD CARRYING CAPACITY

SOIL PROTECTION

R-1W

Pg.No.26

FarmPRO Radial 842 and FarmPRO Radial II 846

TRACTION

ROADABILITY

LOAD CARRYING CAPACITY

SOIL PROTECTION

R-1W

Pg.No.29

387

TRACTION

ROADABILITY

LOAD CARRYING CAPACITY

SOIL PROTECTION

R-1

Pg.No.32

550 MULTIUSE

TRACTION

ROADABILITY

DRIVING COMFORT

LOAD CARRYING CAPACITY

SOIL PROTECTION

R-4

SB
STEEL BELTED

Pg.No.33

Bias Tractor

TracPRO 348

TRACTION

ROADABILITY

FIELD PERFORMANCE

R-1

SC
SPECIAL COMPOUND

Pg.No.41

324

TRACTION

FIELD PERFORMANCE

SOIL PROTECTION

R-1

Pg.No.42

347

TRACTION

FIELD PERFORMANCE

SOIL PROTECTION

R-1

Pg.No.46

357

TRACTION

FIELD PERFORMANCE

SOIL PROTECTION

R-1

Pg.No.48

358

TRACTION

FIELD PERFORMANCE

SOIL PROTECTION

R-1

Pg.No.49

FarmPRO 324

TRACTION

FIELD PERFORMANCE

SOIL PROTECTION

R-1

Pg.No.50

768 IRRIGATION

TRACTION

FIELD PERFORMANCE

SOIL PROTECTION

R-1

Pg.No.52

Row Crop

Tire Patterns by Segments

AGRIFLEX+ 354

ROADABILITY

TRACTION

LOAD CARRYING CAPACITY

SOIL PROTECTION

R-1W D

SB
STEEL BELTED

Pg.No.57

AGRIFLEX 354

ROADABILITY

TRACTION

LOAD CARRYING CAPACITY

SOIL PROTECTION

R-1W D

SB
STEEL BELTED

Pg.No.58

AGRIFLEX+ 363

ROADABILITY

TRACTION

LOAD CARRYING CAPACITY

SOIL PROTECTION

R-1 D

SB
STEEL BELTED

Pg.No.60

AGRIFLEX 363

ROADABILITY

TRACTION

LOAD CARRYING CAPACITY

SOIL PROTECTION

R-1 D

SB
STEEL BELTED

Pg.No.61

350

ROADABILITY

TRACTION

LOAD CARRYING CAPACITY

SOIL PROTECTION

R-1 D

Pg.No.62

Combine Harvester

AGRIFLEX+ 372

ROADABILITY

TRACTION

LOAD CARRYING CAPACITY

SOIL PROTECTION

R-1W D

SB
STEEL BELTED

Pg.No.71

AGRIFLEX 372

ROADABILITY

TRACTION

LOAD CARRYING CAPACITY

SOIL PROTECTION

R-1W D

SB
STEEL BELTED

Pg.No.72

AGRISTAR 375 VF

ROADABILITY

TRACTION

LOAD CARRYING CAPACITY

SOIL PROTECTION

R-1W D

SB
STEEL BELTED

Pg.No.74

AGRISTAR 375

ROADABILITY

TRACTION

LOAD CARRYING CAPACITY

SOIL PROTECTION

R-1W D

SC
SPECIAL COMPOUND

Pg.No.75

MULTISTAR 376

LOAD CARRYING CAPACITY

SOIL PROTECTION

TRACTION

ROADABILITY

R-1W D

SC SB
SPECIAL COMPOUND STEEL BELTED

Pg.No.77

360

ROADABILITY

TRACTION

LOAD CARRYING CAPACITY

SOIL PROTECTION

R-1W A8

SG
STUBBLE GUARD

Pg.No.79

YIELD MASTER 349

LOAD CARRYING CAPACITY

ROADABILITY

TRACTION

SOIL PROTECTION

R-1 A8

Pg.No.82

570 HARVESTER SPECIAL

LOAD CARRYING CAPACITY

ROADABILITY

TRACTION

SOIL PROTECTION

R-1 A8

Pg.No.83

Radial Flotation

380

ROADABILITY

LOAD CARRYING CAPACITY

SOIL PROTECTION

SELF CLEANING

FLOTATION I-3 J

SC AS SB
SPECIAL COMPOUND ALL STEEL STEEL BELTED

Pg.No.89

390

ROADABILITY

TRACTION

LOAD CARRYING CAPACITY

SOIL PROTECTION

SELF CLEANING

FLOTATION I-2 F

SB
STEEL BELTED

Pg.No.91

382 MPT

ROADABILITY

TRACTION

LOAD CARRYING CAPACITY

SOIL PROTECTION

SELF CLEANING

FLOTATION I-2 J

SC AS
SPECIAL COMPOUND ALL STEEL

Pg.No.93

398 MPT

ROADABILITY

TRACTION

LOAD CARRYING CAPACITY

SOIL PROTECTION

SELF CLEANING

FLOTATION I-3 J

AS
ALL STEEL

Pg.No.94

392

ROADABILITY

LOAD CARRYING CAPACITY

SOIL PROTECTION

SELF CLEANING

FLOTATION HF-1 F

C+C AS
OUTSHP RESISTANT COMPOUND ALL STEEL

Pg.No.95

393

ROADABILITY

TRACTION

LOAD CARRYING CAPACITY

SOIL PROTECTION

SELF CLEANING

FLOTATION I-2 B

SB
STEEL BELTED

Pg.No.96

Tire Patterns by Segments

Radial Flotation

388

ROADABILITY

TRACTION

LOAD CARRYING CAPACITY

SOIL PROTECTION

SELF CLEANING

FLOTATION I-3 D

SB STEEL BELTED

Pg.No.97

885

ROADABILITY

SOIL PROTECTION

SELF CLEANING

LOAD CARRYING CAPACITY

FLOTATION I-3 D

SC SB SPECIAL COMPOUND STEEL BELTED

Pg.No.99

882

ROADABILITY

TRACTION

LOAD CARRYING CAPACITY

SOIL PROTECTION

SELF CLEANING

FLOTATION I-2 D

SC SB SPECIAL COMPOUND STEEL BELTED

Pg.No.100

381

ROADABILITY

LOAD CARRYING CAPACITY

SOIL PROTECTION

SELF CLEANING

FLOTATION I-2 D

SB STEEL BELTED

Pg.No.101

Bias Flotation

331

ROADABILITY

TRACTION

SOIL PROTECTION

LOAD CARRYING CAPACITY

FLOTATION I-3 B

Pg.No.107

328

TRACTION

ROADABILITY

SOIL PROTECTION

LOAD CARRYING CAPACITY

FLOTATION I-3 C

Pg.No.112

328 VALUE PLUS

TRACTION

ROADABILITY

SOIL PROTECTION

LOAD CARRYING CAPACITY

FLOTATION I-3 A8

Pg.No.118

Agri - Loader

344

TRACTION

SOIL PROTECTION

LOAD CARRYING CAPACITY

GROUND STABILITY

LS-2 A8

SC SB SPECIAL COMPOUND STEEL BELTED

Pg.No.121

370

TRACTION

SOIL PROTECTION

LOAD CARRYING CAPACITY

GROUND STABILITY

R-1W A8

Pg.No.122

LAWN, GARDEN & TURF

221

TRACTION

SOIL PROTECTION

TIRE LIFE

FLOTATION HF-2 D

SC SPECIAL COMPOUND

Pg.No.125

312

TRACTION

SOIL PROTECTION

TIRE LIFE

FLOTATION HF-2 A8

WRC YEAR RESISTANT COMPOUND

Pg.No.126

322

TRACTION

SOIL PROTECTION

TIRE LIFE

FLOTATION HF-1 B

Pg.No.127

332

TRACTION

SOIL PROTECTION

TIRE LIFE

FLOTATION HF-3 A8

SC SPECIAL COMPOUND

Pg.No.128

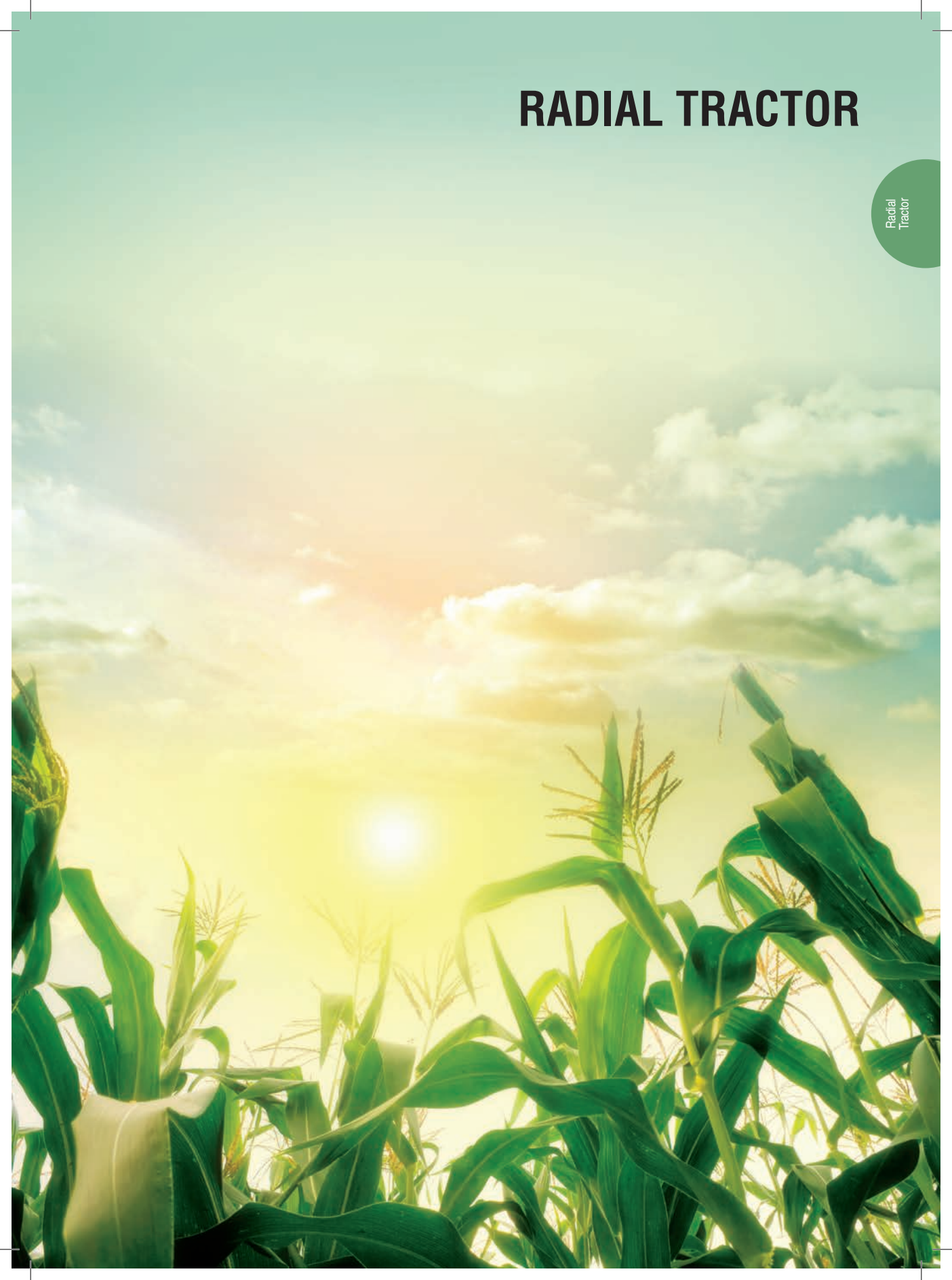
Fronts & Implements

Tire Patterns by Segments

<p>TracPRO 303</p> <p>ROADABILITY (3 Rib) </p> <p>FIELD PERFORMANCE </p> <p>TIRE LIFE </p> <p>ROADABILITY (Multi-Rib) </p> <p>FIELD PERFORMANCE (Multi-Rib) </p> <p>TIRE LIFE (Multi-Rib) </p> <p> </p> <p>F-2 A6</p> <p>Pg.No.133</p>	<p>303</p> <p>ROADABILITY </p> <p>FIELD PERFORMANCE </p> <p>TIRE LIFE </p> <p></p> <p>F-2 A8</p> <p>SC SPECIAL COMPOUND</p> <p>Pg.No.134</p>	<p>FarmPRO 303</p> <p>ROADABILITY </p> <p>FIELD PERFORMANCE </p> <p>TIRE LIFE </p> <p></p> <p>F-2 A8</p> <p>SC SPECIAL COMPOUND</p> <p>Pg.No.135</p>
<p>313</p> <p>ROADABILITY </p> <p>FIELD PERFORMANCE </p> <p>TIRE LIFE </p> <p>LOAD CARRYING CAPACITY </p> <p></p> <p>F-2 A6</p> <p>Pg.No.136</p>	<p>571</p> <p>ROADABILITY </p> <p>LOAD CARRYING CAPACITY </p> <p>SOIL PROTECTION </p> <p></p> <p>IMP E</p> <p>SB STEEL BELTED</p> <p>Pg.No.137</p>	<p>319</p> <p>ROADABILITY </p> <p>LOAD CARRYING CAPACITY </p> <p>SOIL PROTECTION </p> <p></p> <p>I-1 A8</p> <p>Pg.No.138</p>
<p>328</p> <p>ROADABILITY </p> <p>LOAD CARRYING CAPACITY </p> <p>SOIL PROTECTION </p> <p></p> <p>FLOTATION</p> <p>I-3 B</p> <p>Pg.No.139</p>	<p>328 VALUE PLUS</p> <p>ROADABILITY </p> <p>LOAD CARRYING CAPACITY </p> <p>SOIL PROTECTION </p> <p></p> <p>FLOTATION</p> <p>I-3 A8</p> <p>Pg.No.141</p>	<p>320</p> <p>ROADABILITY </p> <p>LOAD CARRYING CAPACITY </p> <p>SOIL PROTECTION </p> <p></p> <p>IMP A8</p> <p>Pg.No.142</p>
<p>A-320 VALUE PLUS</p> <p>ROADABILITY </p> <p>LOAD CARRYING CAPACITY </p> <p>SOIL PROTECTION </p> <p></p> <p>IMP A8</p> <p>Pg.No.146</p>	<p>FarmPRO IMP 327</p> <p>ROADABILITY </p> <p>LOAD CARRYING CAPACITY </p> <p>SOIL PROTECTION </p> <p></p> <p>I-2 A8</p> <p>Pg.No.147</p>	<p>223</p> <p>ROADABILITY </p> <p>LOAD CARRYING CAPACITY </p> <p>SOIL PROTECTION </p> <p></p> <p>I-1 A8</p> <p>Pg.No.149</p>
<p>222</p> <p>ROADABILITY </p> <p>LOAD CARRYING CAPACITY </p> <p>SOIL PROTECTION </p> <p></p> <p>I-1 A8</p> <p>Pg.No.150</p>	<p>351</p> <p>ROADABILITY </p> <p>LOAD CARRYING CAPACITY </p> <p>SOIL PROTECTION </p> <p></p> <p>I-1 A8</p> <p>Pg.No.152</p>	<p>542</p> <p>ROADABILITY </p> <p>LOAD CARRYING CAPACITY </p> <p>SOIL PROTECTION </p> <p></p> <p>I-1 A8</p> <p>Pg.No.153</p>
<p>543</p> <p>ROADABILITY </p> <p>LOAD CARRYING CAPACITY </p> <p>SOIL PROTECTION </p> <p></p> <p>I-1 FI</p> <p>Pg.No.155</p>	<p>AS 323</p> <p>ROADABILITY </p> <p>LOAD CARRYING CAPACITY </p> <p>SOIL PROTECTION </p> <p></p> <p>R-1 A8</p> <p>Pg.No.156</p>	<p>316</p> <p>ROADABILITY </p> <p>LOAD CARRYING CAPACITY </p> <p>SOIL PROTECTION </p> <p></p> <p>R-3 A8</p> <p>Pg.No.157</p>

RADIAL TRACTOR

Radial
Tractor



Pattern Sizes by Segment

Size	L/PR	Agriflex+ 372	Agriflex 372	Agristar XL 378	Agristar 365 VF	Agristar 365	Agristar 370	FarmPro Radial 70 (845)	Agristar 385	FarmPRO Radial (842) and FarmPRO Radial II (846)	387	550 MULTITUSE
200/70R16	94A8/94B						●●●●					
240/70R16	104A8/101 B						●●●●					
250/80R16	123D/126A8											●●●●●●
260/65R16	106A8/103 B						●●●●					
260/70R16	109A8/106 B						●●●●					
280/65R16	110A8/107 B						●●●●					
280/70R16	112A8 /109 B						●●●●					
320/65R16	107A8/107B						●●●●					
280/70R18	114A8/111B						●●●●					
340/65R18*	113A8/110B						●●●●					
340/80R18	138D/143A8											●●●●●●
365/70R18	135B/142A2											●●●●●●
405/70R18	141B/153A2											●●●●●●
11.2R20	**								●●●●			
	111A8 /108B								●●●●			
14.9LR20	119A8										●●	
260/70R20	113A8/110B						●●●●					
280/70R20	116A8 /113B						●●●●					
	116A8/116B							●●●●				
280/85R20	109D /112A8							●●●●				
	112A8/112B									●●●●		
	110A8/107B						●●●●					
300/70R20	120A8/117B						●●●●					
	120A8/120B							●●●●				
	113A8/110B						●●●●					
320/70R20	123A8/120B						●●●●					
	123A8/123B							●●●●				
320/85R20	116D /119A8							●●●●				
	119A8/119B								●●●●			
340/65R20	114A8/111B						●●●●					
	124A8/121B						●●●●					
340/80R20	140D/144A8											●●●●●●
360/70R20	124D/129A8											●●●●●●
	129A8/129B						●●●●					
360/80R20	143D/147A8											●●●●●●
380/70R20	122A8/122B						●●●●					
420/65R20	135D/138A8					●●●●						
250/85R24	109A8/109B									●●●●		
280/85R24	115A8/115B									●●●●		
300/80R24	128D/133A8											●●●●●●
320/70R24	116A8/113 B						●●●●					
	116A8/116B							●●●●				
	119D /122A8							●●●●				
320/85R24	122A8/122B									●●●●		
	142A8/142B									●●●●		

- 2 WD Tractors
- 4 WD Tractors
- MFWA
- Combine Harvester
- Sprayer
- Trailer
- Backhoe
- Excavator
- Utility Tractor

Pattern Sizes by Segment

Size	L/PR	Agriflex+ 372	Agriflex 372	Agristar XL 378	Agristar 365 VF	Agristar 365	Agristar 370	FarmPro Radial 70 (845)	Agristar 385	FarmPRO Radial (842) and FarmPRO Radial II (846)	387	550 MULTITUSE
340/80R24	135D/140A8											●●●●●●
340/85R24	125A8/125B									●●●		
	122D/125A8								●●●●			
360/70R24	122A8/119 B						●●●●					
	122A8/122B							●●●				
360/80R24	138D/143A8											●●●●●●
380/70R24	125A8/122 B						●●●●					
	125A8/125B							●●●				
380/85R24	128D /131A8								●●●●			
	131A8/131B									●●●		
400/80R24	144D/149A8											●●●●●●
420/65R24	151A8/146D											●●●●●●
420/65R24*	126 A8/126 B					●●●●						
420/70R24	130A8/127 B						●●●●					
	130A8/130B							●●●				
420/85R24	134D /137A8								●●●●			
	137A8/137B									●●●		
440/65R24	128D/131A8					●●●●						
	135D					●●●●						
440/80R24	149D/154A8											●●●●●●
460/65R24	151D/156A8											●●●●●●
480/65R24	140D					●●●●						
	146D/151A8											●●●●●●
480/70R24	138A8/135 B						●●●●					
	138A8/138B							●●●				
540/65R24	140D					●●●●						
	146D					●●●●						
	154D/158A8											●●●●●●
620/70R26	153A8/153B					●●●●						
VF 620/70R26	170D	●●●●										
750/70R26	158A8/158B						●●●●					
	172A8/172B						●●●●					
IF 520/80R26*	165A8/		●●●●									
IF 620/70R26*	170D/		●●●●									
19.5LR28	140A8/137 B						●●●●					
	151A8/145 E						●●●●					
250/85R28	112A8/112B								●●●			
280/85R28	118A8/118B								●●●			
320/70R28	119A8/119B							●●●				
320/85R28	124A8/124B								●●●			
340/85R28	127A8/127B								●●●			
360/70R28	125A8/122 B						●●●●					
	125A8/125B							●●●				
380/70R28	127A8 /124 B						●●●●					
	127A8/127B							●●●				

- 2 WD Tractors
- 4 WD Tractors
- MFWA
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- Trailer
- Backhoe
- Excavator
- Utility Tractor



Pattern Sizes by Segment

Size	LI/PR	Agriflex+ 372	Agriflex 372	Agristar XL 378	Agristar 365 VF	Agristar 365	Agristar 370	FarmPro Radial 70 (845)	Agristar 385	FarmPRO Radial (842) and FarmPRO Radial II (846)	387	550 MULTITUSE
380/85R28	130D /133A8								●●●●			
	133A8/133B									●●●		
400/80R28	146D/151A8									●●●		●●●●●●
420/70R28	133A8/130 B						●●●●					
	133A8/133B							●●●				
420/85R28	136D /139A8								●●●●			
	139A8/139B									●●●		
IF 420/85R28	145D/		●●●●●									
440/80R28	151D/156A8											●●●●●●
480/65R28	136D/139A8					●●●●						
	142D/145A8					●●●●						
	149D/154A8											●●●●●●
480/70R28	140A8/137 B						●●●●					
	140A8/140B							●●●				
	151A8/145 E						●●●●					
540/65R28	142D/145A8					●●●●						
	149D/152A8					●●●●						
	155D/160A8											●●●●●●
VF 600/60R28	146D/	●●●●										
600/65R28	147D/150A8					●●●●						
	154 D					●●●●						
VF 600/65R28NRO	163D				●●●●							
600/70R28	161A8 /158B						●●●●					
IF 600/70R28	164D/		●●●●●									
VF 600/70R28	173D/	●●●●										
600/70R28*	161 A8							●●●				
IF 600/65R28*	160D/		●●●●									
VF 600/60R30	147D/	●●●●										
	16.9R30										●●	
19.5LR30	141A8/138 B						●●●●					
	150A8 /144E						●●●●					
	155A8/149E						●●●●					
	157D/154E						●●●●					
380/85R30	135A8/135B								●●●			
420/70R30	134A8/134B						●●●					
420/85R30	137D /140A8							●●●●				
	140A8/140B									●●●		
420/90R30	147A8/147B								●●●			
440/80R30	153D/157A8										●●●●●●	
460/85R30	145A8/145B									●●●		
480/70R30	141A8/138 B						●●●●					
	141A8/141B							●●●				
	150A8/144E							●●●				
	156A8/156B							●●●				

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Pattern Sizes by Segment

Size	LI/PR	Agriflex+ 372	Agriflex 372	Agristar XL 378	Agristar 365 VF	Agristar 365	Agristar 370	FarmPro Radial 70 (845)	Agristar 385	FarmPRO Radial (842) and FarmPRO Radial II (846)	387	550 MULTITUSE
480/80R30	157D/162A8											●●●●●●
520/70R30	145A8/145B							●●●				
540/65R30	143D/146A8					●●●●						
	150D/153A8					●●●●						
	156D/161A8											●●●●●●
600/65R30	149D					●●●●						
	158D					●●●●						
600/70R30	152A8/152 B						●●●●					
	158D/161A8											●●●●●●
IF 600/70R30	159D/		●●●●									
	165D/		●●●●									
VF 600/70R30	170D/	●●●●										
600/70R30*	152A8							●●●				
620/75R30	166D/169A8			●●●								
710/55R30	153D			●●●								
710/60R30	162D/165A8			●●●								
IF 620/75R30*	164D		●●●●									
IF 650/75R30*	166D		●●●●									
320/85R32	126A8/126B									●●●		
	133A8*/133B									●●●		
IF 1250/50R32*	201A8		●●●●									
IF 800/70R32*	182A8		●●●●									
IF 900/60R32*	188D		●●●●									
	193A8		●●●●									
320/85R34*	133A8/B/									●●●		
380/85R34	134D /137A8								●●●●			
	137A8/137B								●●●●	●●●		
420/85R34	139D /142A8								●●●●			
	142A8/142B								●●●●	●●●		
	144D /147A8								●●●●			
440/80R34	155D/159A8											●●●●●●
	144A8 /141B								●●●●			
460/85R34	144D /147A8								●●●●			
	147A8/147B								●●●●	●●●		
	157A8 /154B								●●●●			
	157A8/157B								●●●●	●●●		
480/70R34	143A8 /140 B						●●●●					
	143A8/143B							●●●				
	146A8 /146 B						●●●●					
	155A8 /152 B						●●●●					
480/80R34	159D/164A8											●●●●●●
	148A8/145 B						●●●●					
520/70R34	148A8/148B							●●●				
	168A8/165 B						●●●●					



- 2 WD Tractors
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Pattern Sizes by Segment

Size	LI/PR	Agriflex+ 372	Agriflex 372	Agristar XL 378	Agristar 365 VF	Agristar 365	Agristar 370	FarmPro Radial 70 (845)	Agristar 385	FarmPRO Radial (842) and FarmPRO Radial II (846)	387	550 MULTITUSE
540/65R34	145D/148A8					●●●●						
	152D/155A8					●●●●						
600/65R34	151D/155A8					●●●●						
	157D					●●●●						
600/70R34	160D/163A8			●●●								
710/60R34	164D/167A8			●●●								
IF 650/65R34*	161D	●●●●										
320/85R36	128A8/128B									●●●		
340/85R36	132A8/132B									●●●		
320/85R38	143A8/143B									●●●		
340/85R38	151A8/151B									●●●		
	133A8/133B									●●●		
380/80R38	142A8/142B							●●●●	●●●			
420/85R38	141D/144A8							●●●●	●●●	●●●		
	144A8/144B									●●●		
460/85R38	146D/149A8							●●●●	●●●			
	149A8/149B									●●●		
	153A8/153B									●●●		
	167A8/167B									●●●		
480/70R38	145A8 /142 B						●●●●					
	145A8/145B							●●●				
480/80R38	161D/166A8										●●●●●●	
520/70R38	150A8 /147 B						●●●●					
	150A8/150B							●●●				
520/85R38	152D /155A8							●●●●				
	155A8/155B								●●●			
	166D /169A8							●●●●				
IF 520/85R38	167D	●●●●										
540/65R38	153D					●●●●						
540/80R38	167D/172A8										●●●●●●	
580/70R38	155A8/152 B						●●●●					
	155A8/155B							●●●				
	170A8/167 B						●●●●					
	180A8						●●●●					
600/65R38	153D/155A8					●●●●						
	159D/162A8					●●●●						
	166D/170A8										●●●●●●	
650/65R38	157D/160A8					●●●●						
	163D/166A8					●●●●						
	166D/169A8					●●●●						
	170D/175A8										●●●●●●	
650/75R38	171D/174A8					●●●●						
	169D/172A8			●●●								

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Pattern Sizes by Segment

Size	LI/PPR	Agriflex+ 372	Agriflex 372	Agristar XL 378	Agristar 365 VF	Agristar 365	Agristar 370	FarmPro Radial 70 (845)	Agristar 385	FarmPRO Radial (842) and FarmPRO Radial II (846)	387	550 MULTITUSE
650/85R38	170D /173A8								●●●●			
	177D/181A8											●●●●●●
VF 710/60R38	160D	●●●●										●●●●●●
710/70R38	166A8 /163B						●●●●					
	166D/168A8					●●●●						
	171D/174A8					●●●●						
	172A8 /169B						●●●●					
	172A8/172B							●●●				
710/70R38	178A8 /175B					●●●●						
800/70R38	173A8/173 B					●●●●						
900/55R38	178D/181A8			●●●								
900/60R38	178D/181A8			●●●								
IF 710/85R38*	178D	●●●●										
IF 900/60R38*	184A8	●●●●										
320/80R42	141A8/141B									●●●		
320/90R42	147A8/147B									●●●		
480/80R42	151A8/151B									●●●		
	169A8/169B									●●●		
520/85R42	154D /157A8								●●●●			
	157A8/157B									●●●		
	165D /168A8								●●●●			
520/85R42	169A8/169B									●●●		
	170D/173A8								●●●●			
IF 520/85R42	169D	●●●●										
580/70R42	158A8 /158 B						●●●●					
620/80R42	177D/181A8											●●●●●●
650/65R42	158D/160A8					●●●●						
	170D/173A8					●●●●						
	171D/176A8											●●●●●●
710/70R42	173A8/173 B						●●●●					
	173A8/173B							●●●				
	173D/176A8					●●●●						
	177D/180A8					●●●●						
	177D/181A8					●●●●						●●●●●●
710/70R42	180A8/180B					●●●●					●●●●●●	
IF 710/70R42	179D	●●●●										
710/75R42	175D/178A8			●●●								
900/50R42	168D			●●●								
900/60R42	180D			●●●								
IF 710/75R42*	176D	●●●●										
VF 710/60R42*	161D	●●●●										
320/90R46	148A8/148B									●●●		
380/90R46	165A8/165B									●●●		
420/80R46	151D /154A8								●●●●			
	159D /162A8								●●●●			



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Pattern Sizes by Segment

Size	L/PR	Agriflex+ 372	Agriflex 372	Agristar XL 378	Agristar 365 VF	Agristar 365	Agristar 370	FarmPro Radial 70 (845)	Agristar 385	FarmPRO Radial (842) and FarmPRO Radial II (846)	387	550 MULTITUSE
480/80R46	158A8/158B								● ● ● ●	● ● ●		
520/85R46	158A8 /155 B								● ● ● ●			
	158A8/158B									● ● ●		
IF 710/65R46*	169D/173A8								● ● ● ●			
	183D		● ● ● ●									
480/80R50	159D/162A8								● ● ● ●			
	165D/168A8								● ● ● ●			

- 2 WD Tractors
- MFWA
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- Backhoe
- Utility Tractor
- 4 WD Tractors
- Combine Harvester
- Trailer
- Excavator

AGRIFLEX+ 372 **R-1W** **D**

SPEED



Radial
Tractor



The advanced AGRIFLEX+ 372 Very Improved Flexion (VF) designed with increased sidewall flexibility enables the tire to carry up to 40% more at the same pressure as compared to a standard tractor radial. It offers a significantly large footprint leading to low soil compaction and a comfortable ride for the driver. The larger footprint enables high traction, reduces fuel costs and increases overall operational productivity. The R-1W pattern enables an excellent grip as well as a long tire life on hard surfaces.



SB

STEEL BELTED

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		Speed, km/h (mph)						Not high and sustained torque; Road transport				Cyclic*		CFO*			
		SW	OD					10	15	20	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70	Press.	Load	Load	Load
		mm in	mm in					6	9	12	44	bar psi	10	15	30		
VF 620/70R26	DW21B	626	1485	644	4387	170D	2.4	6430	6000	6000	—	6000	5460	—	—	7980	6660
	DW20B	24.6	58.5	25.4	172.7		35	14160	13220	13220	—	13220	12030	—	—	17580	14670
VF 600/60R28	DW20B	590	1430	620	4159	146D	1	3210	3000	3000	—	3000	2730	1.3	4650	—	—
		23.2	56.3	24.4	163.7		15	7070	6610	6610	—	6610	6010	18	10240	—	—
VF 600/70R28	DW21B	625	1560	681	4570	173D	2.8	6960	6500	6500	—	6500	5920	3.5	10075	—	—
	DW20B	24.6	61.4	26.8	179.9		41	15330	14320	14320	—	14320	13040	51	22190	—	—
VF 600/70R30	DW21B	625	1600	715	4770	170D	2.4	6430	6000	6000	—	6000	5460	3	9300	—	—
	DW20B	24.6	63	28.1	187.8		35	14160	13220	13220	—	13220	12030	44	20480	—	—
VF 600/60R30	DW20B	590	1490	651	4318	147D	1	3290	3075	3075	—	3075	2800	1.3	4766	—	—
		23.2	58.7	25.6	170		15	7250	6770	6770	—	6770	6170	18	10500	—	—
VF 710/60R38	DW25B	710	1815	803	5314	160D	1	4820	4500	4500	—	4500	4100	1.3	6975	—	—
		28	71.5	31.6	209.2		15	10620	9910	9910	—	9910	9030	18	15360	—	—
VF 710/60R42	DW25B	710	1923	850	5676	161D	1	4960	4625	4625	—	4625	4210	1.3	7169	—	—
		28	75.7	33.5	224		15	10930	10190	10190	—	10190	9270	18	15790	—	—

AGRIFLEX 372 R-1W

SPEED



The advanced AGRIFLEX 372 Improved Flexion (IF) designed with increased sidewall flexibility enables the tire to carry up to 20% more load at the same pressure as compared to a standard tractor radial. It offers a significantly large footprint leading to low soil compaction and a comfortable ride for the driver. The larger footprint enables high traction, reduces fuel costs and increases overall operational productivity. The R-1W pattern ensures excellent grip as well as a long tire life on hard surfaces.



SB
STEEL BELTED

Size	Rim	Unloaded dimension		Loaded Static Radius mm in	Rolling Circum RCI SRI mm in	Load Index Speed Symbol	Infl. press bar psi	Recommend load, kg (lbs)									
		Speed, km/h (mph)						Not high and sustained torque; Road transport					Cyclic*		CFO*		
		SW	OD					10	15	20	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70	Press.	Load	Load	Load
		mm in	mm in					6	9	12	psi	10	15	30	19		
IF 520/80R26*						165A8		-----UNDER DEVELOPMENT-----									
IF 620/70R26*						170D		-----UNDER DEVELOPMENT-----									
IF 420/85R28	W15 W14	448 17.6	1437 56.6	636 25	4261 167.8	145D	1.6 23	3630 8000	3240 7140	2970 6540	2900 6390	2640 5810	2 29	4495 9900	-	-	
IF 600/65R28*						160D		-----UNDER DEVELOPMENT-----									
IF 600/70R28	DW21B DW20B	625 24.6	1560 61.4	695 27.4	4597 181	164D	2.4 35	6250 13770	5580 12290	5130 11300	5000 11010	4550 10020	3 44	7750 17070	-	-	
IF 600/70R30	DW20	615 24.2	1610 63.4	720 28.3	4770 187.8	159D 165D	1.6 23 2.4 35	5470 12050 6440 14190	4890 10770 5750 12670	4480 9870 5280 11630	4375 9640 5150 11340	3980 8770 4690 10330	2 29 3 44	6781 14940 7983 17580	-	-	
IF 620/75R30*						164D		-----UNDER DEVELOPMENT-----									
IF 650/75R30*						166D		-----UNDER DEVELOPMENT-----									
IF 800/70R32*						182A8		-----UNDER DEVELOPMENT-----									
IF 900/60R32*						193A8		-----UNDER DEVELOPMENT-----									
						188D		-----UNDER DEVELOPMENT-----									
IF 1250/50R32*						201A8		-----UNDER DEVELOPMENT-----									
IF 650/65R34*						161D		-----UNDER DEVELOPMENT-----									
IF 520/85R38	DW16L	540 21.3	1850 72.8	834 32.8	5482 215.8	167D	2.4 35	6810 15000	6090 13410	5590 12310	5450 12000	4960 10930	3 44	8448 18610	-	-	
IF 710/85R38*						178D		-----UNDER DEVELOPMENT-----									
IF 900/60R38*						184A8		-----UNDER DEVELOPMENT-----									
IF 520/85R42	DW16L DW18L	540 21.3	1955 77	879 34.6	5865 230.9	169D	2.4 35	7250 15970	6480 14270	5950 13110	5800 12780	5280 11630	3 44	8990 19800	-	-	
IF 710/70R42	DW25B	745 29.3	2062 81.2	929 36.6	6114 240.7	179D	2.4 35	9690 21340	8650 19050	7940 17490	7750 17070	7050 15530	3 44	12013 26460	-	-	
IF 710/75R42*						176D		-----UNDER DEVELOPMENT-----									
IF 710/65R46*						183D		-----UNDER DEVELOPMENT-----									

AGRISTAR XL 378 R-1W



Radial
Tractor



The Agristar XL 378 Large Volume series is dedicated for application on High Power Tractors, Combines/Harvesters & Big Trailers. Agristar XL 378 provides very good performance at the price level of standard tires.

Specific tread pattern and tire construction enables use on numerous multipurpose applications. The tread pattern and lugs are designed to enable a comfortable and smooth run on hard surfaces, combined with high traction and excellent self cleaning abilities. Strong textile casing, reinforced by rigid belts guarantee stable tire dimensions, high puncture protection and huge tire to soil contact area.

Long tread life is provided by advanced rubber compound which along with durable sidewalls, contribute to a longer overall tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)										
		SW	OD					Speed, km/h (mph)										
								Not high and sustained torque;							Field operation			
								Road transport							Low Torque		High Tor	
mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	65 40	70 44	10 6	20 12	10 6			
620/75R30	DW20	590	1692	830	5025	166D	3.2	12190	7950	6280	6100	5800	5570	5300	4820	-	-	-
		23.2	66.6	32.7	197.8	169A8	46	26850	17510	13830	13440	12780	11670	10620	-	-	-	
710/55R30	DW23	677	1516	667	4471	153D	1.6	8400	5480	4330	3700	4000	3830	3650	3320	5600	4800	4280
		26.7	59.7	26.3	176	23	18500	12070	9540	8150	8810	8440	8040	7310	12330	10570	9430	
710/60R30	DW23B	705	1616	723	4820	162D	2.4	10930	7130	5630	4820	5200	4990	4750	4320	7280	6240	5560
		27.8	63.6	28.5	189.8	165A8	35	24070	15700	12400	10620	11450	10990	10460	9520	16040	13740	12250
600/70R34	DW20B DW18L W18L	610	1705	770	5035	160D	2.4	10350	6750	5330	4570	4930	4730	4500	4100	6900	5920	5280
		24	67.1	30.3	198.2	163A8	35	22800	14870	11740	10070	10860	10420	9910	9030	15200	13040	11630
710/60R34	DW23B	710	1712	771	5128	164D	2.4	11500	7500	5930	5080	5480	5250	5000	4550	7670	6580	5860
		28	67.4	30.4	201.9	167A8	35	25330	16520	13060	11190	12070	11560	11010	10020	16890	14490	12910
650/75R38	DW23B	671	1930	871	5730	169D	2.4	13340	8700	6870	5890	6350	6090	5800	5280	8890	7620	6790
		26.4	76	34.3	225.6	172A8	35	29380	19160	15130	12970	13990	13410	12780	11630	19580	16780	14960
900/55R38 Steel Belted	DW27 DW28	850	2000	901	6021	178D	2.4	17250	11250	8890	7610	8210	7880	7500	-	11490	9850	8780
		33.5	78.7	35.5	237	181A8	35	38000	24780	19580	16760	18080	17360	16520	-	25310	21700	19340
900/60R38	DW27 DW28	856	2032	912	5975	178D	2.4	17250	11250	8890	7610	8210	7880	7500	6830	11490	9850	8780
		33.7	80	35.9	235.2	181A8	35	38000	24780	19580	16760	18080	17360	16520	15040	25310	21700	19340
710/75R42	DW23B	730	2140	965	6409	175D	2.4	15870	10350	8180	7000	7560	7250	6900	6280	10580	9070	8090
		28.7	84.3	38	252.3	178A8	35	34960	22800	18020	15420	16650	15970	15200	13830	23300	19980	17820
900/50R42	DW28B DW27B	855	1947	861	5770	168D	1.6	12880	8400	6640	6440	6130	5880	5600	5100	8580	7360	6560
		33.7	76.7	33.9	227.2	23	28370	18500	14630	14190	13500	12950	12330	11230	18900	16210	14450	
900/60R42	DW28 DW27 DW30	890	2140	951	6365	180D	2.4	18400	12000	9480	9200	8760	8400	8000	7280	12260	10510	9370
		35	84.3	37.4	250.6	35	40530	26430	20880	20260	19300	18500	17620	16040	27000	23150	20640	

AGRISTAR 365 VF R-1W



The 365 Agristar tread pattern represents the family of modern radial agricultural tires with low aspect ratio. Alliance's VF series provide Very High Flexion (VF). VF technology combined with special construction & advanced compounds provide low soil compaction, extraordinary traction, 40% higher load capacity for the same inflation pressure. Narrow Rim Option (NRO) technology enables to VF tires marked NRO also be fitted on a standard rim.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)						Cyclic*		CFO*	
				Not high and sustained torque; Road transport						Press. bar psi	Load	Load	Load				
		mm in	mm in	10 6	15 9			20 12	25 up to 40 km/h 15 up to 25 mph					25 up to 65 km/h 15 up to 40 mph	70 44	bar psi	10 6
VF 600/65R28 NRO	DW20B W18L DW21B	615 24.2	1495 58.9	648 25.5	4391 172.9	163D	2 29	5220 11500	4875 10740	4875 10740	- -	4875 10740	4440 9780	2.5 36	7560 16650	- -	- -
VF 650/65R42*		-----UNDER DEVELOPMENT-----															

AGRISTAR 365 R-1W



Radial Tractor



The Alliance 365 (High Speed Drive Tractor Radial) tread pattern represents the family of modern radial agricultural tires with low aspect ratio. High tire volumes as well as low inflation pressure, provides high traction capabilities and more soil protection. The optimum number of elastic lugs promises excellent self-cleaning capability. Strong carcass and rigid belts ensure long tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		Speed, km/h (mph)								Field							
		1) Not high and sustained torque; 2) Road transport															
		Non cyclic operation						Cyclic operation									
SW	OD			bar	psi	25	40	50	65	70	bar	10	15				
mm in	mm in	mm in	mm in	mm in	mm in	16	25	31	40	44	psi	6	9				
420/65R20	W13	418	1054	513	3110	135D	2.5	2510	2580	2390	2290	2180	1980	3.1	3710	3380	
		16.5	41.5	20.2	122.4	138A8	35	5530	5680	5260	5040	4800	4360	44	8170	7440	
420/65R24*						126A8*		-----UNDER DEVELOPMENT-----									
440/65R24	W14L W13	447	1192	547.4	3555	128D	1.6	2070	2130	1970	1890	1800	1640	2	3060	2790	
		17.6	46.9	21.6	140	131A8	23	4560	4690	4340	4160	3960	3610	29	6740	6150	
480/65R24	W15L	483	1238	555	3670	140D	2	2880	2960	2740	2630	2500	2280	2.9	4250	3880	
		19	48.7	21.9	144.5	140D	1.6	2880	2960	2740	2630	2500	2280	2	4250	3880	
540/65R24	W16L W18L	540	1312	592	3871	140D	2.3	6340	6520	6040	5790	5510	5020	29	9360	8550	
		21.3	51.7	23.3	152.4	146D	2.4	3450	3560	3290	3150	3000	2730	3	5100	4650	
480/65R28	W15L W14L	477	1335	607.3	3959	142D	2.4	3050	3140	2900	2780	2650	2410	3	4510	4110	
		18.8	52.6	23.9	155.9	145A8	35	6720	6920	6390	6120	5840	5310	44	9930	9050	
540/65R28	W16L W15L W18L	530	1420	639	4184	145A8	2.3	6720	6920	6390	6120	5840	5310	29	9930	9050	
		20.9	55.9	25.2	164.7	149D	2.4	3740	3850	3560	3410	3250	2960	3	5530	5040	
600/65R28	DW20 W18L	594	1484	668.6	4374	152A8	35	8240	8480	7840	7510	7160	6520	44	12180	11100	
		23.4	58.4	26.3	172.2	147D	1.6	3540	3640	3370	3230	3075	2800	2	5230	4770	
						150A8	23	7800	8020	7420	7110	6770	6170	29	11520	10510	
						154 D*		-----UNDER DEVELOPMENT-----									

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								1) Not high and sustained torque; 2) Road transport									
								Non cyclic operation					Cyclic operation				
mm in	mm in	mm in	mm in	mm in	bar psi	Field	25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9			
540/65R30	W16L W18L	560	1486	668	4374	143D	1.6	3130	3230	2980	2860	2725	2480	2	4630	4220	
		22	58.5	26.3	172.2	146A8	23	6890	7110	6560	6300	6000	5460	29	10200	9300	
						150D	2.4	3850	3970	3670	3520	3350	3050	3	5700	5190	
						153A8	35	8480	8740	8080	7750	7380	6720	44	12560	11430	
600/65R30	DW20 W18L	610	1542	697	4554	149D	1.6	3740	3850	3560	3410	3250	2960	2	5530	5040	
		24	60.7	27.4	179.3	23	8240	8480	7840	7510	7160	6520	29	12180	11100		
						158D	2.5	4890	5040	4650	4460	4250	3870	3.1	7230	6590	
						36	10770	11100	10240	9820	9360	8520	45	15930	14520		
540/65R34	W16L W15L W18L	533	1570	717.9	4670	152D	2.4	4080	4210	3890	3730	3550	3230	3	6040	5500	
		21	61.8	28.3	183.9	155A8	35	8990	9270	8570	8220	7820	7110	44	13300	12110	
						145D	1.6	3340	3440	3180	3050	2900	2640	2	4930	4500	
						148A8	23	7360	7580	7000	6720	6390	5810	29	10860	9910	
600/65R34	W18L W16 DW20A	602	1648	739.7	4846	151D	1.6	3970	4090	3780	3620	3450	3140	2	5870	5350	
		23.7	64.9	29.1	190.8	155A8	23	8740	9010	8330	7970	7600	6920	29	12930	11780	
						157D*	-----UNDER DEVELOPMENT-----										
						153D	2.4	4200	4330	4000	3830	3650	3320	3	6210	5660	
540/65R38	W16L W18L	540	1667	770	4989	35	9250	9540	8810	8440	8040	7310	44	13680	12470		
		21.3	65.6	30.3	196.4	153D	1.6	4200	4120	3830	3720	3650	3320	2	6210	5660	
						155A8	23	9250	9070	8440	8190	8040	7310	29	13680	12470	
						159D	2.4	5030	5180	4790	4590	4375	3980	3	7440	6780	
600/65R38	W18L W16 DW20A	594	1748	796	5169	162A8	35	11080	11410	10550	10110	9640	8770	44	16390	14930	
		23.4	68.8	31.3	203.5	157D	1.6	4740	4890	4520	4330	4125	3750	2	7010	6390	
						160A8	23	10440	10770	9960	9540	9090	8260	29	15440	14070	
						163D	2.4	5610	5780	5340	5120	4875	4440	3	8290	7560	
650/65R38	DW20B DW18L	658	1825	826	5485	166A8	35	12360	12730	11760	11280	10740	9780	44	18260	16650	
		25.9	71.9	32.5	215.9	Special	2.5	6100	6280	5800	5570	5300	4820	3.1	9010	8220	
						166D	36	13440	13830	12780	12270	11670	10620	45	19850	18110	
						171D	3.6	7070	7290	6730	6460	6150	5600	4.5	10460	9530	
710/70R38	DW23A W18	728	1950	874.1	5729	174A8	52	15570	16060	14820	14230	13550	12330	65	23040	20990	
		28.7	76.8	34.4	225.6	166D	1.6	6100	5990	5570	5410	5300	4820	2	9010	8220	
						168A8	23	13440	13190	12270	11920	11670	10620	29	19850	18110	
						171D	2.4	7070	7290	6730	6460	6150	5600	3	10460	9530	
650/65R42	DW20A W18	657	1945	882.5	5758	174A8	35	15570	16060	14820	14230	13550	12330	44	23040	20990	
		25.9	76.6	34.7	226.7	158D	1.6	4890	4800	4460	4340	4250	3870	2	7230	6590	
						160A8	23	10770	10570	9820	9560	9360	8520	29	15930	14520	
						170D	3.2	6900	7110	6570	6300	6000	5460	4	10200	9300	
710/70R42 Steel Belted	DW23B	740	2055	936	6178	173A8	46	15200	15660	14470	13880	13220	12030	58	22470	20480	
		29.1	80.9	36.9	243.2	173D	2.4	7480	7700	7120	6830	6500	5920	3	11050	10080	
						176A8	35	16480	16960	15680	15040	14320	13040	44	24340	22200	
						Special	3.2	8400	8650	8000	7670	7300	6640	4	12410	11320	
				177D	46	18500	19050	17620	16890	16080	14630	58	27330	24930			
				180A8													

AGRISTAR 370 R-1W A8

SPEED



Radial Tractor



Agristar 370 is a wide base radial tire developed for modern and high power tractors on heavy duty field and hauling applications. The tire provides high load carrying capacity (about 10%) at the same inflation pressure compared with the standard section size.

Special R1-W traction tread pattern, radial nylon casing, rigid belts, mudguard and unique shoulder design ensure excellent grip and high traction efficiency. The large tire footprint area reduces average ground pressure, minimizing soil compaction and increases flotation abilities. Strong nylon carcass, rigid belts and endure tread rubber compound provide long tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)						Field operation			
								Not high and sustained torque; Road transport						Low Torque			High Tor
								mm in	mm in	mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16
200/70R16	W6	197	686	315	2047	94A8	2.4	1540	1010	740	720	670	670	940	800	720	
		7.8	27	12.4	80.6	94B	35	3390	2220	1630	1590	1480	1480	2070	1760	1590	
240/70R16	W8 W9	245	740	337	2196	104A8	2.4	2070	1350	1000	960	900	820	1260	1080	960	
		9.6	29.1	13.3	86.5	101 B	35	4560	2970	2200	2110	1980	1810	2780	2380	2110	
260/65R16	W9 W8	258	741	342	2217	106A8	2.4	2190	1430	1050	1020	950	860	1330	1140	1020	
		10.2	29.2	13.5	87.3	103 B	35	4820	3150	2310	2250	2090	1890	2930	2510	2250	
260/70R16	W9 W8	258	780	351	2299	109A8	2.4	2370	1550	1140	1100	1030	940	1440	1240	1100	
		10.2	30.7	13.8	90.5	106 B	35	5220	3410	2510	2420	2270	2070	3170	2730	2420	
280/65R16	W9 W8	278	780	362	2343	110A8	2.4	2440	1590	1180	1130	1060	960	1480	1270	1130	
		10.9	30.7	14.3	92.2	107 B	35	5370	3500	2600	2490	2330	2110	3260	2800	2490	
280/70R16	W9	278	804	368	2392	112A8	2.4	2580	1680	1240	1200	1120	1020	1570	1340	1200	
		10.9	31.7	14.5	94.2	109 B	35	5680	3700	2730	2640	2470	2250	3460	2950	2640	
320/65R16	W10 W9 W11	325	835	375	2456	107A8	1.6	2240	1460	1080	1040	975	975	1370	1170	1040	
		12.8	32.9	14.8	96.7	107B	23	4930	3220	2380	2290	2150	2150	3020	2580	2290	
		280/70R18	W8 W10	278	860	390	2544	114A8	2.4	2710	1770	1310	1260	1180	1070	1650	1420
10.9	33.9	15.4		100.2	111B	35	5970	3900	2890	2780	2600	2360	3630	3130	2780		
340/65R18*						113A8 110B		-----UNDER DEVELOPMENT-----									
260/70R20	W9 W8	258	878	402	2612	113A8	2.4	2650	1730	1280	1230	1150	1050	1610	1380	1230	
		10.2	34.6	15.8	102.8	110B	35	5840	3810	2820	2710	2530	2310	3550	3040	2710	
280/70R20	W10 W9	278	912	415	2706	116A8	2.4	2880	1880	1390	1340	1250	1140	1750	1500	1340	
		10.9	35.9	16.3	106.5	113B	35	6340	4140	3060	2950	2750	2510	3850	3300	2950	
300/70R20	W9 W10					110A8	1.6	2440	1590	1180	1130	1060	960	1480	1270	1130	
						107B	23	5370	3500	2600	2490	2330	2110	3260	2800	2490	
		293	956	435	2833	120A8	2.4	3220	2100	1550	1500	1400	1270	1960	1680	1500	
		11.5	37.6	17.1	111.5	117B	35	7090	4630	3410	3300	3080	2800	4320	3700	3300	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)						Field operation		
		mm in	mm in	Not high and sustained torque; Road transport						Low Torque			High Tor			
				Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12	10 6				
320/70R20	W10 W9 W11	325 12.8	986 38.8	445 17.5	2908 114.5	113A8	1.6	2650	1730	1280	1230	1150	1050	1610	1380	1230
						110B	23	5840	3810	2820	2710	2530	2310	3550	3040	2710
						123A8	2.4	3570	2330	1720	1660	1550	1410	2170	1860	1660
						120B	35	7860	5130	3790	3660	3410	3110	4780	4100	3660
						114A8	1.6	2710	1770	1310	1260	1180	1070	1650	1420	1260
340/65R20	W11 W10 W12	345 13.6	955 37.6	431 17	2820 111	111B	23	5970	3900	2890	2780	2600	2360	3630	3130	2780
						124A8	2.4	3680	2400	1780	1710	1600	1460	2240	1920	1710
						121B	35	8110	5290	3920	3770	3520	3220	4930	4230	3770
						129A8	2.4	4260	2780	2050	1980	1850	1850	2590	2220	1980
						129B	35	9380	6120	4520	4360	4080	4080	5700	4890	4360
360/70R20	W11 W10 W12	360 14.2	1042 41	468 18.4	3066 120.7	122A8	1.6	3450	2250	1670	1610	1500	1500	2100	1800	1610
						122B	23	7600	4960	3680	3550	3300	3300	4630	3960	3550
380/70R20	W12 W11	380 15	1082 42.6	484 19.1	3176 125	116A8	1.6	2880	1880	1390	1340	1250	1140	1750	1500	1340
						113 B	23	6340	4140	3060	2950	2750	2510	3850	3300	2950
320/70R24	W10 W9 W11	319 12.6	1098 43.2	500 19.7	3259 128.3	122A8	1.6	3450	2250	1670	1610	1500	1370	2100	1800	1610
						119 B	23	7600	4960	3680	3550	3300	3020	4630	3960	3550
360/70R24	W11 W10 W12	360 14.2	1152 45.4	522 20.6	3407 134.1	125A8	1.6	3800	2480	1830	1770	1650	1500	2310	1980	1770
						122 B	23	8370	5460	4030	3900	3630	3300	5090	4360	3900
380/70R24	W11 W13	380 15	1182 46.5	534 21	3489 137.4	130A8	1.6	4370	2850	2110	2030	1900	1730	2660	2280	2030
						127 B	23	9630	6280	4650	4470	4190	3810	5860	5020	4470
420/70R24	W12 W14L	418 16.5	1238 48.7	553 21.8	3631 143	138A8	1.6	5430	3540	2620	2530	2360	2150	3300	2830	2530
						135 B	23	11960	7800	5770	5570	5200	4740	7270	6230	5570
480/70R24	W15L W14L W16L	479 18.9	1322 52	590 23.2	3873 152.5	153B	2.3	18500	12070	8920	8610	8040	8040	11260	9650	8610
						158B	23	9780	6380	4720	4550	4250	4250	5950	5100	4550
620/70R26	DW20B W18L	625 24.6	1500 59.1	660 26	4440 174.8	172A8	2.4	14490	9450	6990	6740	6300	6300	8820	7560	6740
						172B	35	31920	20810	15400	14850	13880	13880	19430	16650	14850
						158A8	1.6	9780	6380	4720	4550	4250	4250	5950	5100	4550
						158B	23	21540	14050	10400	10020	9360	9360	13110	11230	10020
						172A8	2.4	14490	9450	6990	6740	6300	6300	8820	7560	6740
19.5LR28	W15L W14L W16L	479 18.9	1423 56	569 22.4	3887 153	140A8	1.6	5750	3750	2780	2680	2500	2280	3500	3000	2680
						137 B	23	12670	8260	6120	5900	5510	5020	7710	6610	5900
360/70R28	W11 W10 W12	357 14.1	1255 49.4	573 22.6	3730 146.9	125A8	1.6	3800	2480	1830	1770	1650	1500	2310	1980	1770
						122 B	23	8370	5460	4030	3900	3630	3300	5090	4360	3900
380/70R28	W12	380 15	1283 50.5	584 23	3807 149.9	127A8	1.6	4030	2630	1940	1870	1750	1590	2450	2100	1870
						124 B	23	8880	5790	4270	4120	3850	3500	5400	4630	4120
420/70R28	W13 W12 W14L	418 16.5	1339 52.7	607 23.9	3961 155.9	133A8	1.6	4740	3090	2290	2200	2060	1870	2880	2470	2200
						130 B	23	10440	6810	5040	4850	4540	4120	6340	5440	4850
480/70R28	W15L W14L W16L	479 18.9	1423 56	640 25.2	4190 165	140A8	1.6	5750	3750	2780	2680	2500	2280	3500	3000	2680
						137 B	23	12670	8260	6120	5900	5510	5020	7710	6610	5900
600/70R28	W18L DW20B	592 23.3	1562 61.5	709 27.9	4671 183.9	161A8	2.8	10640	6940	5130	4950	4625	4250	6480	5550	4950
						158B	41	23440	15290	11300	10900	10190	9360	14270	12220	10900
19.5LR30	W15L W14L W16L	479 18.9	1474 58	666 26.2	4351 171.3	141A8	1.6	5920	3860	2860	2760	2575	2340	3610	3090	2760
						138 B	23	13040	8500	6300	6080	5670	5150	7950	6810	6080
480/70R30	W15L W14L W16L	479 18.9	1474 58	674 26.5	4491 176.8	141A8	1.6	5920	3860	2860	2760	2575	2340	3610	3090	2760
						138 B	23	13040	8500	6300	6080	5670	5150	7950	6810	6080
600/70R30	DW20B DW18L W18L	627 24.7	1594 62.8	708 27.9	4715 185.6	152A8	1.6	8170	5330	3940	3800	3550	3550	4970	4260	3800
						152 B	23	18000	11740	8680	8370	7820	7820	10950	9380	8370

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)						Field operation			
								Not high and sustained torque; Road transport						Low Torque			High Tor
								mm in	mm in	mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16
480/70R34	W15L	479	1576	729	4690	143A8	1.6	6270	4090	3020	2920	2725	2480	3820	3270	2920	
		18.9	62	28.7	184.6	140 B	23	13810	9010	6650	6430	6000	5460	8410	7200	6430	
						146A8	2.1	6900	4500	3330	3000	3000	2730	4200	3600	3210	
						146 B	30	15200	9910	7330	6610	6610	6010	9250	7930	7070	
						155A8	2.6	8910	5810	4300	4150	3870	3530	5430	4650	4150	
520/70R34	W16L W18L W18L	516	1632	739	4826	148A8	1.6	7250	4730	3500	3370	3150	2870	4410	3780	3370	
		20.3	64.3	29.1	190	145 B	23	15970	10420	7710	7420	6940	6320	9710	8330	7420	
						168A8	4.4	12880	8400	6220	5990	5600	5100	7840	6720	5990	
						165 B	6.4	28370	18500	13700	13190	12330	11230	17270	14800	13190	
480/70R38	W15L W14L W16L	479	1667	767	4991	145A8	1.6	6670	4350	3220	3100	2900	2640	4060	3480	3100	
		18.9	66	30.2	196.5	142 B	23	14690	9580	7090	6830	6390	5810	8940	7670	6830	
520/70R38	W16L W16A W18L	516	1733	790	5144	150A8	1.6	7710	5030	3720	3580	3350	3050	4690	4020	3580	
		20.3	68.2	31.1	202.5	147 B	23	16980	11080	8190	7890	7380	6720	10330	8850	7890	
580/70R38	W18A	577	1817	816	5343	155A8	1.6	8910	5810	4300	4150	3875	3530	5430	4650	4150	
		22.7	71.5	32.1	210.4	152 B	23	19630	12800	9470	9140	8540	7780	11960	10240	9140	
						Reinforced rim 170A8 167 B	2.8	13800	9000	6660	6420	6000	5460	8400	7200	6420	
						Reinforced rim 180A8	4.6	18400	12000	8880	8560	8000	7280	11200	9600	8560	
						163B	23	40530	26430	19560	18850	17620	16040	24670	21150	18850	
710/70R38 (Des.360)	DW23A	716	1948	877	5739	166A8	1.6	12190	7950	5880	5670	5300	4820	7420	360	5670	
		28.2	76.7	34.5	225.9	172A8	2.1	14490	9450	6990	6740	6300	5730	8820	7560	6740	
						169B	30	31920	20810	15400	14850	13880	12620	19430	16650	14850	
						178A8	2.8	17250	11250	8330	8030	7500	6830	10500	9000	8030	
						175B	41	38000	24780	18350	17690	16520	15040	23130	19820	17690	
800/70R38	DW25B DW23B DW27B	806	2082	929	6101	173A8	1.6	14950	9750	7220	6960	6500	6500	9100	7800	6960	
		31.7	82	36.6	240.2	173 B	23	32930	21480	15900	15330	14320	14320	20040	17180	15330	
580/70R42	W18L	601	1900	864	5632	158A8	1.6	9780	6380	4720	4550	4250	4250	5950	5100	4550	
		23.7	74.8	34	221.7	158 B	23	21540	14050	10400	10020	9360	9360	13110	11230	10020	
710/70R42 (Des.365)	DW23B	740	2055	936	6178	173A8	2.4	14950	9750	7220	6960	6500	6500	9100	7800	6960	
		29.1	80.9	36.9	243.2	173 B	35	32930	21480	15900	15330	14320	14320	20040	17180	15330	
						180A8	3.2	18400	12000	8880	8560	8000	8000	11200	9600	8560	
						180B	46	40530	26430	19560	18850	17620	17620	24670	21150	18850	

370 HIGH SPEED RADIAL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)						Field operation			
								Not high and sustained torque; Road transport						Low Torque			High Tor
								mm in	mm in	mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16
19.5LR28	W15L W14L W16L	479	1423	640	4189	151A8	2.5	4740	3890	3460	3320	3160	2900	4420	3790	3630	
		18.9	56	25.2	164.9	145 E	36	10440	8570	7620	7310	6960	6390	9740	8350	8000	
480/70R28	W15L W14L W16L	479	1423	640	4190	151A8	2.5	4740	3890	3460	3320	3160	2900	4420	3790	3630	
		18.9	56	25.2	165	145 E	36	10440	8570	7620	7310	6960	6390	9740	8350	8000	
19.5LR30 (480/70R30)	W15L W14L W16L					150A8	2.4	4580	3750	3340	3200	3050	2800	4270	3660	3510	
						144E	35	10090	8260	7360	7050	6720	6170	9410	8060	7730	
		479	1474	662	4335	155A8	3.2	5310	4350	3880	3720	3540	3250	4960	4250	4070	
		18.9	58	26.1	170.7	149E	46	11700	9580	8550	8190	7800	7160	10930	9360	8960	
						157D	4	6190	5070	4520	4330	4125	3750	5780	4950	4740	
				154E	58	13630	11170	9960	9540	9090	8260	12730	10900	10440			

FarmPRO Radial 70 (845)



2WD
TRACTOR



4WD
TRACTOR



MFWA



The Alliance FarmPRO '70 series Radial is a highly versatile range that represents the family of modern agricultural radial tires. The multi angle lug design with steep angles at the center enables smooth ride, along with self clearing characteristic. In addition, the shallow angle at shoulder provides superior traction. These tires are characterized by reinforced construction in the bead area and have enhanced bead to bead distance to facilitate perfect fit on the rim. The regular cavity in the tread design ensures a straighter sidewall which enhances the tire's visual appeal.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommended load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
		mm in	mm in					Mixed application						
								Static	10 6	25 16	30 19	40 25	50 30	70 44
280/70R20	W10	278	912	415	2706	116A8	2.4	-	-	-	-	1250	1250	-
	W9	10.9	35.9	16.3	106.5	116B	35	-	-	-	-	2750	2750	-
300/70R20	W9	293	956	435	2833	120A8	2.4	-	-	-	-	1400	1400	-
	W10	11.5	37.6	17.1	111.5	120B	35	-	-	-	-	3080	3080	-
320/70R20	W10	325	986	445	2908	123A8	2.4	-	-	-	-	1550	1550	-
	W9 W11	12.8	38.8	17.5	114.5	123B	35	-	-	-	-	3410	3410	-
320/70R24	W10	319	1094	499	3227	116A8	1.6	-	-	-	-	1250	1250	-
		12.6	43.1	19.6	127	116B	23	-	-	-	-	2750	2750	-
360/70R24	W11	357	1148	522	3387	122A8	1.6	-	-	-	-	1500	1500	-
	W10 W12	14.1	45.2	20.6	133.3	122B	23	-	-	-	-	3300	3300	-
380/70R24	W12	380	1190	538	3511	125A8	1.6	-	-	-	-	1650	1650	-
		15	46.9	21.2	138.2	125B	23	-	-	-	-	3635	3635	-
420/70R24	W13	418	1248	561	3682	130A8	1.6	-	-	-	-	1900	1900	-
	W12 W14L	16.5	49.1	22.1	145	130B	23	-	-	-	-	4190	4190	-
480/70R24	W15L	479	1316	588	3859	138A8	1.6	-	-	-	-	2360	2360	-
		18.9	51.8	23.1	151.9	138B	23	-	-	-	-	5200	5200	-
320/70R28	W10	319	1192	547	3516	119A8	1.6	-	-	-	-	1360	1360	-
		12.6	46.9	21.5	138.4	119B	23	-	-	-	-	3000	3000	-
360/70R28	W11	357	1240	572	3658	125A8	1.6	-	-	-	-	1650	1650	-
		14.1	48.8	22.5	144	125B	23	-	-	-	-	3630	3630	-
380/70R28	W12	380	1293	589	3814	127A8	1.6	-	-	-	-	1750	1750	-
		15	50.9	23.2	150.2	127B	23	-	-	-	-	3850	3850	-

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommended load, kg (lbs)						
		Speed, km/h (mph)												
		Mixed application												
		Static	10 6					25 16	30 19	40 25	50 30	70 44		
mm in	mm in	mm in	mm in	Speed Symbol	bar psi									
420/70R28	W13	418	1349	611	3980	133A8	1.6	-	-	-	-	2060	2060	-
		16.5	53.1	24.1	156.7	133B	23	-	-	-	-	4540	4540	-
480/70R28	W15L	479	1415	640	4174	140A8	1.6	-	-	-	-	2500	2500	2900
		18.9	55.7	25.2	164.3	140B	23	-	-	-	-	5510	5510	6400
						151A8	3.2	-	-	-	-	3450	-	-
						145E	46	-	-	-	-	7600	-	-
600/70R28*					161 A8		-----UNDER DEVELOPMENT-----							
420/70R30	W13	418	1398	636	4124	134A8/134B	1.6	-	-	-	-	2120	2120	-
	W12	16.5	55	25	162.4		23	-	-	-	-	4675	4675	-
480/70R30	W15L					141A8	1.6	-	-	-	-	2575	2575	-
						141B	23	-	-	-	-	5670	5670	-
		479	1478	668	4360	150A8	2.8	-	-	-	-	3350	-	2800
		18.9	58.2	26.3	171.7	144E	41	-	-	-	-	7380	-	6170
						156A8	4	-	-	-	-	4000	4000	-
						156B	58	-	-	-	-	8820	8820	-
520/70R30	W16L	516	1536	691	4531	145A8/145B	1.6	-	-	-	-	2900	2900	-
		20.3	60.5	27.2	178.4		23	-	-	-	-	6395	6395	-
600/70R30*						152A8		-----UNDER DEVELOPMENT-----						
480/70R34	W15L	479	1580	719	4661	143A8	1.6	-	-	-	-	2725	2725	-
		18.9	62.2	28.3	183.5	143B	23	-	-	-	-	6000	6000	-
520/70R34	W16L	516	1640	743	4838	148A8	1.6	-	-	-	-	3150	3150	-
		20.3	64.6	29.3	190.5	148B	23	-	-	-	-	6940	6940	-
480/70R38	W15L	479	1681	770	4959	145A8	1.6	-	-	-	-	2900	2900	-
		18.9	66.2	30.3	195.2	145B	23	-	-	-	-	6390	6390	-
520/70R38	W16L	516	1755	797	5177	150A8	1.6	-	-	-	-	3350	3350	-
		20.3	69.1	31.4	203.8	150B	23	-	-	-	-	7380	7380	-
580/70R38	W18L					155A8	1.6	-	-	-	-	3875	3875	-
		577	1834	829	5556	155B	23	-	-	-	-	8540	8540	-
		22.7	72.2	32.6	213.1	180A8	4.6	18400	12000	8880	8560	8000	-	-
						180B	67	40530	26430	19560	18850	17620	-	-
710/70R38	DW23B	716	1958	880	5768	172A8	2.4	-	-	-	-	6300	6300	-
		28.2	77.1	34.6	227.1	172B	35	-	-	-	-	13560	13560	-
710/70R42	DW23B	716	2061	938	6080	173A8	2.4	-	-	-	-	6500	6500	-
		28.2	81.1	36.9	239.4	173B	35	-	-	-	-	14330	14330	-

AGRISTAR 385 R-1W



Agristar 385 Radial Tire is a part of the 85 series and represents our focus on developing tires that meet the demands of extensive developments in the tractor industry. The tread-pattern is designed with specific lug construction and strength required for modern high HP/ speed tractors. Special focus is given to the flexibility characteristics of the tire. The 385 promises a smooth and comfortable ride. Strong textile casing combined with high quality tread and sidewall rubber compounding ensures better tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Not high and sustained torque;					Field operation				
								Road transport					Low Torque		High Tor		
mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	65 40	10 6	20 12	10 6			
11.2R20	W10	286	994	448	2930	**	1.6	2510	1640	1210	1170	1090	1000	-	1530	1310	1170
	W9	11.3	39.1	17.6	115.4	111A8 108B	23	5530	3610	2670	2580	2400	2200	-	3370	2890	2580
460/85R34	W16L W15L W14L	486 19.1	1653 65.1	749 29.5	4891 192.6	144A8	1.4	6440	4200	3110	3000	2800	2550	-	3920	3360	3000
						141B	20	14190	9250	6850	6610	6170	5620	-	8630	7400	6610
						157A8	2.8	9490	6190	4580	4410	4125	3750	-	5780	4950	4410
						154B	41	20900	13630	10090	9710	9090	8260	-	12730	10900	9710
380/80R38	W12	385	1596	738	4781	142A8	2.4	6100	3980	3260	2840	2650	2650	-	3710	3180	2840
	W13	15.2	62.8	29.1	188.2	142B	35	13440	8770	7180	6260	5840	5840	-	8170	7000	6260
	W11																
480/80R46	DW16L	485	1948	900	5832	158A8	2.4	9780	6380	5230	4550	4250	4250	-	5950	5100	4550
	W16L	19.1	76.7	35.4	229.6	158B	35	21540	14050	11520	10020	9360	9360	-	13110	11230	10020
520/85R46 (Des.375)	DW16	530	2050	941	6114	158A8	1.6	9780	6380	4720	4550	4250	3870	-	5950	5100	4550
	W15 DW18L	20.9	80.7	37	240.7	155 B	23	21540	14050	10400	10020	9360	8520	-	13110	11230	10020

385 HIGH SPEED RADIAL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		Speed, km/h (mph)															
		SW	OD	Not high and sustained torque;						Field operation							
		Road transport						Low Torque			High Tor						
		mm in	mm in	mm in	mm in	Bar psi		Static	10 6	25 16	30 19	40 25	50 31	65 40	10 6	20 12	10 6
280/85R20	W10	286	994	448	2930	109D	1.6	2370	1550	1220	1180	1130	1080	1030	1580	1360	1210
	W9	11.3	39.1	17.6	115.4	112A8	23	5220	3410	2690	2600	2490	2380	2270	3480	3000	2670
320/85R20	W11	325	1044	465	3140	116D	1.6	2880	1880	1480	1440	1370	1310	1250	1920	1640	1470
	W10 W9	12.8	41.1	18.3	123.6	119A8	23	6340	4140	3260	3170	3020	2890	2750	4230	3610	3240
320/85R24	W11	325	1152	524.5	3418	119D	1.6	3130	2040	1610	1560	1490	1430	1360	2090	1790	1590
	W10 W9	12.8	45.4	20.6	134.6	122A8	23	6890	4490	3550	3440	3280	3150	3000	4600	3940	3500
340/85R24	W12	350	1185	538	3509	122D	1.6	3450	2250	1780	1730	1640	1580	1500	2300	1970	1750
	W11	13.8	46.7	21.2	138.1	125A8	23	7600	4960	3920	3810	3610	3480	3300	5070	4340	3850
380/85R24	W12	390	1256	567	3705	128D	1.6	4140	2700	2130	2070	1970	1890	1800	2760	2360	2110
	W13 W11	15.4	49.4	22.3	145.9	131A8	23	9120	5950	4690	4560	4340	4160	3960	6080	5200	4650
420/85R24	W12	440	1329	596	3906	134D	1.6	4880	3180	2510	2440	2320	2230	2120	3250	2780	2480
	W13 W11	17.3	52.3	23.5	153.8	137A8	23	10750	7000	5530	5370	5110	4910	4670	7160	6120	5460
380/85R28	W12	385	1352	617	4016	130D	1.6	4370	2850	2250	2190	2080	2000	1900	2910	2500	2230
	W13 W11	15.2	53.2	24.3	158.1	133A8	23	9630	6280	4960	4820	4580	4410	4190	6410	5510	4910
420/85R28	W15L	450	1435	649	4239	136D	1.6	5150	3360	2650	2580	2450	2350	2240	3430	2940	2620
	W14L W13	17.7	56.5	25.6	166.9	139A8	23	11340	7400	5840	5680	5400	5180	4930	7560	6480	5770
420/85R30	W15L	453	1475	669	4366	137D	1.6	5290	3450	2730	2650	2520	2420	2300	3530	3020	2700
	W14L W13	17.8	58.1	26.3	171.9	140A8	23	11650	7600	6010	5840	5550	5330	5070	7780	6650	5950
380/85R34	W12	390	1520	694	4516	134D	1.6	4880	3180	2510	2440	2320	2230	2120	3250	2780	2480
	W13 W11	15.4	59.8	27.3	177.8	137A8	23	10750	7000	5530	5370	5110	4910	4670	7160	6120	5460
420/85R34						139D	1.6	5590	3650	2880	2790	2660	2550	2430	3720	3190	2850
	W15L	450	1580	713	4696	142A8	23	12310	8040	6340	6150	5860	5620	5350	8190	7030	6280
	W14L W13	17.7	62.2	28.1	184.9	144D	2.1	6440	4200	3320	3220	3070	2940	2800	4300	3680	3280
						147A8	30	14190	9250	7310	7090	6760	6480	6170	9470	8110	7220
460/85R34	W16L	486	1653	749.5	4892	144D	1.6	6440	4200	3320	3220	3070	2940	2800	4300	3680	3280
	W15L W14L	19.1	65.1	29.5	192.6	147A8	23	14190	9250	7310	7090	6760	6480	6170	9470	8110	7220
420/85R38	W15L	446	1670	766	4976	141D	1.6	5920	3860	3050	2960	2820	2700	2575	3950	3380	3020
	W14L W13	17.6	65.7	30.2	195.9	144A8	23	13040	8500	6720	6520	6210	5950	5670	8700	7440	6650
460/85R38	W16L	490	1755	802	5221	146D	1.6	6900	4500	3560	3450	3290	3150	3000	4610	3950	3520
	W15L W14L	19.3	69.1	31.6	205.6	149A8	23	15200	9910	7840	7600	7250	6940	6610	10150	8700	7750
520/85R38						152D	1.6	8170	5330	4210	4080	3890	3730	3550	5450	4670	4160
	DW16L	522	1854	842	5494	155A8	23	18000	11740	9270	8990	8570	8220	7820	12000	10290	9160
	DW18L	20.6	73	33.1	216.3	166D	3.2	12190	7950	6280	6100	5800	5570	5300	8120	6960	6210
650/85R38						169A8	46	26850	17510	13830	13440	12780	12270	11670	17890	15330	13680
	DW23A	700	2052	934	6088	170D	2.4	13800	9000	7110	6900	6570	6300	6000	9200	7880	7030
	DW21A DW20A	27.6	80.8	36.8	239.7	173A8	35	30400	19820	15660	15200	14470	13880	13220	20260	17360	15480
520/85R42 (20.8R42)						154D	1.6	8630	5630	4440	4310	4110	3940	3750	5750	4930	4400
						157A8	23	19010	12400	9780	9490	9050	8680	8260	12670	10860	9690
		538	1956	885	5780	165D	2.8	11850	7730	6100	5920	5640	5410	5150	7900	6770	6030
		21.2	77	34.8	227.6	168A8	41	26100	17030	13440	13040	12420	11920	11340	17400	14910	13280
						170D	3.6	13800	9000	7110	6900	6570	6300	6000	9200	7880	7030
420/80R46						173A8	52	30400	19820	15660	15200	14470	13880	13220	20260	17360	15480
						151D	2.4	7940	5180	4090	3970	3780	3620	3450	5290	4540	4040
	W13 W12 W14	420	1861	857.8	5563	154A8	35	17490	11410	9010	8740	8330	7970	7600	11650	10000	8900
		16.5	73.3	33.8	219	159D	3.2	10060	6560	5180	5030	4790	4590	4375	6710	5750	5130
						162A8	46	22160	14450	11410	11080	10550	10110	9640	14780	12670	11300





BETTER VALUE.
SMARTER CHOICE.

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in	Not high and sustained torque;							Field operation						
				Road transport							Low Torque			High Tor			
		mm in	mm in	mm in	mm in	Bar psi		Static	10 6	25 16	30 19	40 25	50 31	65 40	10 6	20 12	10 6
520/85R46 (Des.375)	DW16	530	2050	941.2	6114	169D	3.2	13340	8700	6870	6670	6440	6090	5800	9020	7730	6890
	W15 DW18L	20.9	80.7	37.1	240.7	173A8	46	29380	19160	15130	14690	14190	13410	12780	19870	17030	15180
480/80R50 Steel Belted	W15L W14L	480	2060	958	6228	159D	2.4	10060	6560	5180	5030	4790	4590	4375	6710	5750	5130
						162A8	35	22160	14450	11410	11080	10550	10110	9640	14780	12670	11300
						165D	3.2	11850	7730	6100	5920	5640	5410	5150	7900	6770	6030
						168A8	46	26100	17030	13440	13040	12420	11920	11340	17400	14910	13280

FarmPRO Radial 842 and FarmPRO Radial II 846



Radial Tractor



FarmPRO '85 series of agricultural radial tires have multi angle lug design with steep angles at the center that enables smooth ride along with self cleaning characteristics. The shallow angle at shoulder provides superior traction. These tires are characterized by reinforced construction in the bead area and have enhanced bead to bead distance to facilitate perfect fit on the rim. The regular cavity in the tread design ensures a straighter sidewall.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommended load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
								Mixed application						
								Static	10 6	25 16	30 19	40 25	50 30	70 44
280/85R20 (Des.842)	W10	288	984	447	2913	112A8	1.6	-	-	-	-	1120	1120	-
	W9	11.3	38.7	17.6	114.7	112B	23	-	-	-	-	2470	2470	-
320/85R20 (Des.842)	W11	319	1045	472	3093	119A8	1.6	-	-	-	-	1360	1360	-
		12.6	41.1	18.6	121.8	119B	23	-	-	-	-	2992	2992	-
250/85R24	W8	246	1036	476	3067	109A8	1.6	-	-	-	-	1030	1030	-
	W7 W9	9.7	40.8	18.7	120.7	109B	23	-	-	-	-	2270	2270	-
280/85R24	W10	270	1086	495	3215	115A8	1.6	-	-	-	-	1215	1215	-
		10.6	42.8	19.5	126.6	115B	23	-	-	-	-	2680	2680	-
320/85R24	W11					122A8	1.6	-	-	-	-	1500	1500	-
						122B	23	-	-	-	-	3305	3305	-
						142A8	4.7	-	-	-	-	2650	2650	-
						142B	67	-	-	-	-	5840	5840	-
340/85R24	W12	356	1181	530	3496	125A8	1.6	-	-	-	-	1650	1650	-
		14	46.5	20.9	137.6	125B	23	-	-	-	-	3640	3640	-
380/85R24	W12	386	1252	557	3706	131A8	1.6	-	-	-	-	1950	1950	-
		15.2	49.3	21.9	145.9	131B	23	-	-	-	-	4300	4300	-
420/85R24	W15L	418	1315	591	3879	137A8	1.6	-	-	-	-	2300	2300	-
		16.5	51.8	23.3	152.7	137B	23	-	-	-	-	5070	5070	-
250/85R28	W8	250	1137	526	3325	112A8	1.6	-	-	-	-	1120	1020	-
		9.8	44.8	20.7	130.9	112B	23	-	-	-	-	2470	2250	-
280/85R28	W9 W10	280	1187	539	3514	118A8	1.6	-	-	-	-	1320	1320	-
		11	46.7	21.2	138.3	118B	23	-	-	-	-	2910	2910	-
320/85R28	W11	325	1246	565	3688	124A8	1.6	-	-	-	-	1600	1600	-
		12.8	49.1	22.2	145.2	124B	23	-	-	-	-	3530	3530	-

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommended load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Mixed application							
								mm in	mm in	mm in	mm in	Speed Symbol	bar psi	Static	10 6
340/85R28	W12	360	1295	580	3833	127A8	1.6	-	-	-	-	-	1750	1750	-
		14.2	51	22.8	150.9	127B	23	-	-	-	-	-	3860	3860	-
380/85R28	W12	380	1352	604	4002	133A8	1.6	-	-	-	-	-	2060	2060	-
		15	53.2	23.8	157.6	133B	23	-	-	-	-	-	4540	4540	-
420/85R28	W15L	418	1420	630	4189	139A8	1.6	-	-	-	-	-	2430	2430	-
		16.5	55.9	24.8	164.9	139B	23	-	-	-	-	-	5355	5355	-
380/85R30	W12	380	1402	630	4136	135A8	1.6	-	-	-	-	-	2180	2180	-
		15	55.2	24.8	162.8	135B	23	-	-	-	-	-	4800	4800	-
420/85R30	W15L	431	1468	658	4331	140A8	1.6	-	-	-	-	-	2500	2500	-
		17	57.8	25.9	170.5	140B	23	-	-	-	-	-	5510	5510	-
420/90R30	DW13	418	1518	684	4478	147A8	2.4	-	-	-	-	-	3075	3075	-
		16.5	59.8	26.9	176.3	147B	35	-	-	-	-	-	6770	6770	-
460/85R30	W16L	475	1530	684	4529	145A8	1.6	-	-	-	-	-	2900	2900	-
		18.7	60.2	26.9	178.3	145B	23	-	-	-	-	-	6395	6395	-
320/85R32	W11	325	1357	625	4017	126A8	1.6	-	-	-	-	-	1700	1700	-
		12.8	53.4	24.6	158.1	126B 133A8* 133B	23	-	-	-	-	-	3750	3750	-
-----UNDER DEVELOPMENT-----															
380/85R34	W12	380	1510	680	4455	137A8	1.6	-	-	-	-	-	2300	2300	-
		15	59.4	26.8	175.4	137B	23	-	-	-	-	-	5070	5070	-
420/85R34	W15L	420	1575	715	4646	142A8	1.6	-	-	-	-	-	2650	2650	-
		16.5	62	28.1	182.9	142B	23	-	-	-	-	-	5840	5840	-
460/85R34	W16L	479	1637	733	4845	147A8	1.6	-	-	-	-	-	3075	3075	-
		18.9	64.4	28.9	190.7	147B	23	-	-	-	-	-	6780	6780	-
320/85R36	W11 W9 W10	325	1458	675	4369	128A8	1.6	-	-	-	-	-	1800	1800	-
		12.8	57.4	26.6	172	128B	23	-	-	-	-	-	3970	3970	-
340/85R36	W12	345	1495	689	4507	132A8	1.6	-	-	-	-	-	2000	2000	-
		13.6	58.9	27.1	177.4	132B	23	-	-	-	-	-	4410	4410	-
320/85R38	W11 W9 W10 Alt.	325	1509	701	4532	143A8	3.6	-	-	-	-	-	2725	2725	-
		12.8	59.4	27.6	178.4	143B	52	-	-	-	-	-	6000	6000	-
340/85R38	W12	345	1543	714	4675	133A8	1.6	-	-	-	-	-	2060	2060	-
		13.6	60.7	28.1	184.1	133B	23	-	-	-	-	-	4540	4540	-
380/80R38	W12	375	1578	728	4721	142A8	2.4	-	-	-	-	-	2650	2650	-
		14.8	62.1	28.7	185.9	142B	35	-	-	-	-	-	5840	5840	-
420/85R38	W15L	415	1680	769	4973	144A8	1.6	-	-	-	-	-	2800	2800	-
		16.3	66.1	30.3	195.8	144B	23	-	-	-	-	-	6170	6170	-
460/85R38	W16L	455	1740	783	5150	149A8	1.6	-	-	-	-	-	3250	3250	-
		17.9	68.5	30.8	202.8	149B	23	-	-	-	-	-	7165	7165	-
520/85R38	DW16L	525	1850	830	5547	153A8	2.4	-	-	-	-	-	3650	3650	-
		20.7	72.8	32.7	218.4	153B	35	-	-	-	-	-	8050	8050	-
320/80R42 (Des.842)	W10	319	1580	739	4676	167A8	4.5	-	-	-	-	-	5450	5450	-
		12.6	62.2	29.1	184.1	167B	64	-	-	-	-	-	12240	12240	-
320/80R42 (Des.842)	W10	319	1580	739	4676	141A8	3.2	-	-	-	-	-	2575	2575	-
		12.6	62.2	29.1	184.1	141B	46	-	-	-	-	-	5670	5670	-

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommended load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
		mm in	mm in					Mixed application						
		mm in	mm in					mm in	mm in	Speed Symbol	bar psi	Static	10 6	25 16
320/90R42 (Des.842)	W10	319	1643	764	4940	147A8	3.6	-	-	-	-	3075	3075	-
		12.6	64.7	30.1	194.5	147B	52	-	-	-	-	6770	6770	-
480/80R42	DW16L	479	1835	841	5413	151A8	1.6	-	-	-	-	3450	3450	-
						151B	23	-	-	-	-	7600	7600	-
		18.9	72.2	33.1	213.1	169A8	4.5	-	-	-	-	5800	5800	-
						169B	64	-	-	-	-	12780	12780	-
520/85R42	DW16L	516	1951	888	5775.5	157A8	1.6	-	-	-	-	4125	4125	-
						157B	23	-	-	-	-	9090	9090	-
		20.3	76.8	35	227.4	169A8	3.4	-	-	-	-	5800	5800	-
						169B	50	-	-	-	-	12785	12785	-
320/90R46 (Des.842)	W10	319	1744	815	5258	148A8	3.6	-	-	-	-	3150	3150	-
		12.6	68.7	32.1	207	148B	52	-	-	-	-	6940	6940	-
380/90R46 (Des.842)	W12	380	1863	860	5495	165A8	4.9	-	-	-	-	5150	5150	-
		15	73.3	33.9	216.3	165B	70	-	-	-	-	11355	11355	-
480/80R46	DW16L	479	1960	880	5782	158A8	2.4	9780	6380	4720	4550	4250	-	-
		18.9	77.2	34.6	227.6	158B	35	21540	14050	10400	10020	9360	-	-
520/85R46	DW16L	516	2052	937	6053	158A8	1.6	-	-	-	-	4250	4250	-
		20.3	80.8	36.9	238.3	158B	23	-	-	-	-	9360	9360	-

387 R-1 **A8**
SPEED



The Alliance 387 Farm Radial is a tire specially developed for environment friendly machines which are designed not to damage soil, grass and plants during operation. This Pattern is suitable for grassland and other sensitive terrain application on utility tractors and small implements used in golf courses, parks and vineyards. The higher void to rubber ratio provides larger effective footprint area and lower soil/grass compaction. The design has better lug continuity, which enables higher comfort on grass surfaces and transport applications. The good overlap of lugs at center increases the effective footprint area and thus decreases ground pressure.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Mixed application								
								mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
14.9LR20	W13	378	1075	481	3156	119A8	1.6	3130	2040	1510	1460	1360	1250	-	-	-
		14.9	42.3	18.9	124.3		23	6890	4490	3330	3220	3000	2750	-	-	-
16.9R30	W15	429	1475	667	4357	137A8	1.6	5290	3450	2550	2460	2300	2110	-	-	-
		16.9	58.1	26.3	171.5		23	11650	7600	5620	5420	5070	4650	-	-	-

550 MULTIUSE

R-4



MFWA



2WD TRACTOR



4WD TRACTOR



UTILITY TRACTOR



EXCAVATOR



BACKHOE

Radial Tractor



550 MULTIUSE pattern is used in agricultural applications because of its versatile tread design. Specific block tread design enables high performances on snow-covered terrains, as well as on sandy terrains. Basic directional lug design, divided by separated blocks, provides a good grip on soft surfaces. In addition, high number of blocks and rubber to void tread ratio, enables long tread wear life and low rolling resistances during transport operation on hard surfaces.

Uniform ground pressure distribution and tread wear are provided by steel belted carcass structure. In addition, steel belts provide the most efficient puncture protection.



SB
STEEL BELTED

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)									
		Speed, km/h (mph)						Constant load									
		SW	OD			Bar psi	Static	10 6	25 16	30 19	40 25	50 31	65 40	10 6	15 9		
		mm in	mm in	mm in	mm in												
250/80R16	W8	270	814	373	2470	123D/126A8	4.4	3910	2130	1850	1790	1700	1620	1550	2890	2640	
	W7	10.6	32	14.7	97.2		64	8610	4690	4070	3940	3740	3570	3410	6370	5810	
	W9																
340/80R18 (12.5/80R18)	W10	343	1002	450	2982	138D	4	6270	3410	2970	2870	2725	2600	2360	4630	4220	
	W11	13.5	39.4	17.7	117.4	143A8	58	13810	7510	6540	6320	6000	5730	5200	10200	9300	
	12																
	W12																
365/70R18	W11																
	W12	355	969	446	2872	135B	3.75	5010	—	2354	2311	2245	2180	—	3050	2510	
	11SDC 12SDC	14	38.1	17.6	113.1	142A2	54	11040	—	5190	5090	4940	4800	—	6720	5530	
405/70R18	W13																
	W12	404	1021	468	3059	141B	3.75	5920	—	2781	2730	2652	2575	—	3610	2960	
	12SDC 13SDC W14L	15.9	40.2	18.4	120.4	153A2	54	13040	—	6130	6010	5840	5670	—	7950	6520	
	12																
340/80R20	W10																
	W11	343	1052	480	3151	140D	4	6440	3500	3050	2950	2800	2670	2500	4760	4340	
	12	13.5	41.4	18.9	124.1	144A8	58	14190	7710	6720	6500	6170	5880	5510	10480	9560	
	W12																



BETTER VALUE.
SMARTER CHOICE.

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)									
		Speed, km/h (mph)										Cyclic Applications					
		Constant load		Cyclic Applications													
		SW mm in	OD mm in			mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	65 40	10 6	15 9
360/70R20	W11	355	1051	472.5	3121	124D	2.4	4260	2310	2020	1950	1850	1770	1600	3150	2870	
	W10	14	41.4	18.6	122.9	129A8	35	9380	5090	4450	4300	4070	3900	3520	6940	6320	
	W12																
360/80R20	DW11	358	1092	491	3265	143D	4	7070	3840	3350	3240	3075	2940	2725	5230	4770	
	W11	14.1	43	19.3	128.5	147A8	58	15570	8460	7380	7140	6770	6480	6000	11520	10510	
	W12																
300/80R24	DW10	295	1092	502	3238	128D	3.2	4740	2580	2250	2170	2060	1970	1800	3500	3190	
	W9	11.6	43	19.8	127.5	133A8	46	10440	5680	4960	4780	4540	4340	3960	7710	7030	
	W11																
340/80R24 (12.5R24)	DW11	343	1154	528	3439	135D	3.2	5750	3130	2730	2640	2500	2390	2180	4250	3880	
	DW12	13.5	45.4	20.8	135.4	140A8	46	12670	6890	6010	5810	5510	5260	4800	9360	8550	
	W10																
360/80R24 (13.6R 24)	DW11	357	1184	537	3554	138D	3.2	6270	3410	2970	2870	2725	2600	2360	4630	4220	
	W11	14.1	46.6	21.1	139.9	143A8	46	13810	7510	6540	6320	6000	5730	5200	10200	9300	
	W12																
400/80R24 (14.9R 24)	DW11	404	1249	559	3703	144D	3.2	7480	4060	3540	3430	3250	3100	2800	5530	5040	
	DW12	15.9	49.2	22	145.8	149A8	46	16480	8940	7800	7560	7160	6830	6170	12180	11100	
	DW14L																
420/65R24	DW13	410	1158	527	3489	151A8	4	7940	4310	3760	3640	3450	3290	3000	5870	5350	
	W12	16.1	45.6	20.7	137.4	146D	58	17490	9490	8280	8020	7600	7250	6610	12930	11780	
	W11																
440/80R24 (16.9R24)	DW14L	441	1314	593	3965	149D	3.2	8630	4690	4090	3960	3750	3580	3250	6380	5810	
	DW15L	17.4	51.7	23.3	156.1	154A8	46	19010	10330	9010	8720	8260	7890	7160	14050	12800	
	W15L																
460/65R24	DW14L	454	1209	547	3597	151D	3.2	9200	5000	4360	4220	4000	3820	3450	6800	6200	
	DW16L	17.9	47.6	21.5	141.6	156A8	46	20260	11010	9600	9300	8810	8410	7600	14980	13660	
	W15L																
480/65R24	DW15L	480	1240	562	3730	146D	3.2	7940	4310	3760	3640	3450	3290	3000	5870	5350	
	DW14L	18.9	48.8	22.1	146.9	151A8	46	17490	9490	8280	8020	7600	7250	6610	12930	11780	
	DW16L																
540/65R24	DW15L	541	1312	592	3953	154D	3.2	9780	5310	4630	4480	4250	4060	3750	7230	6590	
	DW16L	21.3	51.7	23.3	155.6	158A8	46	21540	11700	10200	9870	9360	8940	8260	15930	14520	
	DW18L																
400/80R28 (14.9R 28)	DW13L	404	1352	613	4057	146D	3.2	7940	4310	3760	3640	3450	3290	3000	5870	5350	
	W12	15.9	53.2	24.1	159.7	151A8	46	17490	9490	8280	8020	7600	7250	6610	12930	11780	
	W14L																
440/80R28 (16.9R 28)	DW14L	440	1418	639	4240	151D	3.2	9200	5000	4360	4220	4000	3820	3450	6800	6200	
	DW15L	17.3	55.8	25.2	166.9	156A8	46	20260	11010	9600	9300	8810	8410	7600	14980	13660	
	DW16L																
480/65R28	DW15L	475	1339	607	4020	149D	3.2	8630	4690	4090	3960	3750	3580	3250	6380	5810	
	DW14L	18.7	52.7	23.9	158.3	154A8	46	19010	10330	9010	8720	8260	7890	7160	14050	12800	
	DW16L																

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in	Constant load								Cyclic Applications					
				mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	65 40	10 6	15 9		
540/65R28	DW18L	550	1412	649	4266	155D	3.2	10350	5630	4910	4750	4500	4300	3875	7650	6980	
	DW16L	21.7	55.6	25.6	168	160A8	46	22800	12400	10810	10460	9910	9470	8540	16850	15370	
440/80R30 (16.9R 30)	DW14L	434	1468	666	4436	153D	3.2	9490	5160	4500	4350	4125	3940	3650	7010	6390	
	DW15L DW16L	17.1 17.1	57.8 57.8	26.2 26.2	174.6 174.6	157A8	46	20900	11370	9910	9580	9090	8680	8040	15440	14070	
480/80R30 (18.4R 30)	DW15L	470	1531	695	4615	157D	3.2	10930	5940	5180	5010	4750	4540	4125	8080	7360	
	DW16L DW18L	18.5 18.5	60.3 60.3	27.4 27.4	181.7 181.7	162A8	46	24070	13080	11410	11040	10460	10000	9090	17800	16210	
540/65R30	DW18L	545	1461	666	4402	156D	3.2	10640	5780	5040	4880	4625	4420	4000	7860	7170	
	DW16L	21.5	57.5	26.2	173.3	161A8	46	23440	12730	11100	10750	10190	9740	8810	17310	15790	
600/70R30	DW20	611	1602	727	4792	158D	2.4	10640	5780	5040	4880	4625	4420	4250	7860	7170	
	DW18L	24.1	63.1	28.6	188.7	161A8	35	23440	12730	11100	10750	10190	9740	9360	17310	15790	
	W18L																
440/80R34 (16.9R 34)	DW14L	441	1568	718	4737	155D	3.2	10060	5470	4770	4620	4375	4180	3875	7440	6780	
	DW15L DW16L	17.4 17.4	61.7 61.7	28.3 28.3	186.5 186.5	159A8	46	22160	12050	10510	10180	9640	9210	8540	16390	14930	
480/80R34 (18.4R 34)	DW15L	479	1629	739	4891	159D	3.2	11500	6250	5450	5280	5000	4780	4375	8500	7750	
	DW13L DW14L	18.9 18.9	64.1 64.1	29.1 29.1	192.6 192.6	164A8	46	25330	13770	12000	11630	11010	10530	9640	18720	17070	
	W15L																
480/80R38 (18.4R 38)	W15L	479	1728	786	5196	161D	3.2	12190	6630	5780	5590	5300	5060	4625	9010	8220	
	DW16A	18.9	68	30.9	204.6	166A8	46	26850	14600	12730	12310	11670	11150	10190	19850	18110	
540/80R38 (20.8R 38)	DW18L	546	1824	832	5497	167D	3.2	14490	7880	6870	6650	6300	6020	5450	10710	9770	
	DW16L	21.5	71.8	32.8	216.4	172A8	46	31920	17360	15130	14650	13880	13260	12000	23590	21520	
600/65R38	DW18L	593	1749	793	5270	166D	3.2	13800	7500	6540	6330	6000	5730	5300	10200	9300	
	DW20B	23.3	68.9	31.2	207.5	170A8	46	30400	16520	14410	13940	13220	12620	11670	22470	20480	
650/65R38	DW20B	645	1814	818	5450	170D	3.2	15870	8630	7520	7280	6900	6590	6000	11730	10700	
	DW18L	25.4	71.4	32.2	214.6	175A8	46	34960	19010	16560	16040	15200	14520	13220	25840	23570	
	DW23B																
650/85R38	DW23B	673	2067	913	6230	177D	2.4	18980	10310	8990	8700	8250	7880	7300	14030	12790	
	DW21B DW20A	26.5 26.5	81.4 81.4	35.9 35.9	245.3 245.3	181A8	35	41810	22710	19800	19160	18170	17360	16080	30900	28170	
620/80R42	DW20B	644	2055	948	6170	177D	3.2	18980	10310	8990	8700	8250	7880	7300	14030	12790	
	DW20A	25.4	80.9	37.3	242.9	181A8	46	41810	22710	19800	19160	18170	17360	16080	30900	28170	
650/65R42	DW20A	638	1915	858	5795	171D	3.2	16330	8880	7740	7490	7100	6780	6150	12070	11010	
	DW18L	25.1	75.4	33.8	228.1	176A8	46	35970	19560	17050	16500	15640	14930	13550	26590	24250	
710/70R42	DW23B	716	2053	939	6187	177D	2.8	18980	10310	8990	8700	8250	7880	7300	14030	12790	
	DW20A	28.2	80.8	37	243.6	181A8	41	41810	22710	19800	19160	18170	17360	16080	30900	28170	

Radial
Tractor

BIAS TRACTOR

Bias
Tractor



Pattern Sizes by Segment

Size	LI	324 FARMPRO	324	347	348 TracPRO	357	358	358	768
6.50/80-12	6PR		●●						
6.50/80-15	6PR		●●						
195/65-15	8PR								●
6.50-16	6PR		●●						
	8PR		●●						
7.50-16	4PR		●●						
	8PR		●●						
8.25-16	6PR		●●						
	8PR		●●						
13.50-16.1SL	10PR								
7.00-18	4PR		●●						
	6PR		●●						
9.5-20	6PR	●●	●●						
	6PR		●●						
9.5-22	8PR		●●						
	10PR		●●						
8.3-24	6PR		●●						
	8PR	●●	●●						
9.5-24	10PR		●●						
	6PR		●●						
8PR	8PR	●●	●●						
	6PR		●●						●
11.2-24	8PR	●●	●●						
	10PR		●●						
12.4-24	12PR		●●			●●			
	6PR		●●						
8PR	8PR	●●	●●			●●			
	13.6-24	8PR	●●						
12PR	12PR						●●		
	14.9-24	6PR	●●						●
8PR	8PR	●●	●●				●●		●
	10PR		●●						
15.5/80-24	12PR		●●						
	16PR		●●						
16.5/85-24	12PR						●●	●	
	14PR						●●	●	
16.9-24	6PR								
	8PR	●●					●●		
10PR	10PR		●●						
	12PR	●●	●●						
18.4-26	6PR		●●						
	8PR		●●						
10PR	10PR								
	12PR			●●					
14PR	14PR			●●					
	16PR			●●					
28L-26	16PR								

● 2 WD Tractors

● MFWA

● Irrigation

Pattern Sizes by Segment

Size	LI	324 FARMPRO	324	347	348 TracPRO	357	358	358	768
8.3-28	6PR		●●						
	8PR		●●						
11.2-28	8PR	●●	●●						
12.4-28	12PR		●●		●●				
	8PR	●●	●●						
13.6-28	12PR		●●		●●				
	4PR								
	6PR		●●			●●			
14.9-28	8PR	●●	●●						
	12PR		●●		●●				
	6PR		●●				●●		
16.5/85-28	8PR	●●	●●						
	12PR		●●						
16.9-28	10PR		●●						
	12PR		●●		●●				
	6PR		●●						
18.4-28	8PR	●●	●●						
	6PR								
14.9-30	6PR		●●						
	8PR		●●						
16.9-30	12PR		●●		●●				
	14PR		●●						
	6PR		●●						
18.4-30	8PR	●●	●●						
	10PR		●●						
	12PR		●●		●●				
	14PR		●●		●●				
23.1-30	16PR		●●						
	8PR	●●	●●						
9.5-32	12PR			●●					
	14PR			●●					
	8PR			●●					
12.4-32	6PR		●●						
	8PR		●●						
24.5-32	10PR			●●					
	12PR			●●					
16.9/14-34	10PR		●●						
	14PR		●●						
	6PR		●●						
16.9-34	8PR		●●						
	8PR	●●	●●						
18.4-34	10PR		●●						
	14PR		●●						
	6PR		●●						
	8PR	●●	●●						

● 2 WD Tractors ● MFWA ● Irrigation

Bias Tractor



BETTER VALUE.
SMARTER CHOICE.

Pattern Sizes by Segment

Size	LI	324 FARMPRO	324	347	348 TracPRO	357	358	358	768
23.1-34	10PR			●●					
	12PR			●●					
	8PR			●●					
9.5-36	14PR		●●						
	6PR		●●						
12.4-36	10PR		●●			●●			
	6PR		●●						
	8PR	●●							
13.6-36	6PR			●●					
	8PR								
11.2-38	4PR								●
	6PR								●
12.4-38	6PR								
13.6-38	6PR								
	8PR					●●			
14.00-38	8PR					●●			
14.9-38	8PR								
15.5-38	10PR						●●		
	6PR						●●		
	8PR	●●				●●	●●		
16.9-38	6PR			●●					
	8PR	●●		●●					
18.4-38	10PR			●●					
	14PR			●●					
	6PR					●●			
	8PR	●●		●●		●●			
20.8-38	14PR			●●					
	8PR			●●					
270/95-38	4PR		●●						

● 2 WD Tractors

● MFWA

● Irrigation

TracPRO 348 R-1 A6

SPEED



TracPRO 348 has a modern curved design developed mainly for the heavy duty agricultural segment. The multi angled lug design enables smooth riding on the road and displays excellent traction during field operations. The special stepped surfaces between lugs enable the tire to have excellent self cleaning characteristics. The special tread compound provides protection against cuts and cracks.

Bias Tractor



Sizes	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
								Mixed application					
		mm in	Mm In					mm in	10 6	20 12	25 16	30 19	40 25
12.4-28	W11	315	1260	593	3776	12	2.5	3800	2480	2030	—	1770	1650
		12.4	49.6	23.3	148.6	36	8370	5460	4470	—	3900	3630	
13.6-28	W12	347	1320	620	3885	12	2.3	4140	2700	2220	—	1930	1800
		13.6	51.9	24.4	152.9	33	9120	5950	4890	—	4250	3960	
14.9-28	W13	378	1365	620	4036	12	2.3	4880	2970	2540	2270	2120	1910
		14.8	53.7	24.4	158.8	134A6	33	10750	6540	5590	5000	4670	4210
16.9-28	W15L	429	1435	645	4225	12	2.4	6270	3820	3270	2920	2725	2450
		16.8	56.4	25.3	166.3	143A6	35	13810	8410	7200	6430	6000	5400
16.9-30	W15L	429	1485	667	4370	12	2.4	6440	3920	3360	3000	2800	2520
		16.8	58.4	26.2	172	144A6	35	14190	8630	7400	6610	6170	5550
18.4-30	W16L	465	1550	694	4545	12	2.3	7480	4550	3900	3480	3250	2930
		149A6	33	16480	10020	8590	7670	7160	6450				
18.4-30						14	-----UNDER DEVELOPMENT-----						

324

R-1

A8

SPEED



2WD
TRACTOR

MFWA



Alliance 324 drive wheel is a heavy duty tractor tire for all types of heavy services. The 45 degree self-cleaning deep lugs are especially designed to provide high traction and long life under hard working conditions, including on-the-road service. A strong nylon carcass ensures full power transmission, as well as good resistance to mechanical failures and moisture deterioration. The tires are available with steel breakers.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)						Field operation		
								Not high and sustained torque; Road transport						Low Torque		
		mm in	mm in					mm in	10 6	20 12	30 19	40 25	50 31	10 6	20 12	10 6
9.5-22	W8 W7	241 9.5	996 39.2	468 18.4	3013 118.6	6	2.2	2070	1350	1110	960	900	820	1260	1080	960
						101A8	32	4560	2970	2440	2110	1980	1810	2780	2380	2110
						8	2.7	2190	1430	1170	1020	950	-	1330	1140	-
11.2-24	W10 W10H W9	284 11.2	1105 43.5	512 20.2	3314 130.5	6	1.8	2440	1590	1300	1130	1060	960	1480	1270	1130
						110A8	26	5370	3500	2860	2490	2330	2110	3260	2800	2490
						106A8	39	4820	3150	2580	2250	2090	-	2930	2510	-
12.4-24	W11 W10 W10H	315 12.4	1160 45.7	533 21	3461 136.3	6	1.7	2790	1820	1490	1300	1215	1110	1700	1460	1300
						115A8	25	6150	4010	3280	2860	2680	2440	3740	3220	2860
						10	2.9	3820	2490	2040	1780	1660	1510	2320	1990	1780
						125A8	42	8410	5480	4490	3920	3660	3330	5110	4380	3920
						12	3.5	4255	2775	2275	1980	1850	1685	-	-	-
14.9-24	W13 W12 W9	378 14.9	1265 49.8	574 22.6	3745 147.4	6	1.4	3570	2330	1910	1660	1550	1410	2170	1860	1660
						123A8	20	7860	5130	4210	3660	3410	3110	4780	4100	3660
						6	2.4	1840	1200	980	860	800	730	1120	960	860
8.3-24	W7 W6	211 8.3	995 39.2	470 18.5	3020 118.9	100A8	35	4050	2640	2160	1890	1760	1610	2470	2110	1890
						10	3.8	2415	1575	1290	1125	1050	955	1470	1260	1120
						111A8	55	5325	3470	2845	2480	2315	2105	3240	2780	2470
9.5-24	W8 W8H W7	241 9.5	1050 41.3	493 19.4	3175 125	6	2.1	2190	1430	1170	1020	950	860	1330	1140	1020
						106A8	30	4820	3150	2580	2250	2090	1890	2930	2510	2250
						10	3.5	2960	1930	1580	1370	1285	1170	1800	1540	1370
						117A8	51	6520	4250	3480	3020	2830	2580	3960	3390	3020

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)						Field operation		
		mm in	mm in	Not high and sustained torque; Road transport						Low Torque			High Tor			
				Static	10 6	20 12	30 19	40 25	50 31	10 6	20 12	10 6				
18.4-26	W16L DW16 W15L	467 18.4	1450 57.1	646 25.4	4244 167.1	6	1.1	4600	3000	2460	2140	2000	1820	2800	2400	2140
						132A8	16	10130	6610	5420	4710	4410	4010	6170	5290	4710
						12	2.3	6900	4500	3690	3210	3000	2730	4200	3600	3210
12.4-28	W11L W10H	315 12.4	1260 49.6	583 23	3776 148.7	12	2.5	3795	2475	2030	1765	1650	1500	-	-	-
						125A8	36	8365	5455	4475	3890	3635	3305	-	-	-
						12	3	4880	3180	2350	2270	2120	1910	2970	2540	2270
13.6-28	W12 W11	345 13.6	1310 51.6	596 23.5	3885 153	12	3	4880	3180	2350	2270	2120	1910	2970	2540	2270
						134A8	44	10750	7000	5180	5000	4670	4210	6540	5590	5000
14.9-28	W13 W10H	378 14.9	1365 53.7	618 24.3	4036 158.9	6	1.8	4370	2850	2340	2030	1900	1730	2660	2280	2030
						125A8	26	9630	6280	5150	4470	4190	3810	5860	5020	4470
						12	2.6	5430	3540	2620	2530	2360	2120	3300	2830	2530
16.9-28	W15L W14L	429 16.9	1435 56.5	645 25.4	4223 166.3	6	1.3	4260	2780	2280	1980	1850	1680	2590	2220	1980
						129A8	19	9380	6120	5020	4360	4070	3700	5700	4890	4360
						10	2	5590	3650	2990	2600	2430	2210	3400	2920	2600
						139A8	29	12310	8040	6590	5730	5350	4870	7490	6430	5730
						12	2.4	6270	4090	3350	2920	2725	2480	3820	3270	2920
8.3-28	W7 W6	211 8.3	1095 43.1	521 20.5	3338 131.4	6	2.4	2010	1310	1080	940	875	800	1230	1050	940
						103A8	35	4430	2890	2380	2070	1930	1760	2710	2310	2070
						8	3.2	2380	1550	1270	1110	1035	940	1450	1240	1110
14.9-30	W13 W12	378 14.9	1415 55.7	660 26	4261 167.8	6	1.4	3910	2550	2090	1820	1700	1550	2380	2040	1820
						126A8	20	8610	5620	4600	4010	3740	3410	5240	4490	4010
						8	1.8	4600	3000	2460	2140	2000	1820	2800	2400	2140
16.9-30	W15L W14L DW14	429 16.9	1485 58.5	667 26.3	4369 172	12	2.5	6580	4290	3520	3060	2860	2600	4000	3430	3060
						144A8	36	14490	9450	7750	6740	6300	5730	8810	7560	6740
						14	2.9	7250	4730	3870	3370	3150	2870	4410	3780	3370
						148A8	42	15970	10420	8520	7420	6940	6320	9710	8330	7420
						12	2.3	7480	4880	4000	3480	3250	2960	4550	3900	3480
18.4-30	W16L DW16 DW15L	467 18.4	1550 61	693 27.3	4546 179	14	2.7	8170	5330	4370	3800	3550	3230	4970	4260	3800
						152A8	39	18000	11740	9630	8370	7820	7110	10950	9380	8370
						16	3.1	8900	5810	4760	4140	3870	3520	5420	4640	4140
						155A8	45	19600	12800	10480	9120	8520	7750	11940	10220	9120
						6	1.6	3130	2040	1670	1460	1360	1240	1900	1630	1460
12.4-32	W11L W10 W10H	315 12.4	1360 53.5	633 24.9	4090 161	119A8	23	6890	4490	3680	3220	3000	2730	4190	3590	3220
						8	2.2	3800	2480	2030	1770	1650	1500	2310	1980	1770
						125A8	32	8370	5460	4470	3900	3630	3300	5090	4360	3900
9.5-32	W8 W7	241 9.5	1251 49.3	500 19.7	3416 134.5	6	2.1	2190	1430	1170	1020	950	860	1330	1140	1020
						106A8	30	4820	3150	2580	2250	2090	1890	2930	2510	2250
16.9/14-34	W15 DW14	429 16.9	1585 62.4	725 28.5	4716 185.7	6	1.3	4740	3090	2530	2200	2060	1870	2880	2470	2200
						133A8	19	10440	6810	5570	4850	4540	4120	6340	5440	4850
						10	2	6100	3980	3260	2840	2650	2410	3710	3180	2840
						142A8	29	13440	8770	7180	6260	5840	5310	8170	7000	6260
						14	2.8	7480	4880	4000	3480	3250	2960	4550	3900	3480
18.4-34	W16L DW16 W15L	467 18.4	1650 65	748 29.4	4882 192.2	10	1.8	6900	4500	3690	3210	3000	2730	4200	3600	3210
						146A8	26	15200	9910	8130	7070	6610	6010	9250	7930	7070
						14	2.5	8400	5480	4490	3910	3650	3320	5110	4380	3910
						153A8	36	18500	12070	9890	8610	8040	7310	11260	9650	8610

Bias Tractor

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)													
		SW	OD					Speed, km/h (mph)													
								Not high and sustained torque; Road transport							Field operation						
								Static					10 6		20 12		30 19		40 25		50 31
mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in		
9.5-36	W8 W7	241	1353	590	3906	6	2.1	2370	1550	1270	1100	1030	940	1440	1240	1100					
		9.5	53.3	23.2	153.8	109A8	30	5220	3410	2800	2420	2270	2070	3170	2730	2420					
						14	5	4740	3090	2530	2200	2060	1870	2880	2470	2200					
						133A8	73	10440	6810	5570	4850	4540	4120	6340	5440	4850					
12.4-36	W11L W10 W10H	315	1465	682	4407	6	1.7	3340	2180	1780	1550	1450	1320	2030	1740	1550					
		12.4	57.7	26.9	173.5	121A8	25	7360	4800	3920	3410	3190	2910	4470	3830	3410					
						10	2.8	4490	2930	2400	2090	1950	1770	2730	2340	2090					
						131A8	41	9890	6450	5290	4600	4300	3900	6010	5150	4600					
270/95-38 (Des.350) Irrigation	W10 W9	292	1465	682	4407	4	1.2	2190	1430	1170	-	-	-	-	-	-					
		11.5	57.7	26.9	173.5			17	4820	3150	2580	-	-	-	-	-					

324 HEAVY DUTY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive	Infl. press.	Recommend load, kg (lbs)										
		SW	OD						Speed, km/h (mph)										
									Free rolling				Drive Wheel						
									Load index speed Sym		bar psi		10 6		20 12		30 19		40 25
mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in		
15.5/80-24	W12 W13 W14L	384	1262	566	3786	10	154A6	2.5	4840	4280	3750	3380	3420	3020	2650	2390			
							150A8	36	10660	9430	8250	7440	7530	6650	5840	5260			
							12	157A6	3	5320	4700	4125	3710	3740	3310	2900	2610		
								154A8	44	11720	10350	9090	8170	8240	7290	6390	5750		
							16	163A6	4	6290	5560	4875	4390	4450	3930	3450	3110		
								159A8	58	13850	12250	10740	9670	9800	8660	7600	6850		
16.5/85-28	W13 W14L W15L	417	1423	626	4130	12	163A6	2.8	6290	5560	4875	4390	4450	3930	3450	3110			
							159A8	41	13850	12250	10740	9670	9800	8660	7600	6850			

324 IMPLEMENT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive	Infl. press.	Recommend load, kg (lbs)										
		SW	OD						Speed, km/h (mph)										
									Free rolling				Drive Wheel						
									Load index speed Sym		bar psi		10 6		20 12		30 19		40 25
mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in		
6.50/80-12	5.00F	163	558	270	1719	6	93A6	⊙→											
							89 A8	⊙	3.6	840	740	650	590	580	510	450	410		
							80A6	⊙→	52	1850	1630	1430	1300	1280	1120	990	900		
							77 A8	⊙											
6.50/80-15	5.00F	163	663	295	1942	6	98A6	⊙→	3.6	970	860	750	680	680	600	530	480		
							94 A8	⊙	52	2140	1890	1650	1500	1500	1320	1170	1060		
							86A6												
							83 A8												
6.50-16	5.50F	189	754	347	2250	6	99A6	⊙→											
							96 A8	⊙	2.7	1000	880	775	700	700	620	545	490		
							87A6	⊙	39	2200	1940	1710	1540	1540	1370	1200	1080		
							83 A8												
							8	105A6	⊙→										
								101A8	⊙	3.8	1190	1050	925	830	840	740	650	590	
93A6	⊙	55	2620	2310	2040	1830		1850	1630	1430	1300								
90 A8	⊙																		

324 IMPLEMENT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		SW	OD						Speed, km/h (mph)									
		mm	mm	Free rolling			Drive Wheel											
		in	in	10	20		30	40	10	20	30	40						
		mm	in	mm	in		bar	6	12	19	25	6	12	19	25			
							psi											
7.50-16	5.50F 6.00F 6LB	214 8.4	803 31.6	370 14.6	2400 94.5	4	96A6	→										
							93 A8	→	1.5	920	810	710	640	650	570	500	450	
							84A6	→	22	2030	1780	1560	1410	1430	1260	1100	990	
							80 A8	→										
							112A6	→										
							108A8	→	3.1	1440	1280	1120	1010	1000	880	775	700	
	8	99A6	→	45	3170	2820	2470	2220	2200	1940	1710	1540						
		96 A8	→															
		116 A6	→															
		112 A8	→	4	1610	1425	1250	1125	1130	995	875	785						
		103 A6	→	58	3550	3140	2755	2480	2490	2195	1930	1730						
		99 A8	→															
8.25-16	6.00F	229 9	818 32.2	371 14.6	2450 96.5	6	109A6	→										
							105A8	→	2	1330	1170	1030	930	940	830	730	660	
							97 A6	→	29	2930	2580	2270	2050	2070	1830	1610	1450	
							94 A8	→										
							115A6	→										
							111A8	→	2.8	1570	1390	1215	1090	1100	970	850	770	
	8	102A6	→	41	3460	3060	2680	2400	2420	2140	1870	1700						
		99 A8	→															
		114A6	→															
		110A8	→	1.3	1520	1350	1180	1060	1100	970	850	770						
		102A6	→	19	3350	2970	30	2330	2420	2140	1870	1700						
		99 A8	→															
7.00-18	5.00F	178 7	803 31.6	373 14.7	2413 95	4	123A6	→										
							120A8	→	2	2000	1770	1550	1400	1440	1280	1120	1010	
							112A6	→	29	4410	3900	3410	3080	3170	2820	2470	2220	
							108 A8	→										

Bias Tractor

347 R-1 **A8**
SPEED



Alliance 347 is a drive wheel tractor tire with higher number of 23 degree lugs. It provides maximum traction on all types of soil and provides a smooth drive. A strong nylon carcass guards against mechanical failures and moisture deterioration. The tire is engineered with breakers for better protection against punctures.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)						Field operation		
		mm in	mm in	mm in	mm in	Not high and sustained torque; Road transport						Field operation				
						Static	10 6	20 12	30 19	40 25	50 31	10 6	20 12	High Tor 10 6		
23.1-26	DW20	587 23.1	1605 63.2	703 27.7	4648 183	12	1.7	8400	5480	4490	3910	3650	3320	5110	4380	3910
						153A8	25	18500	12070	9890	8610	8040	7310	11260	9650	8610
						14	2	9200	6000	4920	4280	4000	3640	5600	4800	4280
						156A8	29	20260	13220	10840	9430	8810	8020	12330	10570	9430
						16	2.3	10060	6560	5380	4680	4375	3980	6130	5250	4680
23.1-30	DW20A	587 23.1	1707 67.2	754 29.7	4969 195.6	8	1.7	8910	5810	4770	4150	3875	3530	5430	4650	4150
						147A8	25	19630	12800	10510	9140	8540	7780	11960	10240	9140
						14	2	9780	6380	5230	4550	4250	3870	5950	5100	4550
						158A8	29	21540	14050	11520	10020	9360	8520	13110	11230	10020
24.5-32	DW21A DW21 DW20A	622 24.5	1805 71.1	805 31.7	5286 208.1	10	1.4	9200	6000	4920	4280	4000	3640	5600	4800	4280
						156A8	20	20260	13220	10840	9430	8810	8020	12330	10570	9430
						12	1.7	10350	6750	5540	4820	4500	4100	6300	5400	4820
23.1-34	DW20A	587 23.1	1808 71.2	800 31.5	5269 207.4	8	1.1	7480	4880	4000	3480	3250	2960	4550	3900	3480
						149A8	16	16480	10750	8810	7670	7160	6520	10020	8590	7670
						10	1.4	8400	5480	4490	3910	3650	3320	5110	4380	3910
						153A8	20	18500	12070	9890	8610	8040	7310	11260	9650	8610
						12	1.7	9490	6190	5070	4410	4125	3750	5780	4950	4410
						157A8	25	20900	13630	11170	9710	9090	8260	12730	10900	9710

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)						Field operation		
		mm in	mm in	mm in	mm in			Not high and sustained torque; Road transport					Low Torque		High Tor	
								Static	10 6	20 12	30 19	40 25	50 31	10 6	20 12	10 6
16.9-38	W15L					6	1.7	5920	3860	3170	2760	2575	2340	3610	3090	2760
	W15A	429	1689	767	5003	135A8	25	13040	8500	6980	6080	5670	5150	7950	6810	6080
	W14L	16.9	66.5	30.2	197	8										
	W14A					141A8										
18.4-38	DW16					8	1.4	6270	4090	3350	2920	2725	2480	3820	3270	2920
	W16L	467	1750	795	5185	143A8	20	13810	9010	7380	6430	6000	5460	8410	7200	6430
	W15L	18.4	68.9	31.3	204.1	10	1.8	7250	4730	3870	3370	3150	2870	4410	3780	3370
						148A8	26	15970	10420	8520	7420	6940	6320	9710	8330	7420
20.8-38						14										
						155A8										
						8	1.3	7250	4730	3870	3370	3150	2870	4410	3780	3370
	W18L	528	1840	826	5411	148A8	19	15970	10420	8520	7420	6940	6320	9710	8330	7420
						14	2.3	10060	6560	5380	4680	4375	3980	6130	5250	4680
						159A8	33	22160	14450	11850	10310	9640	8770	13500	11560	10310

Bias Tractor

357

R-1



SPEED



2WD
TRACTOR



MFWA



A tractor tire with extra strong lugs for heavy-duty services, that is engineered for high power transmission under the most tough working conditions. Double angle design enables efficient self-cleaning. A 45 degree lug angle around the centerline provides continuous rolling and lower rolling resistance on the roads, as well as lower side slippage during off-the-road and hillside operations. A strong nylon carcass guards against mechanical failures and moisture deterioration.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Not high and sustained torque; Road transport					Field operation				
													Low Torque		High Tor		
mm in	mm in	mm in	mm in	Bar psi	Static	10 6	20 12	30 19	40 25	50 31	10 6	20 12	10 6				
12.4-24 Steel Belted	W11	315	1160	533	3461	12	3.5	4260	2780	2280	1980	1850	1680	2590	2220	1980	
	W10 W10H	12.4	45.7	21	136.3	129A8	51	9380	6120	5020	4360	4070	3700	5700	4890	4360	
13.6-28	W12	345	1310	596	3884	6	1.6	3340	2180	1780	1550	1450	1320	2030	1740	1550	
	W11	13.6	51.6	23.5	152.9	121A8	23	7360	4800	3920	3410	3190	2910	4470	3830	3410	
12.4-36	W11L	315	1465	682	4407	10	2.8	4490	2930	2400	2090	1950	1770	2730	2340	2090	
	W10 W10H	12.4	57.7	26.9	173.5	131A8	41	9890	6450	5290	4600	4300	3900	6010	5150	4600	
13.6-38	W12	345	1565	729	4709	8	2	4490	2930	2400	2090	1950	1770	2730	2340	2090	
	W11	13.6	61.6	28.7	185.4	131A8	29	9890	6450	5290	4600	4300	3900	6010	5150	4600	
14.00-38	W12	345	1565	729	4709	8	2	4490	2930	2400	2090	1950	1770	2730	2340	2090	
	W11	13.6	61.6	28.7	185.4	131A8	29	9890	6450	5290	4600	4300	3900	6010	5150	4600	
18.4-38	W16L	467	1750	795	5185	6	1.4	6270	4090	3350	2920	2725	2480	3820	3270	2920	
		18.4	68.9	31.3	204.1	139A8	20	13810	9010	7380	6430	6000	5460	8410	7200	6430	

358 R-1 **A8**
SPEED



358 is a tractor drive wheel tire characterized by extra strong lugs for heavy-duty services on medium HP agriculture tractors and implements. Its tread pattern includes special reinforced durable lugs in the lug base area that prevents fatigue cracks. In addition, triple angled lugs enable smooth ride in fields and on road. A strong nylon diagonal carcass guards against mechanical failures and moisture deterioration.

Bias Tractor



358 HEAVY DUTY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		SW	OD						Speed, km/h (mph)									
									Free rolling				Drive Wheel					
		mm in	mm in						10	25	40	50	10	25	40	50		
							Load index speed Sym	bar psi	6	16	25	31	6	16	25	31		
16.5/85-24	W13 W14L W15	417 16.4	1344 52.9	584 23	3873 152.5	12	162A6	→										
							158A8		2.8	6130	5420	4750	4280	4320	3820	3350	3020	
							150A6	↻	41	13500	11940	10460	9430	9520	8410	7380	6650	
							146A8											
							165A6	→										
							161A8		3.3	6640	5870	5150	4640	4710	4160	3650	3290	
							153A6	↻	48	14630	12930	11340	10220	10370	9160	8040	7250	
							149A8											

358 DRIVE WHEEL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)									
		SW	OD					Not high and sustained torque; Road transport						Field operation			
								Static						Low Torque		High Tor	
		mm in	mm in					10	20	30	40	50	10	20	10	6	12
14.9-24	W13	378	1265	574	3745	12	2.6	5150	3360	2760	2400	2240	2040	3140	2690	2400	
	W12	14.9	49.8	22.6	147.4	136A8	38	11340	7400	6080	5290	4930	4490	6920	5930	5290	
14.9-28	W13	378	1365	618	4036	6	1.4	3800	2480	2030	1770	1650	1500	2310	1980	1770	
	W12	14.9	53.7	24.3	158.9	125A8	20	8370	5460	4470	3900	3630	3300	5090	4360	3900	
15.5-38	W14L DW14	394 15.5	1570 61.8	724 28.5	4695 184.8	6	1.4	4030	2630	2150	1870	1750	1590	2450	2100	1870	
						127A8	20	8880	5790	4740	4120	3850	3500	5400	4630	4120	
						8	1.8	4740	3090	2530	2200	2060	1870	2880	2470	2200	
						133A8	26	10440	6810	5570	4850	4540	4120	6340	5440	4850	
						10	2.3	5430	3540	2900	2530	2360	2150	3300	2830	2530	
138A8	33	11960	7800	6390	5570	5200	4740	7270	6230	5570							

FarmPRO 324 R-1 A8

SPEED



2WD
TRACTOR

MFWA



FarmPRO 324 has a modern curved 45 degree design for both on and off road applications. It provides superior traction during field operations. Its rubber compound provides high resistance to cut growth. The wide nose bar helps in delivering extra life on hard surfaces. Complete R-1 range offering is available in the FarmPRO 324.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Press	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm / in	mm / in					mm / in	10 6	20 12	30 19	40 25	50 31
9.5-20	W8	241	940	442	2845	6	2.1	1900	1240	1010	880	825	750
		9.5	37	17.4	112	101A8	30	4190	2730	2220	1940	1820	1650
8.3-24	W7	211	995	470	3020	8	3.1	2130	1390	1140	990	925	840
		8.3	39.2	18.5	119	105A8	45	4700	3065	2515	2185	2040	1850
9.5-24	W8	241	1050	493	3175	8	2.8	2575	1680	1380	1200	1120	1020
		9.5	41.3	19.4	125	112A8	41	5675	3705	3040	2645	2470	2250
11.2-24	W10	284	1105	512	3314	8	2.4	2880	1880	1540	1340	1250	1140
		11.2	43.5	20.2	130	116A8	35	6340	4140	3390	2950	2750	2510
12.4-24	W11	315	1160	533	3461	8	2.3	3340	2180	1780	1550	1450	1320
		12.4	45.7	21	136	121A8	33	7360	4800	3920	3410	3190	2910
13.6-24	W12	345	1210	549	3584	8	2	3565	2325	1905	1700	1550	1410
		13.6	47.6	21.6	141	123A8	29	7860	5125	4200	3745	3415	3105
14.9-24	W13	378	1265	574	3745	8	1.8	4140	2700	2210	1930	1800	1640
		14.8	49.8	22.5	147.4	128A8	26	9120	5950	4870	4250	3960	3610
16.9-24	W15L	429	1335	601	3922	8	1.7	4740	3090	2530	2200	2060	1870
		16.8	52.5	23.6	154.4	133A8	24	10440	6810	5570	4850	4540	4120
11.2-28	W10	284	1205	560	3621	8	2.4	3040	1980	1620	1410	1320	1200
		11.1	47.4	22	142.5	118A8	34	6700	4360	3570	3110	2910	2640
12.4-28	W11	315	1260	583	3776	8	2.3	3570	2330	1910	1660	1550	1410
		12.4	49.6	23	149	123A8	33	7860	5130	4210	3660	3410	3110
13.6-28	W12	345	1310	596	3885	8	2	3800	2480	2030	1770	1650	1500
		13.5	51.5	23.4	152.9	125A8	29	8370	5460	4470	3900	3630	3300
14.9-28	W13	378	1365	618	4036	8	1.8	4370	2850	2340	2030	1900	1730
		14.8	53.7	24.3	158.8	130A8	26	9630	6280	5150	4470	4190	3810

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Press	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm / in	mm / in					mm / in	6	12	19	25	31
16.9-28	W15L	429	1435	645	4223	8	1.7	5010	3270	2680	2330	2180	1980
		16.8	56.4	25.3	166.2	135A8	24	11040	7200	5900	5130	4800	4360
16.9-30	W15L	430	1485	667	4370	8	1.7	5290	3450	2830	2460	2300	-
		16.9	58.5	26.3	172	137A8	25	11650	7600	6230	5420	5070	-
18.4-30	W16L	467	1550	696	4545	8	1.4	5590	3650	2990	2600	2430	-
		18.4	61	27.4	178.9	139A8	20	12310	8040	6590	5730	5350	-
16.9-34	W15	430	1590	725	4720	8	1.7	5590	3650	2990	2600	2430	-
		16.9	62.6	28.5	185.8	139A8	25	12310	8040	6590	5730	5350	-
18.4-34	W16L	467	1660	747	4885	8	1.4	6100	3980	3260	2840	2650	-
		18.4	65.4	29.4	192.3	142A8	20	13440	8770	7180	6260	5840	-
12.4-36*						8		-----UNDER DEVELOPMENT-----					
15.5-38	W14L	394	1570	724	4695	8	1.8	4740	3090	2540	2200	2060	-
		15.5	61.8	28.5	184.8	133A8	26	10440	6810	5590	4850	4540	-
16.9-38	W15L	430	1689	770	5007	8	1.7	5920	3860	3170	2760	2575	-
		16.9	66.5	30.3	197.1	141A8	25	13040	8500	6980	6080	5670	-
18.4-38	W16L	467	1750	795	5190	8	1.4	6270	4090	3350	2920	2725	-
		18.4	68.9	31.3	204.3	143A8	20	13810	9010	7380	6430	6000	-



768 IRRIGATION



IRRIGATION



768 IRRIGATION has ideally spaced 23 degree lugs for superior traction in irrigation use. Strong and wide lugs provide traction due to larger ground contact. Strong sidewall construction and high nylon carcass minimizes mechanical failure and moisture deterioration.



Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Pressure bar (psi)	Recommended Load Capacity					
		SW	OD					Max Load Capacity - kgs / (lbs)					
		mm / in	mm / in					Static	10kmph	20kmph	30kmph	40kmph	50kmph
195/65-15	5.5	200	665	306	1987	8	3.2	-	-	-	-	650	-
		7.9	26.2	12	78.2	8	46	-	-	-	-	1430	-
11.2-24	W10	284	1105	512	3314	6	1.8	2440	1590	1300	1130	1060	960
		11.2	43.5	20.2	130.5	110A8	26	5370	3500	2860	2490	2330	2110
14.9-24	W13	378	1250	574	3701	8	1.8	4140	2700	2210	1930	1800	1640
		14.9	49.2	22.6	145.7	128A8	26	9120	5950	4870	4250	3960	3610
11.2-38	W10	284	1459	678	4390	6	1.8	2710	1770	1450	1260	1180	1070
						114A8	26	5970	3900	3195	2775	2600	2360
						4	1.3	4050	2640	2160	1880	1760	1580
						106A8	19	8920	5810	4760	4140	3880	3480

ROW CROP

Row Crop



Pattern Sizes by Segment

Size	L/PR	350	354 Agriflex	354 Agriflex+	363 Agriflex	363 Agriflex +
8.3R32	116D /119A8	●●●●				
9.5R32	115D /126A2	●●●●				
	128D /131A8	●●●●				
230/95R32	115D /126A2	●●●●				
	128D /131A8	●●●●				
270/95R32	132D /135A8	●●●●				
IF 420/85R34	154D		●●●●			
8.3R36	118D /121A8	●●●●				
9.5R36	130D /133A8	●●●●				
11.2R36	136D /139A8	●●●●				
230/95R36	117D/128A2	●●●●				
	130D/133A8	●●●●				
270/95R36	123D/134A2	●●●●				
	136D/139A8	●●●●				
11.2-38 (270/95-38)	4PR	●●●●				
11.2R38 (270/95R38)	137D /140A8	●●●●				
IF 380/80R38	149D		●●●●			
IF 380/95R38	154D		●●●●			
VF 380/80R38	154D			●●●●		
9.5R40 (230/95R40)	132D /135A8	●●●●				
	133D/136A8	●●●●				
11.2R42 (270/95R42)	139D /142A8	●●●●				
8.3R44	126D /129A8	●●●●				
	121D /132A2	●●●●				
9.5R44	134D /137A8	●●●●				
	121D /132A2	●●●●				
9.5R44(230/95R44)	134D /137A8	●●●●				
	127D /138A2	●●●●				
11.2R44	140D /143A8	●●●●				
	127D /138A2	●●●●				
270/95R44	140D /143A8	●●●●				
	142D/145A8	●●●●				
13.6R46	150D /153A8	●●●●				
	142D/145A8	●●●●				
14.9R46	154D	●●●●				
	159D/162A8	●●●●				
	172D/175A8	●●●●				
270/95R46(11.2R46)	141D /144A8	●●●●				
320/90R46 300/95R46 (12.4R46)	148D /151A8	●●●●				
IF 320/90R46	155D		●●●●		●●●●	
VF 320/105R46	172D			●●●●		
IF 320/105R46	166D		●●●●			
340/85R46	150D /153A8	●●●●				
IF 380/90R46	168D		●●●●			

● 2 WD Tractors ● MFWA ● Sprayer ● 4 WD Tractors ● Combine Harvester

Pattern Sizes by Segment

Size	L/PR	350	354 Agriflex	354 Agriflex+	363 Agriflex	363 Agriflex +
VF 380/90R46	173D					●●●●
380/90R46	142D/145A8	●●●●				
	159D/162A8	●●●●				
	172D/175A8	●●●●				
IF 380/90R46	168D				●●●●	
VF 380/90R46	173D			●●●●		
IF 380/90R46	173D		●●●●			
380/105R46	158D	●●●●				
IF 520/85R46	165D		●●●●			
VF 520/85R46	170D			●●●●		
13.6R48	148D /151A8	●●●●				
	151D/154A8	●●●●				
	156D/159A8	●●●●				
VF 230/95R48	146D					●●●●
230/95R48(9.5R48)	136D /139A8	●●●●				
270/95R48(11.2R48)	142D /145A8	●●●●				
VF 270/95R48	155D					●●●●
IF340/85R48	159D		●●●●			
320/90R50	150D /153A8	●●●●				
IF 320/90R50	161D		●●●●			
VF 320/90R50*	166D			●●●●		
IF 320/105R50	152D		●●●●			
380/90R50	151D /154A8	●●●●				
	158D/161A8	●●●●				
IF 380/90R50	170D		●●●●			
IF 380/105R50	177D		●●●●			
IF 380/105R50*	175D		●●●●			
380/105R50	168D/171A8	●●●●				
IF 480/80R50	166D		●●●●			●●●●
VF 480/80R50	171D			●●●●		
VF 480/95R50	176D			●●●●		
IF 480/95R50	165D		●●●●			
12.4R52	135D /146A2	●●●●				
	148D /151A8	●●●●				
300/95R52	135D /146A2	●●●●				
	148D /151A8	●●●●				
	156D /159A8	●●●●				
11.2R54	146D /149A8	●●●●				
	156D	●●●●				
12.4R54	151D /154A8	●●●●				
IF230/115R54*	145D		●●●●			
VF 270/95R54	156D					●●●●
270/95R54	146D /149A8	●●●●				
	156D /159A8	●●●●				
IF270/105R54*	158D		●●●●			
320/90R54	151D /154A8	●●●●				

Row Crop

● 2 WD Tractors ● MFWA ● Sprayer ● 4 WD Tractors ● Combine Harvester

Pattern Sizes by Segment

Size	L/PR	350	354 Agriflex	354 Agriflex+	363 Agriflex	363 Agriflex +
IF 320/90R54	162D		● ● ● ●			
IF 320/105R54*	162D		● ● ● ●			
380/90R54	152D /155A8	● ● ● ●				
	171D/174A8	● ● ● ●				
IF380/90R54	171D		● ● ● ●			
IF 380/105R54*	180D		● ● ● ●			

AGRIFLEX+ 354 R-1W

SPEED



MFVA



2WD TRACTOR



4WD TRACTOR



SPRAYER



The advanced AGRIFLEX+ 354 Very Improved Flexion (VF) is designed to carry same load as standard radial tractor tire but at lower pressure or carry up to 40% more at the same pressure. Together with all the advantages of Alliance's standard R-1W radial tractor drive tires these tires allow lower inflation pressure for the same load capacity related to regular Row Crop tires. Stronger lugs than regular Row Crop tires, outstanding traction, excellent self-cleaning characteristics and enhanced lug shape ensure exceptional durability, comfort and a significant reduction of noise while driving on the road. Agriflex+ 354 gives a large tire footprint area for high traction, reduces fuel costs and increases overall operation productivity and best puncture protection and more uniform ground pressure distribution due to its steel belts.

Row Crop



SB

STEEL BELTED

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		Speed, km/h (mph)						Not high and sustained torque; Road transport						Cyclic*		CFO*	
		SW	OD					25 up to 40 km/h 15 up to 25 mph		25 up to 65 km/h 15 up to 40 mph		70	bar psi	10	15	30	
		mm in	mm in					mm in	mm in	mm in	mm in	psi	6	9	12	19	
VF 380/80R38	DW13	982	1591	725	4710	154D	2.4	4020	3750	3750	—	3750	3410	3	5810	—	—
	DW12	15	62.6	28.5	185.4		35	8850	8260	8260	—	8260	7510	44	12800	—	—
VF 320/105R46	DW11	325 12.8	1840 72.4	850 33.5	5583 219.8	172D	4.8 70	6750 14870	6300 13880	6300 13880	—	6300 13880	5730 12620	5.6 81	9770 21520	—	—
	DW10																
	W11																
	W12																
VF 380/90R46	DW13	391	1854	861	5595	173D	4.4	8130	6500	6500	—	6500	5920	5.2	10080	—	—
	DW12	15.4	73	33.9	220.3		64	17910	14320	14320	—	14320	13040	75	22200	—	—
VF 520/85R46	DW18	530	2052	916	6013	170D	1.6	6430	6000	6000	—	6000	5460	2	9300	—	—
	DW16	20.9	80.8	36.1	236.7		23	14160	13220	13220	—	13220	12030	29	20480	—	—
VF 320/90R50*						166D	-----UNDER DEVELOPMENT-----										
VF 480/80R50	DW16	479	2050	936	6114	171D	2.4	6590	6150	6150	—	6150	—	3	9530	—	—
	DW15	18.9	80.7	36.9	240.7		35	14520	13550	13550	—	13550	—	44	20990	—	—
VF 480/95R50	DW16	485	2187	984	6550	176D	2.4	7610	7100	7100	—	7100	6460	3	11010	—	—
	DW15	19.1	86.1	38.7	257.9		35	16760	15640	15640	—	15640	14230	44	24250	—	—

AGRIFLEX 354 R-1W

SPEED



MFVA



2WD
TRACTOR



4WD
TRACTOR



SPRAYER



The advanced AGRIFLEX 354 Improved Flexion (IF) is designed to carry same load as standard radial tractor tire but at lower pressure or carry more load up to 20% at the same pressure. Together with all the advantages of Alliance's standard R-1W radial tractor drive tires these tires allow lower inflation pressure for the same load capacity related to regular Row Crop tires. Stronger lugs than regular Row Crop tires, outstanding traction, excellent self-cleaning characteristics and enhanced lug shape ensure exceptional durability, comfort and a significant reduction of noise while driving on the road. Agriflex 354 gives a large tire footprint area for high traction, reduces fuel costs and increases overall operation productivity and best puncture protection and more uniform ground pressure distribution due to its steel belts.



SB

STEEL BELTED

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)																				
		SW OD						Speed, km/h (mph)										Cyclic*		CFO*								
		Not high and sustained torque; Road transport										Press.		Load														
		mm in	mm in					mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	bar psi	10 6	15 9	20 12	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70 44	bar psi	10 6	15 9	30 19
IF 420/85R34	W14L	417	1575	709	4621	154D	2.4	4690	4190	3840	-	3750	3410	3	5813	-	-											
	W15L	16.4	62	27.9	181.9		35	10330	9230	8460	-	8260	7510	44	12800	-	-											
IF 380/80R38	DW13	398	1595	728	4656	149D	2.4	4060	3630	3330	-	3250	2960	3	5038	-	-											
	DW12	15.7	62.8	28.7	183.3		35	8940	8000	7330	-	7160	6520	44	11100	-	-											
IF 380/95R38	DW13	390	1687	767	4958	154D	2.4	4690	4190	3840	-	3750	3410	3	5813	-	-											
	DW12	15.4	66.4	30.2	195.2		35	10330	9230	8460	-	8260	7510	44	12800	-	-											
IF 320/105R46	DW11	345 13.6	1840 72.4	857 33.7	5572 219.4	166D	4.8 70	6630 14600	5920 13040	5430 11960	-	5300 11670	4820 10620	5.6 81	8215 18090	-	-											
	DW10																											
	DW12																											
	W11 W12																											
IF 320/90R46	DW11	330	1744	814	5283	155D	3.6	4840	4330	3970	-	3875	3530	4.4	6006	-	-											
	DW10	13	68.7	32	208		52	10660	9540	8740	-	8540	7780	64	13230	-	-											
IF 380/90R46	DW13 DW12	391 15.4	1854 73	861 33.9	5595 220.3	168D 173D	4.4 5.2	7000 8130	6250 7260	5740 6660	-	5600 6500	5100 5920	5.2 6	8680 10075	-	-											
																		64	15420	13770	12640	-	12330	11230	75	19120	-	-
																		75	17910	15990	14670	-	14320	13040	87	22190	-	-
IF 520/85R46	DW18	530	2052	916	6013	165D	1.6	6440	5750	5280	-	5150	4690	2	7983	-	-											
	DW16	20.9	80.8	36.1	236.7		23	14190	12670	11630	-	11340	10330	29	17580	-	-											
IF 340/85R48	DW12	343	1808	850	5480	159D	4	5470	4890	4480	-	4375	3980	4.8	6781	-	-											
		13.5	71.2	33.5	215.7		58	12050	10770	9870	-	9640	8770	70	14940	-	-											

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)										
		SW OD						Speed, km/h (mph)										
		mm in	mm in	Not high and sustained torque; Road transport								Cyclic*		CFO*				
				mm in	mm in			10 6	15 9	20 12	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70 44	bar psi	10 6	15 9	30 19	
IF 320/90R50	DW11	319	1846	871	5645	161D	4.4	5780	5160	4740	-	4625	4210	5.2	7169	-	-	
		12.6	72.7	34.3	222.2		64	12730	11370	10440	-	10190	9270	75	15790	-	-	
IF 320/105R50	DW11	323	1938	909	5796	152D	2.4	4440	3960	3640	-	3550	3230	3	5503	-	-	
	DW12	12.7	76.3	35.8	228.2		35	9780	8720	8020	-	7820	7110	44	12120	-	-	
IF 380/90R50	DW13	385	1956	906	5896	170D	4.4	7500	6700	6150	-	6000	5460	5.2	9300	-	-	
	DW12	15.2	77	35.7	232.1		64	16520	14760	13550	-	13220	12030	75	20480	-	-	
IF 380/105R50	DW13	399	2052	947	5657	177D	4.8	9130	8150	7480	-	7300	6640	5.6	11315	-	-	
	DW12	15.7	80.8	37.3	222.7		70	20110	17950	16480	-	16080	14630	81	24920	-	-	
							175D*	-----UNDER DEVELOPMENT-----										
IF 480/80R50	DW16	479	2050	946	6153	166D	2.4	6630	5920	5430	-	5300	4820	3	8215	-	-	
	DW15	18.9	80.7	37.2	242.2		35	14600	13040	11960	-	11670	10620	44	18090	-	-	
IF 480/95R50	DW16	480	2187	988	6518	165D	1.6	6440	5750	5280	-	5150	4690	2	7983	-	-	
	DW15	18.9	86.1	38.9	256.6		23	14190	12670	11630	-	11340	10330	29	17580	-	-	
IF 230/115R54*							145D	-----UNDER DEVELOPMENT-----										
IF 270/105R54*							158D	-----UNDER DEVELOPMENT-----										
IF 320/90R54	DW11	322	1950	922	5951	162D	4.4	5940	5300	4870	-	4750	4320	5.2	7363	-	-	
	DW10	12.7	76.8	36.3	234.3		64	13080	11670	10730	-	10460	9520	75	16220	-	-	
	DW12																	
IF 320/105R54*							162D	-----UNDER DEVELOPMENT-----										
IF 380/90R54	DW13	380	2056	959	6231	171D	4.4	7690	6870	6300	-	6150	5600	5.2	9533	-	-	
	DW12	15	80.9	37.8	245.3		64	16940	15130	13880	-	13550	12330	75	21000	-	-	
IF 380/105R54*							180D	-----UNDER DEVELOPMENT-----										

Row Crop

AGRIFLEX+ 363 R-1



MFWA



2WD
TRACTOR



4WD
TRACTOR



SPRAYER



AGRIFLEX+ 363 Very Improved Flexion (VF) is a tire for modern methods in field spraying. It is an optimal tire for heavy and high speed self propelled sprayers. The VF tire construction enables working with high tire deflection, providing up to 40% higher load carrying capacity for the same inflation pressure as regular tires. The directional lug design, divided into separated blocks provides excellent grip on soft surfaces. Large number of blocks and high rubber to void tread ratio, ensures long tread life, comfort and low rolling resistances during transport operation on hard surfaces. Large tire footprint area provides high traction, reduces fuel costs and minimizes soil compaction. The steel belted carcass structure ensures uniform ground pressure, puncture protection and extended tread life.



Size	Rim	Unloaded		Loaded Static Radius	Rolling Circum RCI SRI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		dimension						Speed, km/h (mph)									
		SW	OD					Not high and sustained torque; Road transport				Cyclic*		CFO*			
		mm in	mm in					mm in	mm in	bar psi	10 6	15 9	20 12	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70 44	Press. bar psi
VF 380/90R46	DW13	389	1842	848	5548	173D	4.4	8130	7260	6660	-	6500	5920	5.2	10075	-	-
	DW12	15.3	72.5	33.4	218.4		64	17910	15990	14670	-	14320	13040	75	22190	-	-
	W12																
	W13																
VF 230/95R48	DW9	232	1660	784	5058	146D	3.6	3210	3000	3000	-	3000	2730	4.4	4650	-	-
	DW9	9.1	65.4	30.9	199.1		52	7070	6610	6610	-	6610	6010	64	10240	-	-
VF 270/95R48	DW10	275	1733	816	5329	155D	4	4150	3875	3875	-	3875	3530	4.8	6010	-	-
	DW9	10.8	68.2	32.1	209.8		58	9140	8540	8540	-	8540	7780	70	13240	-	-
VF 270/95R54	DW10	287	1894	894	5744	156D	3.6	4290	4000	4000	-	4000	3640	4.4	6200	-	-
	DW9	11.3	74.6	35.2	226.1		52	9450	8810	8810	-	8810	8020	64	13660	-	-

AGRIFLEX 363



MFWA



2WD TRACTOR



4WD TRACTOR



SPRAYER



AGRIFLEX 363 Improved Flexion (IF) is a tire for modern methods in field spraying. It is an optimal tire for heavy and high speed self propelled sprayers. The IF tire construction enables working with higher tire deflection, providing up to 20% higher load carrying capacity for the same inflation pressure as regular tires. The directional lug design, divided into separated blocks provides excellent grip on soft surfaces. Larger number of blocks and high rubber to void tread ratio, ensures longer tread life, comfort and low rolling resistances during transport operation on hard surfaces. Larger tire footprint area provides higher traction, reduces fuel costs and minimizes soil compaction. Steel belted carcass structure ensures uniform ground pressure distribution, puncture protection and extended tread life.

Row Crop



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)											
		Speed, km/h (mph)										Cyclic*		CFO*					
		Not high and sustained torque; Road transport										Press. psi	Load 10 6	Load 15 9	Load 30 19				
		SW mm in	OD mm in					10 6	15 9	20 12	25 up to 40 km/h 15 up to 25 mph					25 up to 65 km/h 15 up to 40 mph	70 44		
IF 320/90R46	DW10	308	1748	821	5324	155D	3.6	4840	4330	3970	3875	3530	4.4	6006	-	-			
	DW11	12.1	68.8	32.3	209.6		52	10660	9540	8740	8540	7780	64	13230	-	-			
	DW12																		
IF 380/90R46 Steel Belted	DW12	389	1842	853	5608	168D	4.4	7000	6250	5740	-	5600	5100	5.2	8680	-	-		
	W12	15.3	72.5	33.6	220.8		64	15420	13770	12640	-	12330	11230	75	19120	-	-		
	W13																		
IF 480/80R50 Steel Belted	DW16	480	2038	940	6153	166D	2.4	6630	5920	5430	-	5300	4820	3	8215	-	-		
		18.9	80.2	37	242.2		35	14600	13040	11960	-	11670	10620	44	18090	-	-		

350 **R-1** **D**
SPEED



The Alliance 350 is a special line of radial narrow tires for all types of cultivation, harvesting and spraying jobs. The tire is characterized by round shoulders for soil and crop protection. A tough casing and rigid belt provides all the advantages of radial construction. This tire is used as front wheel in Row Crop applications.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								1) Not high and sustained torque; 2) Road transport									
								Non cyclic operation				Cyclic operation					
mm in	mm in	mm in	mm in	bar psi	Field	25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9				
230/95R32	W8 W7	241	1245	582	3796	115D	2.4	1400	1440	1330	1280	1215	1110	3	2070	1880	
		9.5	49	22.9	149.4	126A2	35	3080	3170	2930	2820	2680	2440	44	4560	4140	
						128D	3.6	2070	2130	1970	1890	1800	1640	4.5	3060	2790	
						131A8	52	4560	4690	4340	4160	3960	3610	65	6740	6150	
						135A8											
270/95R32 (11.2R32)	W10 W9 W8	284	1300	601	3894	132D	3.6	2300	2370	2190	2100	2000	1820	4.5	3400	3100	
		11.2	51.2	23.7	153.3	135A8	52	5070	5220	4820	4630	4410	4010	65	7490	6830	
						119A8											
8.3R32	W7 W6	211	1190	553	3576	116D	3.6	1440	1480	1370	1310	1250	1140	4.5	2130	1940	
		8.3	46.9	21.8	140.8	119A8	52	3170	3260	3020	2890	2750	2510	65	4690	4270	
						115D	2.4	1400	1440	1330	1280	1215	1110	3	2070	1880	
9.5R32	W8 W7	241	1245	582	3796	126A2	35	3080	3170	2930	2820	2680	2440	44	4560	4140	
		9.5	49	22.9	149.4	128D	3.6	2070	2130	1970	1890	1800	1640	4.5	3060	2790	
						131A8	52	4560	4690	4340	4160	3960	3610	65	6740	6150	
						135A8											
						136D	3.6	2580	2650	2450	2350	2240	2040	4.5	3810	3470	
11.2R36	W10 W9 W8	284	1410	654	4327	139A8	52	5680	5840	5400	5180	4930	4490	65	8390	7640	
		11.2	55.5	25.7	170.4												

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								1) Not high and sustained torque; 2) Road transport									
								Non cyclic operation					Cyclic operation				
mm in	mm in	mm in	mm in	mm in	bar psi	Field	25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9			
230/95R36	W8 W7	241 9.5	1345 53	625 24.6	4041 159.1	**											
						117D	2.4	1480	1520	1410	1350	1285	1170	3	2180	1990	
						128A2	3.2	2040	2100	1940	1860	1770	2580	4	3010	2740	

270/95R36	W10 W9 W8	284 11.2	1410 55.5	654 25.7	4327 170.4	**											
						123D	2.4	1780	1840	1700	1630	1550	1410	3	2640	2400	
						134A2	3.5	3920	4050	3740	3590	3410	3110	44	5810	5290	

8.3R36	W7 W6	211 8.3	1290 50.8	607 23.9	3906 153.8	**											
						130D	3.6	2190	2250	2080	2000	1900	1730	4.5	3230	2950	
						133A8	5.2	4820	4960	4580	4410	4190	3810	65	7110	6500	

9.5R36	W8 W7	241 9.5	1345 53	625 24.6	4041 159.1	**											
						130D	3.6	2190	2250	2080	2000	1900	1730	4.5	3230	2950	
						133A8	5.2	4820	4960	4580	4410	4190	3810	65	7110	6500	

11.2R38 (270/95R38)	W10 W9 W8	284 11.2	1456 57.3	680 26.8	4388 172.8	**											
						137D	3.6	2650	2730	2520	2420	2300	2090	4.5	3910	3570	
						140A8	5.2	5840	6010	5550	5330	5070	4600	65	8610	7860	

9.5R40 (230/95R40)	W8 W7	241 9.5	1460 57.5	686 27	4417 173.9	**											
						132D	3.6	2300	2370	2190	2100	2000	1820	4.5	3400	3100	
						135A8	5.2	5070	5220	4820	4630	4410	4010	65	7490	6830	

9.5R42 (230/95R42)	W7	228 9	1505 59.3	712 28	4537 178.6	**											
						133D	4	2370	2440	2260	2160	2060	1870	5	3500	3190	
						136A8	5.9	5220	5370	4980	4760	4540	4120	74	7710	7030	

11.2R42 (270/95R42)	W10 W9 W8	284 11.2	1565 61.6	736 29	4831 190.2	**											
						139D	3.6	2790	2880	2660	2550	2430	2210	4.5	4130	3770	
						142A8	5.2	6150	6340	5860	5620	5350	4870	65	9100	8300	

11.2R44	W10 W9 W8	284 11.2	1605 63.2	752 29.6	4847 190.8	**											
						127D	2.4	2010	2070	1920	1840	1750	1590	3	2980	2710	
						138A2	3.5	4430	4560	4230	4050	3850	3500	44	6560	5970	

9.5R44 (230/95R44)	W8 W7	241 9.5	1550 61	730 28.7	4696 184.9	**											
						121D	2.4	1670	1720	1590	1520	1450	1320	3	2470	2250	
						132A2	3.5	3680	3790	3500	3350	3190	2910	44	5440	4960	

270/95R44	W10 W9 W8	284 11.2	1605 63.2	752 29.6	4847 190.8	**											
						134D	3.6	2440	2510	2320	2230	2120	1930	4.5	3600	3290	
						137A8	5.2	5370	5530	5110	4910	4670	4250	65	7930	7250	

8.3R44	W7 W6	211 8.3	1495 58.9	708 27.9	4545 178.9	**											
						127D	2.4	2010	2070	1920	1840	1750	1590	3	2980	2710	
						138A2	3.5	4430	4560	4230	4050	3850	3500	44	6560	5970	

8.3R44	W7 W6	211 8.3	1495 58.9	708 27.9	4545 178.9	**											
						140D	3.6	2880	2960	2740	2630	2500	2280	4.5	4250	3880	
						143A8	5.2	6340	6520	6040	5790	5510	5020	65	9360	8550	

8.3R44	W7 W6	211 8.3	1495 58.9	708 27.9	4545 178.9	**											
						142D	4	3050	3140	2900	2780	2650	2410	5	4510	4110	
						145A8	5.8	6720	6920	6390	6120	5840	5310	73	9930	9050	

8.3R44	W7 W6	211 8.3	1495 58.9	708 27.9	4545 178.9	**											
						126D	3.6	1960	2010	1860	1790	1700	1550	4.5	2890	2640	
						129A8	5.2	4320	4430	4100	3940	3740	3410	65	6370	5810	

Row Crop

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in	1) Not high and sustained torque; 2) Road transport													
				Non cyclic operation					Cyclic operation								
mm in	mm in	25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9								
12.4R46	W11 W10 W9	315 12.4	1727 68	807 31.8	5294 205.7	**	bar psi	Field									
						132D		2.4	2300	2370	2190	2100	2000	1820	3	3400	3100
						143A2		35	5070	5220	4820	4630	4410	4010	44	7490	6830

						148D		3.6	3620	3730	3450	3310	3150	2870	4.5	5360	4880
151A8	52	7970	8220	7600	7290	6940	6320	65	11810	10750							
13.6R46	W12 W11	340 13.4	1760 69.3	824 32.4	5437 211.5	150D	3.6	3850	3970	3670	3520	3350	3050	4.5	5700	5190	
						153A8	52	8480	8740	8080	7750	7380	6720	65	12560	11430	
						142D	2.1	3050	3140	2900	2780	2650	—	2.6	4510	4110	
14.9R46	W13 W12	378 14.9	1824 71.8	851 33.5	5661 218.9	145A8	30	6720	6920	6390	6120	5840	—	38	9930	9050	
						154D	2.4	4310	4440	4110	3940	3750	—	3	6380	5810	
						35	9490	9780	9050	8680	8260	—	44	14050	12800		
						159D	4	5030	5180	4790	4590	4375	—	5	7440	6780	
						162A8	58	11080	11410	10550	10110	9640	—	73	16390	14930	
						172D	5.8	7250	7470	6900	6620	6300	—	7.3	10710	9770	
						175A8	84	15970	16450	15200	14580	13880	—	106	23590	21520	
270/95R46 (11.2R46)	W10 W9 W8	284 11.2	1665 65.6	774 30.5	5004 197	****	bar psi	Field									
						141D		3.6	2960	3050	2820	2700	2575	2340	4.5	4380	3990
300/95R46 320/90R46	W11 W10 W9	315 12.4	1727 68	807 31.8	5294 205.7	144A8	52	6520	6720	6210	5950	5670	5150	65	9650	8790	
						**	2.4	2300	2370	2190	2100	2000	1820	3	3400	3100	
						132D	35	5070	5220	4820	4630	4410	4010	44	7490	6830	

						148D	3.6	3620	3730	3450	3310	3150	2870	4.5	5360	4880	
151A8	52	7970	8220	7600	7290	6940	6320	65	11810	10750							
340/85R46	W12 W11	340 13.4	1760 69.3	824 32.4	5437 211.5	150D	3.6	3850	3970	3670	3520	3350	3050	4.5	5700	5190	
						153A8	52	8480	8740	8080	7750	7380	6720	65	12560	11430	
380/105R46 Steel Belted	W13 W11	394 15.5	1950 76.8	898 35.4	5916 231.6	158D	3	4890	5040	4650	4460	4250	3870	3.8	7230	6590	
						44	10770	11100	10240	9820	9360	8520	55	15930	14520		
380/90R46 (14.9R46) Steel Belted	W13 W12 W11	378 14.9	1824 71.8	851 33.5	5495 216.3	142D	2.1	3050	3140	2900	2780	2650	2410	2.6	4510	4110	
						145A8	30	6720	6920	6390	6120	5840	5310	38	9930	9050	
						159D	4	5030	5180	4790	4590	4375	3980	5	7440	6780	
						162A8	58	11080	11410	10550	10110	9640	8770	73	16390	14930	
						172D	5.8	7250	7470	6900	6620	6300	5730	7.3	10710	9770	
						175A8	84	15970	16450	15200	14580	13880	12620	106	23590	21520	

13.6R48 Steel Belted	W12 W11	345 13.6	1805 71.1	854 33.6	5568 219.2	148D	3.6	3620	3730	3450	3310	3150	2870	4.5	5360	4880	
						151A8	52	7970	8220	7600	7290	6940	6320	65	11810	10750	
						151D	4.2	3970	4090	3780	3620	3450	3140	5.3	5870	5350	
						154A8	61	8740	9010	8330	7970	7600	6920	77	12930	11780	
						156D	4.8	4600	4740	4380	4200	4000	3640	6	6800	6200	
						159A8	70	10130	10440	9650	9250	8810	8020	87	14980	13660	
230/95R48 (9.5R48)	W8 W7	241 9.5	1650 65	787 31	5039 198.4	****	bar psi	Field									
						136D		3.6	2580	2650	2450	2350	2240	2040	4.5	3810	3470
						139A8		52	5680	5840	5400	5180	4930	4490	65	8390	7640
270/95R48	W10 W9 W8	284 11.2	1710 67.3	811 31.9	5289 205.6	****	bar psi	Field									
						142D		3.6	3050	3140	2900	2780	2650	—	4.5	4510	4110
						145A8	52	6720	6920	6390	6120	5840	—	65	9930	9050	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
				mm in	mm in	1) Not high and sustained torque; 2) Road transport					Field operation						
		Non cyclic operation					Cyclic operation										
								25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9		
320/90R50	W11	325	1867	875	5640	150D	3.6	3850	3970	3670	3520	3350	3050	4.5	5700	5190	
	W10 W9	12.8	73.5	34.4	222	153A8	52	8480	8740	8080	7750	7380	6720	65	12560	11430	
380/105R50	W12	405	2050	955	6214	168D	4.4	6440	6640	6130	5880	5600	5100	5.5	9520	8680	
	W11	15.9	80.7	37.6	244.6	171A8	64	14190	14630	13500	12950	12330	11230	80	20970	19120	
380/90R50 (14.9R50) Steel Belted	W12					151D	2.4	3970	4090	3780	3620	3450	3140	3	5870	5350	
	W11	384	1950	916	5896	154A8	35	8740	9010	8330	7970	7600	6920	44	12930	11780	
	W13	15.1	76.8	36.1	232.1	158D	3.6	4890	5040	4650	4460	4250	3870	4.5	7230	6590	
12.4R52	W10					161A8	52	10770	11100	10240	9820	9360	8520	65	15930	14520	
	W9	310	1890	895	5746	**	2.4	2510	2580	2390	2290	2180	1980	3	3710	3380	
	W8	12.2	74.4	35.2	226.2	135D	35	5530	5680	5260	5040	4800	4360	44	8170	7440	
						146A2											
						148D	3.6	3620	3730	3450	3310	3150	2870	4.5	5360	4880	
300/95R52 Steel Belted	W10					151A8	52	7970	8220	7600	7290	6940	6320	65	11810	10750	
	W9	310	1890	896	5818	**	2.4	2510	2580	2390	2290	2180	1980	3	3710	3380	
	W8	12.2	74.4	35.3	229.1	135D	35	5530	5680	5260	5040	4800	4360	44	8170	7440	
						146A2											
						148D	3.6	3620	3730	3450	3310	3150	2870	4.5	5360	4880	
11.2R54	W10					151A8	52	7970	8220	7600	7290	6940	6320	65	11810	10750	
	W9	285	1900	903	5826	**	2.4	2510	2580	2390	2290	2180	1980	3	3710	3380	
	W8	11.2	74.8	35.6	229.4	135D	35	5530	5680	5260	5040	4800	4360	44	8170	7440	
						146D	3.6	3450	3560	3290	3150	3000	2730	4.5	5100	4650	
12.4R54	W10					149A8	52	7600	7840	7250	6940	6610	6010	65	11230	10240	
	W9	320	1948	924	5926	**	2.4	2510	2580	2390	2290	2180	1980	3	3710	3380	
	W11	12.6	76.7	36.4	233.3	146D	3.6	3450	3560	3290	3150	3000	2730	4.5	5100	4650	
270/95R54 Steel Belted	W10					149A8	52	7600	7840	7250	6940	6610	6010	65	11230	10240	
	W9	285	1900	903	5826	**	2.4	2510	2580	2390	2290	2180	1980	3	3710	3380	
	W8	11.2	74.8	35.6	229.4	146D	3.6	3450	3560	3290	3150	3000	2730	4.5	5100	4650	
320/90R54	W10					159A8	87	10130	10440	9650	9250	8810	8020	109	14980	13660	
	W9	325	1958	928	5954	**	2.4	2510	2580	2390	2290	2180	1980	3	3710	3380	
	W11	12.8	77.1	36.5	234.4	151D	3.6	3970	4090	3780	3620	3450	3140	4.5	5870	5350	
380/90R54 Steel Belted	W12					154A8	52	8740	9010	8330	7970	7600	6920	65	12930	11780	
	W11	388	2055	960	6287	**	2.4	2510	2580	2390	2290	2180	1980	3	3710	3380	
	W13	15.3	80.9	37.8	243.9	152D	35	8990	9270	8570	8220	7820	7110	44	13300	12110	
						171D	4.8	7070	7290	6730	6460	6150	5600	6	10460	9530	
					174A8	70	15570	16060	14820	14230	13550	12330	87	23040	20990		

Row Crop

350 (NARROW) IRRIGATION RADIAL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)						Field operation		
				mm in	mm in	Not high and sustained torque; Road transport						Low Torque			High Tor	
		Static	10 6			20 12	30 19	40 25	50 31	10 6	20 12	10 6				
11.2-38(270/95-38 (Des.350) Irrigation	W10 W9	292	1465	682	4407	4	1.2	2190	1430	1170	-	-	-	-	-	-
		11.5	57.7	26.9	173.5		17	4820	3150	2580	-	-	-	-	-	-

COMBINE HARVESTER AND SPREADER

Combine
Harvester



Pattern Sizes by Segment

Size	LI/PR	360	375 Agristar	349 Yield Master	372 Agriflex CFO	372 Agriflex	372 Agriflex+	375 VF	376 Multistar	570 Harvester Special
480/65R24	133D/136A8	●●●●								
IMP500/70R24	164A8/155A8									●●
IMP500/85R24	171A8/158A8									●●
23.1-26	14PR			●						
28L-26	12PR			●						
28LR26	158A8/155B	●●●●								
	166A8/163B	●●●●								
	173A8/170B	●●●●								
IF 520/80R 26*	165A8					●●●●				
IF 520/80R26	165A8				●●●●					
620/75R26	167A8/164B	●●●●								
	166A8 /166B		●●●●●●							
VF620/70R26	170D						●●●●			
IF 620/70R 26*	170D					●●●●				
750/65R26	158A8/155B	●●●●								
	166A8/163B	●●●●								
	173A8/170B	●●●●								
	151D/157A8							●●●●●●		
	178A8/172D							●●●●●●		
185A8							●●●●●●			
1000/50R26	172A8 /172B		●●●●●●							
IF420/85R28	145D					●●●●				
540/65R28	137A8/134B	●●●●								
VF 600/60R28	146D						●●●●			
600/65R28	150A8/146D	●●●●								
	157A8/154D	●●●●								
IF 600/65R28*	160D					●●●●				
IF600/70R28	164D					●●●●				
VF 600/70R28	173D						●●●●			
IMP500/85R30	176A8 /170A8								●●	
540/65R30	153A8/150D	●●●●								
	168A8/156A8	●●●●								
VF600/60R30	147D						●●●●			
VF 600/70R30	170D						●●●●			
IF600/70R30	159D					●●●●				
	165D					●●●●				
IF 620/75R30 CFO	164D				●●●●					
IF 620/75R30*	164D					●●●●				
IMP 620/70R30	178A8/166A8								●●	
IF 650/75R30*	166D					●●●●				
IF 650/75R30 CFO	166D				●●●●					
24.5R32	159A8/156B	●●●●								

- 2 WD Tractors
- MFWA
- Sprayer
- Tanker
- 4 WD Tractors
- Combine Harvester
- Trailer
- Spreader

Pattern Sizes by Segment

Size	LI/PR	360	375 Agristar	349 Yield Master	372 Agriflex CFO	372 Agriflex	372 Agriflex+	375 VF	376 Multistar	570 Harvester Special
30.5L-32	12PR			●						
	16PR			●						
	18PR			●						
	167A8/164B	●●●●								
	170A8/ 167B	●●●●								
	173A8/170B	●●●●								
	178A8/175B	●●●●								
650/75R32	172A8 /172B	●●●●	●●●●●●							
	172D/175A8	●●●●								
680/85R32	178A8							●●●●●●		
800/65R32	166D/169A8	●●●●								
	173D/176A8	●●●●								
	175D/178A8	●●●●								
IF800/70R32*	182A8					●●●●				
800/65R32	172A8 /172B		●●●●●●							
	181A8/178B	●●●●								
VF800/65R32	181D						●			
800/70R32	175A8/175B		●●●●●●							
IF 800/65R32 CFO	178A8				●●●●					
IF 800/70R32 CFO	182A8				●●●●					
IF 900/60R32*	188D/193A8					●●●●				
IF900/60R32	193D				●●●●					
900/60R32	176A8 /176B		●●●●●●							
	176D							●●●●●●		
	182D/185A8		●●●●●●					●●●●●●		
900/75R32	190A8		●●●●●●							
1050/50R32	178A8/172D							●●●●●●		
	180A8		●●●●●●							
	185A8							●●●●●●		
IF1250/50R32*	201A8				●●●●					
620/75R34	170A8/ 170B		●●●●●●							
IF650/65R34*	161D				●●●●	●●●●				
IF 650/65R34 CFO	161D				●●●●					
710/75R34	178A8 /178B		●●●●●●							
IF520/85R38	167D					●●●●				
540/65R38	147D/150A8	●●●●								
600/65R38	147A8/144B	●●●●								
650/65R38	171D	●●●●								
	178A8/175B	●●●●								
	154A8/151B	●●●●								
710/70R38	166D/168A8	●●●●								
	171D/174A8	●●●●								
	178D/181A8	●●●●								

Combine Harvester

- 2 WD Tractors
- MFWA
- Sprayer
- Tanker
- 4 WD Tractors
- Combine Harvester
- Trailer

Pattern Sizes by Segment

Size	L/PR	360	375 Agristar	349 Yield Master	372 Agriflex CFO	372 Agriflex	372 Agriflex+	375 VF	376 Multistar	570 Harvester Special
IF 710/85R38 CFO	178D				●●●●					
IF710/85R38*	178D					●●●●				
VF710/60R38	160D						●●●●			
IF 800/70R38 CFO	184A8				●●●●					
	187A8				●●●●					
IF900/60R38	184A8				●●●●					
IF 900/60R38*	184A8					●●●●				
IF520/85R42	169D					●●●●				
IF 580/85R42 CFO	178D				●●●●					
620/70R42	166A8/163B	●●●●								
	173A8/170B	●●●●								
650/65R42	170A8/167B	●●●●								
IF710/75R42*	176D					●●●●				
VF710/60R42	161D						●●●●			
IF710/70R42	179D					●●●●				
IF 710/75R42 CFO	176D				●●●●					
520/85R46	169D/173A8		●●●●●●							
620/70R46	159D/162A8								●●●●●●	
IF710/65R46*	183D					●●●●				

- 2 WD Tractors
- MFWA
- Sprayer
- Tanker
- 4 WD Tractors
- Combine Harvester
- Trailer

AGRIFLEX+ 372 R-1W

SPEED



COMBINE HARVESTER



MFVA



2WD TRACTOR



4WD TRACTOR



The advanced AGRIFLEX+ 372 Very Improved Flexion (VF) designed with increased sidewall flexibility enables the tire to carry up to 40% more at the same pressure as compared to a standard tractor radial. It offers a significantly large footprint leading to low soil compaction and a comfortable ride for the driver. The footprint enables high traction, reduces fuel costs and increases overall operation productivity. The R-1W pattern enables excellent grip as well as long tire life on hard surfaces.



SB

STEEL BELTED

Combine Harvester

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)										
		SW	OD					Speed, km/h (mph)										
								Not high and sustained torque; Road transport				Cyclic*		CFO*				
								mm in	mm in	mm in	mm in	bar psi	10 6	15 9	20 12	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70 44
VF 620/70R26	DW21B	626	1485	644	4387	170D	2.4	6430	6000	6000	–	6000	5460	–	–	–	7980	6660
	DW20B	24.6	58.5	25.4	172.7		35	14160	13220	13220	–	13220	12030	–	–	–	17580	14670
VF 600/60R28	DW20B	590	1430	620	4159	146D	1.0	3210	3000	3000	–	3000	2730	1.3	4650	–	–	–
		23.2	56.3	24.4	163.7		15	7070	6610	6610	–	6610	6010	18	10240	–	–	–
VF 600/70R28	DW21B	625	1560	681	4570	173D	2.8	6960	6500	6500	–	6500	5920	3.5	10075	–	–	–
	DW20B	24.6	61.4	26.8	179.9		41	15330	14320	14320	–	14320	13040	51	22190	–	–	–
VF 600/70R30	DW21B	625	1600	715	4770	170D	2.4	6430	6000	6000	–	6000	5460	3	9300	–	–	–
	DW20B	24.6	63	28.1	187.8		35	14160	13220	13220	–	13220	12030	44	20480	–	–	–
VF 600/60R30	DW20B	590	1490	651	4318	147D	1.0	3290	3075	3075	–	3075	2800	1.3	4766	–	–	–
		23.2	58.7	25.6	170		15	7250	6770	6770	–	6770	6170	18	10500	–	–	–
VF 710/60R38	DW25B	710	1815	803	5314	160D	1.0	4820	4500	4500	–	4500	4100	1.3	6975	–	–	–
		28	71.5	31.6	209.2		15	10620	9910	9910	–	9910	9030	18	15360	–	–	–
VF 710/60R42	DW25B	710	1923	850	5676	161D	1.0	4960	4625	4625	–	4625	4210	1.3	7169	–	–	–
		28	75.7	33.5	224		15	10930	10190	10190	–	10190	9270	18	15790	–	–	–

AGRIFLEX 372 R-1W



The advanced AGRIFLEX 372 IMPROVED FLEXION (IF) designed with increased sidewall flexibility enables the tire to carry up to 20% more load at the same pressure as compared to a standard tractor radial. It offers a significantly large footprint leading to low soil compaction and a comfortable ride for the driver. The larger footprint enables high traction, reduces fuel costs and increases overall operation productivity. The R-1W pattern enables excellent grip as well as long tire life on hard surfaces.



SB
STEEL BELTED

AGRIFLEX 372 CFO

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	Load Index Speed Symbol	Infl. press bar psi	Recommend load, kg (lbs)										
		SW mm in	OD mm in					Speed, km/h (mph)							Cyclic*		CFO*	
								Not high and sustained torque; Road transport							Press. bar psi	Load 10 6	Load 15 9	Load 30 19
								10 6	15 9	20 12	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70 44					
IF 520/80R26 CFO	DW16	505	1465	651	4372	165A8	3.2	6440	5750	5280	5150	-	-	-	-	7980	6700	
		19.9	57.7	25.6	172.1		46	14190	12670	11630	11340	-	-	-	-	17580	14750	
IF 620/75R30 CFO	DW23B	650	1675	734	4879	164D	1.6	6250	5580	5130	-	5000	4550	-	-	7750	6500	
		25.6	65.9	28.9	192.1		23	13770	12290	11300	-	11010	10020	-	-	17070	14320	
IF 650/75R30 CFO	DW23B DW21B	660	1720	754	5007	166D	1.6	6630	5920	5430	-	5300	4820	-	-	8215	6890	
		26	67.7	29.7	197.1		23	14600	13040	11960	-	11670	10620	-	-	18090	15180	
IF 800/65R32 CFO	DW27B	775	1845	816	5416	178A8	2.4	9380	8380	7690	7500	-	-	-	-	11625	9750	
		30.5	72.6	32.1	213.2		35	20660	18460	16940	16520	-	-	-	-	25610	21480	
IF 800/70R32 CFO	DW27B DW25B	784	1933	857	5704	182A8	2.4	10630	9490	8710	8500	-	-	-	-	13175	11050	
		30.9	76.1	33.7	224.6		35	23410	20900	19190	18720	-	-	-	-	29020	24340	
IF 900/60R32 CFO	DW30B	885	1890	847	5650	193D	4	14380	12840	11790	-	11500	10470	-	-	17830	14950	
		34.8	74.4	33.3	222.4		58	31670	28280	25970	-	25330	23060	-	-	39270	32930	
IF 650/65R34 CFO	DW23	650	1720	769	5033	161D	1.6	5780	5160	4740	-	4625	4210	2	7170	-	-	
		25.6	67.7	30.3	198.1		23	12730	11370	10440	-	10190	9270	29	15790	-	-	
IF 710/85R38 CFO	DW25B	730	2165	956	6338	178D	1.6	9380	8380	7690	-	7500	6830	-	-	11625	9750	
		28.7	85.2	37.6	249.5		23	20660	18460	16940	-	16520	15040	-	-	25610	21480	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		Speed, km/h (mph)						Cyclic*		CFO*							
		Not high and sustained torque; Road transport						Cyclic*		CFO*							
		10 6	15 9					20 12	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70 44	Press. bar psi	Load 10 6	Load 15 9	Load 30 19		
IF 800/70R38 CFO	DW27B	820	2085	926	6100	184A8	2.4	11250	10050	9230	9000	-	-	-	-	13950	11700
							35	24780	22140	20330	19820	-	-	-	-	30730	25770
	DW25B	32.3	82.1	36.5	240.2	187A8	2.8	12190	10890	9990	9750	-	-	-	15113	12675	
IF 900/60R38 CFO	DW30B	880	2035	897	6011	184A8	2.4	11250	10050	9230	9000	-	8190	-	-	13950	11700
							35	24780	22140	20330	19820	-	18040	-	-	30730	25770
IF 580/85R42 CFO	DW20B	595	2040	918	6065	178D	2.8	9380	8380	7690	-	7500	-	-	-	11625	9750
							41	20660	18460	16940	-	16520	-	-	-	25610	21480
IF 710/75R42 CFO	DW25B	725	2150	951	6667	176D	1.6	8880	7930	7280	-	7100	6460	-	-	11005	9230
							23	19560	17470	16040	-	15640	14230	-	-	24240	20330

AGRIFLEX 372

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		Speed, km/h (mph)						Cyclic*		CFO*							
		Not high and sustained torque; Road transport						Cyclic*		CFO*							
		10 6	15 9					20 12	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70 44	Press. bar psi	Load 10 6	Load 15 9	Load 30 19		
IF 520/80R26*						165A8		-----UNDER DEVELOPMENT-----									
IF 620/70R26*						170D		-----UNDER DEVELOPMENT-----									
IF 420/85R28	W15	448	1437	636	4261	145D	1.6	3630	3240	2970	-	2900	2640	2	4495	-	-
							23	8000	7140	6540	-	6390	5810	29	9900	-	-
IF 600/65R28*						160D		-----UNDER DEVELOPMENT-----									
IF 600/70R28	DW21B	625	1560	695	4597	164D	2.4	6250	5580	5130	-	5000	4550	3	7750	-	-
							35	13770	12290	11300	-	11010	10020	44	17070	-	-
IF 600/70R30	DW20B	615	1610	720	4770	159D	1.6	5470	4890	4480	-	4375	3980	2	6781	-	-
							23	12050	10770	9870	-	9640	8770	29	14940	-	-
							2.4	6440	5750	5280	-	5150	4690	3	7983	-	-
		24.2	63.4	28.3	187.8	165D	35	14190	12670	11630	-	11340	10330	44	17580	-	-
IF 620/75R30*						164D		-----UNDER DEVELOPMENT-----									
IF 650/75R30*						166D		-----UNDER DEVELOPMENT-----									
IF 800/70R32*						182A8		-----UNDER DEVELOPMENT-----									
IF 900/60R32*						193A8		-----UNDER DEVELOPMENT-----									
						188D		-----UNDER DEVELOPMENT-----									
IF 1250/50R32*						201A8		-----UNDER DEVELOPMENT-----									
IF 650/65R34*						161D		-----UNDER DEVELOPMENT-----									
IF 520/85R38	DW16L	540	1850	834	5482	167D	2.4	6810	6090	5590	-	5450	4960	3	8448	-	-
							35	15000	13410	12310	-	12000	10930	44	18610	-	-
IF 710/85R38*						178D		-----UNDER DEVELOPMENT-----									
IF 900/60R38*						184A8		-----UNDER DEVELOPMENT-----									
IF 520/85R42	DW16L	540	1955	879	5865	169D	2.4	7250	6480	5950	-	5800	5280	3	8990	-	-
							35	15970	14270	13110	-	12780	11630	44	19800	-	-
IF 710/70R42	DW25B	745	2062	929	6114	179D	2.4	9690	8650	7940	-	7750	7050	3	12013	-	-
							35	21340	19050	17490	-	17070	15530	44	26460	-	-
IF 710/75R42*						176D		-----UNDER DEVELOPMENT-----									
IF 710/65R46*						183D		-----UNDER DEVELOPMENT-----									

Combine Harvester

AGRISTAR 375 VF



AGRISTAR 375 VF is ideal for applications on combine harvesters. The tread pattern and lugs are designed to enable a comfortable and smooth ride on hard surfaces, combined with high traction and excellent self cleaning abilities off-road. Durable and elastic sidewalls contribute to a long tire life. A special stubble guard tread rubber compound contributes to long and efficient work on harvesters.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)										
								Speed, km/h (mph)						Cyclic*		CFO*		
		SW	OD					Not high and sustained torque; Road transport						Press.	Load	Load	Load	
		mm in	mm in					mm in	mm in	mm in	mm in	mm in	mm in	bar psi	10 6	15 9	20 12	25 up to 40 km/h 15 up to 25 mph
VF 800/65R32	DW27B	805	1850	808	5435	181D	2	8840	8250	8250	-	8250	7510	-	-	10970	9160	
		31.7	72.8	31.8	214		29	19470	18170	18170	-	18170	16540	-	-	24170	20170	

AGRISTAR 375 R-1W



COMBINE HARVESTER

4WD TRACTOR

MFWA

TRAILER

SPREADER

TANKER



AGRISTAR 375 is dedicated for applications on combine harvesters, high HP tractors, big wagons, spreaders and sprayers. Specific tread pattern and tire construction enables use on multipurpose applications. The tread pattern and lugs are designed to enable a comfortable and smooth ride on hard surfaces, combined with high traction and excellent self cleaning abilities off-road. Durable and elastic sidewalls contribute to long tire life. A special stubble guard tread rubber compound contributes to long and efficient work on harvesters.



Combine Harvester

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Not high and sustained torque; Road transport								Field operation	
								Static	10 6	25 16	30 19	40 25	50 31	65 40	Low Torque	High Tor	
mm in	mm in	mm in	mm in	Bar psi	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg			
1000/50R25	36.0HT-1.5	1060	1650	762	5068	172A8	2.4	14490	9450	6990	6740	6300	6300	-	8820	7560	6740
		41.7	65	30	199.5	172B	35	31920	20810	15400	14850	13880	13880	-	19430	16650	14850
620/75R26	DW20B	625	1595	727	4737	166A8	3	12190	7950	5880	5670	5300	5300	-	7420	6360	5670
	DW20A	24.6	62.8	28.6	186.5	166B	44	26850	17510	12950	12490	11670	11670	-	16340	14010	12490
	DW18L																
1050/50R32	36VA	1030	1906	871	5668	180A8	2.2	18400	12000	8880	8560	8000	-	11200	9600	8560	
	DW36A	40.6	75	34.3	223.1		32	40530	26430	19560	18850	17620	-	24670	21150	18850	
650/75R32	DW21B	650	1820	337	2087	172A8	3.2	14490	9450	6990	6740	6300	6300	-	8820	7560	6740
		25.6	71.7	13.3	82.2	172B	46	31920	20810	15400	14850	13880	13880	-	19430	16650	14850
800/65R32	DW27A	812	1845	845	5494	172A8	2.4	14490	9450	6990	6740	6300	6300	-	8820	7560	6740
		32	72.6	33.3	216.3	172B	35	31920	20810	15400	14850	13880	13880	-	19430	16650	14850
800/70R32	DW27A	780	1935	877	5706	175A8	2.4	10350	9250	7660	7380	7110	6900	6900	-	2.9	11730
		30.7	76.2	34.5	224.6	175B	35	22800	20370	16870	16260	15660	15200	15200	-	42	25840
900/60R32	DW27B DW28B DW30B	910	1905	844	5700	176A8	2.4	16330	10650	7880	7600	7100	7100	-	9940	8520	7600
						176B	35	35970	23460	17360	16740	15640	15640	-	21890	18770	16740
		35.8	75	33.2	224.4	182D	3.2	19550	10070	9780	9520	9310	8930	8500	13030	11170	9960
						185A8	46	43060	22180	21540	20970	20510	19670	18720	28700	24600	21940



BETTER VALUE.
SMARTER CHOICE.

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Not high and sustained torque; Road transport								Field operation	
																Low Torque	High Tor
mm in	mm in	mm in	mm in	Speed Symbol	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	65 40	10 6	20 12	10 6		
900/60R32	DW27B DW28B DW30B	910	1905	844	5700	176A8	2.4	16330	10650	7880	7600	7100	7100	-	9940	8520	7600
		35.8	75	33.2	224.4	176B	35	35970	23460	17360	16740	15640	15640	-	21890	18770	16740
						182D	3.2	19550	10070	9780	9520	9310	8930	8500	13030	11170	9960
						185A8	46	43060	22180	21540	20970	20510	19670	18720	28700	24600	21940
620/75R34	DW20A	610	1820	828	5399	170A8	3.2	13800	9000	6660	6420	6000	-	8400	7200	6420	
		24	71.7	32.6	212.6	170B	46	30400	19820	14670	14140	13220	13220	-	18500	15860	14140
710/75R34	DW23A	720	1945	880	5747	178A8	3.2	17250	11250	8330	8030	7500	-	10500	9000	8030	
		28.3	76.6	34.6	226.3	178B	46	38000	24780	18350	17690	16520	16520	-	23130	19820	17690
520/85R46 (Des.375)	DW16 W15	530	2050	941.2	6114	169D	3.2	13340	8700	6870	6670	6440	6090	5800	9020	7730	6890
		20.9	80.7	37.1	240.7	173A8	46	29380	19160	15130	14690	14190	13410	12780	19870	17030	15180
	DW18L																

* Alliance allows for Free Rolling application: Load capacity to be increased by 20%, after increasing the inflation pressure by 20%.

*Note: Please pay attention on increased inflation pressures under the cyclic operation.

MULTISTAR 376



SPEED

COMBINE HARVESTER

2WD TRACTOR

4WD TRACTOR

TRAILER

MFWA

SPREADER

TANKER



MULTISTAR 376 is dedicated to work on High Power Tractors, Combine harvesters, Big Wagons and Spreaders. Specific tread pattern and tire construction enables wide multipurpose applications. Tread pattern with moderate non skid depth, and slightly round shoulders enables comfortable and smooth run on hard surfaces, as well as high traction and good self cleaning in the fields. Strong casing reinforced by steel belts guarantee stable tire dimensions, high puncture protection and huge tire to soil contact area. Long tread life is provided by special Stubble Guard rubber compound, and durable sidewall compound.



Combine Harvester

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Inf. Press.	Recommend load, kg (lbs)											
		Speed, km/h (mph)										Field operation							
		Not high and sustained torque; Road transport										Low Torque		High Tor					
		SW	OD					mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	65 40
750/50R26	DW25B	751	1420	642	4260	151D	2.4	6190	5530	4580	4410	4250	4125	3750	3420	2.9	7010		
	DW23B	29.6	55.9	25.3	167.7	157A8	35	13630	12180	10090	9710	9360	9090	8260	7530	42	15440		
1050/50R32	DW36 36VA	1050 41.3	1870 73.6	833 32.8	5686 223.9			178A8	2.4	17250	11250	8330	8030	7500	6830	6300	10500	9000	8030
								172D	35	38000	24780	18350	17690	16520	15040	13880	23130	19820	17690
								185A8 182D	3.2	21280	13880	10270	9900	9250	9250	-	12950	11100	9900
									46	46870	30570	22620	21810	20370	20370	-	28520	24450	21810
900/60R32	DW27B	865 34.1	1898 74.7	852 33.5	5640 222			176D	2.4	16330	10650	8410	7210	7770	7460	7100	9940	8520	7600
									35	35970	23460	18520	15880	17110	16430	15640	21890	18770	16740
								182D	3.2	19550	12750	10070	8630	9270	8930	8500	12980	11120	9920
								185A8	46	43060	28080	22180	19010	20420	19670	18720	28590	24490	21850

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Inf. Press.	Recommend load, kg (lbs)									
		Speed, km/h (mph)										Inf. Press.	Cyclic Loading				
		Combine/Harvester low torque application															
		SW	OD					mm in	mm in	mm in	mm in	bar psi	10 6	15 9	25 16	30 19	35 22
680/85R32	DW21B	660	1960	882	5823	178A8	3.2	11250	10050	8330	8030	7730	7500	7500	-	3.8	12750
		26	77.2	34.7	229.3		46	24780	22140	18350	17690	17030	16520	16520	-	56	28080



BETTER VALUE.
SMARTER CHOICE.

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in	Not high and sustained torque; Road transport							Field operation						
				Static	10 6	25 16	30 19	40 25	50 31	65 40	10 6	20 12	10 6				
900/60R32	DW27B	865	1898	852	5640	176D	2.4	16330	10650	8410	7210	7770	7460	7100	9940	8520	7600
		34.1	74.7	33.5	222	182D	3.2	35970	23460	18520	15880	17110	16430	15640	21890	18770	16740
						185A8	4.6	43060	28080	22180	19010	20420	19670	18720	28590	24490	21850
						178A8	2.4	17250	11250	8330	8030	7500	6830	6300	10500	9000	8030
1050/50R32	DW36 36VA	1050	1870	833	5686	172D	3.5	38000	24780	18350	17690	16520	15040	13880	23130	19820	17690
		41.3	73.6	32.8	223.9	185A8	3.2	21280	13880	10270	9900	9250	9250	—	12950	11100	9900
						185A8	4.6	46870	30570	22620	21810	20370	20370	—	28520	24450	21810
620/70R46	DW20B	620	2060	940	6140	159D	1.6	10060	6560	5180	4440	4750	4590	4375	6650	5700	5080
		24.4	81.1	37	241.7	162A8	2.3	22160	14450	11410	9780	10460	10110	9640	14650	12560	11190

360 **R-1W** **A8**
SPEED



Alliance 360 is an extra wide agricultural tractor drive radial tire for harvester applications. It is characterized by increased load capacity for the same inflation pressure. Low inflation pressure combined with large footprint reduces soil compaction. A special stubble guard tread rubber compound contributes to long and efficient work on harvesters. The tire traction efficiency is increased by an effective traction/slip characteristic. Low angled lugs at the shoulder area improve traction, while higher angles around the tire center line improve ride comfort. Strong radial construction with reinforced beads and sidewalls provide long tire life.



Combine Harvester

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Inf. Press.	Recommend load, kg (lbs)									
		Speed, km/h (mph)															
		Combine/Harvester low torque application										Inf. Press.	Cyclic Loading				
		SW	OD					10	15	25	30			35	40	50	65
mm in	mm in	mm in	mm in	bar psi	6	9	16	19	22	25	31	40	bar psi	6			
#800/65R32	DH27	800	1850	825	5485	181A8	3.6	12380	11390	9160	8830	8500	8250	7510	-	4.3	14030
		31.5	72.8	32.5	215.9	178B	52	27270	25090	20180	19450	18720	18170	16540	-	63	30900

360 COMBINE HARVESTER - IMP

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Inf. press.	Recommend load, kg (lbs)												
		Speed, km/h (mph)							Free rolling					Drive wheel							
		SW	OD						10	25	30	40	Cyclic	10	25	30	40	Cyclic			
mm in	mm in	mm in	mm in	mm in	mm in	PR	Load index speed Sym	bar psi	6	16	19	25	Cyclic	6	16	19	25	Cyclic			
540/65R30	W16L	560	1486	670	4421	-	168A8	2.4	7840	6660	6270	5600	9410	5600	4760	4480	4000	8010			
	W18L	22	58.5	26.4	174.1	-	156A8	35	17270	14670	13810	12330	20730	12330	10480	9870	8810	17640			

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)						Field operation			
		Not high and sustained torque; Road transport						Low Torque			High Tor						
		mm in	mm in	mm in	mm in	Bar psi		Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12	10 6	
620/75R26	DW20B	625	1590	716	4685	167A8	3.2	12540	8180	6050	5830	5450	5000	7630	6540	5830	
		24.6	62.6	28.2	184.4	164B	46	27620	18020	13330	12840	12000	11010	16810	14410	12840	
#750/65R26 (28LR26)	DW25A DW23A	751	1623	730	4778	158A8	1.2	9780	6380	4720	4550	4250	3870	5950	5100	4550	
						155B	17	21540	14050	10400	10020	9360	8520	13110	11230	10020	
						166A8	2.4	12190	7950	5880	5670	5300	4820	7420	6360	5670	
						163B	35	26850	17510	12950	12490	11670	10620	16340	14010	12490	
						173A8	3	14950	9750	7220	6960	6500	5920	9100	7800	6960	
						170B	44	32930	21480	15900	15330	14320	13040	20040	17180	15330	
540/65R28	W16 W15L	550	1413	637	4166	137A8	1.2	5290	3450	2550	2460	2300	2090	3220	2760	2460	
		21.7	55.6	25.1	164	134B	17	11650	7600	5620	5420	5070	4600	7090	6080	5420	
#24.5R32	DW21A DW20A	622	1800	801	5264	**											
		24.5	70.9	31.5	207.2	159A8	1.6	10060	6560	4860	4680	4375	3980	6130	5250	4680	
						156B	23	22160	14450	10700	10310	9640	8770	13500	11560	10310	
#650/75R32	DW21A DW20A	625	1800	801	5264	172A8	3.2	14490	9450	6990	6740	6300	6300	8820	7560	6740	
		24.6	70.9	31.5	207.2	172B	46	31920	20810	15400	14850	13880	13880	19430	16650	14850	
30.5LR32	DH27 DW27A Reinforced Rim	775	1820	809	5319	**											
						167A8	1.6	12540	8180	6050	5830	5450	4960	7630	6540	5830	
						164B	23	27620	18020	13330	12840	12000	10930	16810	14410	12840	

						170A8	2	13800	9000	6660	6420	6000	5460	8400	7200	6420	
						167B	29	30400	19820	14670	14140	13220	12030	18500	15860	14140	
						173A8	2.4	14950	9750	7220	6960	6500	5920	9100	7800	6960	
170B	35	32930	21480	15900	15330	14320	13040	20040	17180	15330							
178A8	3.1	17250	11250	8330	8030	7500	6830	10500	9000	8030							
175B	45	38000	24780	18350	17690	16520	15040	23130	19820	17690							
600/65R38	W18L W16L	591	1745	795	5179	147A8	1.2	7070	4610	3410	3290	3075	2800	4310	3690	3290	
		23.3	68.7	31.3	203.9	144B	17	15570	10150	7510	7250	6770	6170	9490	8130	7250	
650/65R38	DW20A	645	1835	830	5422	154A8	1.2	8630	5630	4160	4010	3750	3410	5250	4500	4010	
						151B	17	19010	12400	9160	8830	8260	7510	11560	9910	8830	
						178A8	3.5	17250	11250	8330	8030	7500	6890	10500	9000	8030	
						175B	51	38000	24780	18350	17690	16520	15180	23130	19820	17690	
#620/70R42	DW20	650	1940	883	5754	166A8	1.9	12190	7950	5880	5670	5300	4820	7420	6360	5670	
						163B	28	26850	17510	12950	12490	11670	10620	16340	14010	12490	
						173A8	2.7	14950	9750	7220	6960	6500	5920	9100	7800	6960	
						170B	39	32930	21480	15900	15330	14320	13040	20040	17180	15330	
650/65R42	DW20 DW18	650	1940	883	5754	170A8	3.2	13800	9000	6660	6420	6000	5460	8400	7200	6420	
		25.6	76.4	34.8	226.5	167 B	46	30400	19820	14670	14140	13220	12030	18500	15860	14140	

360 TRACTOR RADIAL HIGH SPEED

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD					1) Not high and sustained torque; 2) Road transport									
		mm in	mm in					Non cyclic operation					Cyclic operation				
		25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9								
480/65R24	W15	479	1234	555	3633	133D	1.6	2370	2440	2260	2160	2060	1870	2	3500	3190	
	W14L	18.9	48.6	21.9	143	136A8	23	5220	5370	4980	4760	4540	4120	29	7710	7030	
#600/65R28	W18L	591	1480	655	4390	150A8	1.8	3450	3560	3290	3150	3000	2730	2.3	5100	4650	
	W16L	23.3	58.3	25.8	172.8	146D	26	7600	7840	7250	6940	6610	6010	33	11230	10240	
						157A8	2.4	4310	4440	4110	3940	3750	3410	3	6380	5810	
						154D	35	9490	9780	9050	8680	8260	7510	44	14050	12800	
540/65R30	W16L	560	1486	662	4349	153A8	2.4	3850	3970	3670	3520	3350	3050	3	5700	5190	
	W18L	22	58.5	26.1	171.2	150D	35	8480	8740	8080	7750	7380	6720	44	12560	11430	
#650/75R32	DW21A	625	1800	801	5403	172D	3.2	7250	7470	6900	6620	6300	5730	4	10710	9770	
	DW20A	24.6	70.9	31.5	212.7	175A8	46	15970	16450	15200	14580	13880	12620	58	23590	21520	
#800/65R32						166D	1.6	6100	6280	5800	5570	5300	4820	2	9010	8220	
						169A8	23	13440	13830	12780	12270	11670	10620	29	19850	18110	
	DW27B	800	1850	825	5485	173D	2.4	7480	7700	7120	6830	6500	5920	3	11050	10080	
	DH25B	31.5	72.8	32.5	215.9	176A8	35	16480	16960	15680	15040	14320	13040	44	24340	22200	
	DH27B					175D	3.1	7940	8180	7560	7250	6900	6280	3.9	11730	10700	
						178A8	45	17490	18020	16650	15970	15200	13830	57	25840	23570	
540/65R38	W16L	550	1675	767	4987	147D	1.6	3540	3640	3370	3230	3075	2800	2	5230	4770	
	W18L	21.7	65.9	30.2	196.3	150A8	23	7800	8020	7420	7110	6770	6170	29	11520	10510	
650/65R38	DW20A	645	1835	733	5009	171D	3.5	7070	7290	6730	6460	6150	5600	4.4	10460	9530	
		25.4	72.2	28.9	197.2		51	15570	16060	14820	14230	13550	12330	63	23040	20990	
#710/70R38						166D	1.6	6100	6280	5570	5570	5300	4820	2	9010	8220	
						168A8	23	13440	13830	12270	12270	11670	10620	29	19850	18110	
	DW23A	716	1948	877	5739	171D	2.4	7070	7290	6730	6460	6150	5600	3	10460	9530	
		28.2	76.7	34.5	225.9	174A8	35	15570	16060	14820	14230	13550	12330	44	23040	20990	
						178D	2.8	8630	8890	8210	7880	7500	6830	3.5	12750	11630	
					181A8	41	19010	19580	18080	17360	16520	15040	51	28080	25620		

Combine Harvester

YIELD MASTER 349

R-1



YIELD MASTER 349 is constructed with robust nylon casing and a strong bead to guard the tire against mechanical failures under tough working environments. This is a premium bias harvester tire. The 23° lug angle enables high overall traction and even wear saving time and fuel in the field. The close lug spacing of the tire reduces vibration. The tire's long tread bar design enables more grip and better ground contact.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommended load , kg (lbs)	
		SW	OD						Speed, km/h (mph)	
		mm in	mm in				mm in	mm in	Speed Symbol	bar psi
23.1-26	DW20B	592	1605	722	4730	14PR	-	2.0	-	3600
		23.3	63.2	28.4	186.2		-	29	-	7937
28L-26	DW25A	725	1630	725	4767	12PR	-	1.4	3350	-
		28.5	64.2	28.5	187.7		-	20	7380	-
30.5L-32	DW27A	775 30.5	1845 72.6	827 32.6	5421 213.4	12PR	-	1.4	-	4240
						-	-	20	-	9350
						16PR	166A6	1.7	-	5300
						18PR	170A6	2.1	-	6000
							30	-	13220	

570 HARVESTER SPECIAL



SPEED



COMBINE HARVESTER



MFWA



Alliance 570 is specially designed for Combine Harvester rear axle as either a free rolling or drive wheel. The tire is built to provide high load carrying capability at low inflation pressure thus applying minimum ground pressure and reducing soil damage.



Combine Harvester

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Free/ Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Free rolling					Drive Wheel				
								mm in	mm in	mm in	mm in	Load index speed Sym	bar psi	10 6	25 16	30 19	40 25
500/70R24 IMP	W16L	495	1312	569	3779	164A8 (FR)	2.8	7000	5950	5600	5000	8400	5430	4610	4340	3875	7760
	W15L	19.5	51.7	22.4	148.8	155A8 (DW)	41	15420	13110	12330	11010	18500	11010	10150	9560	8540	17090
500/85R24 IMP	W16L	528	1458	625	4164	171A8 (FR)	2.8	8610	7320	6890	6150	10330	5950	5060	4760	4250	8510
	W15L	20.8	57.4	24.6	163.9	158A8 (DW)	41	18960	16120	15180	13550	22750	13550	11150	10480	9360	18740
500/85R30 IMP	W16L	505	1602	698	4624	176A8 (FR)	2.8	9940	8450	7950	7100	11930	8400	7140	6720	6000	12010
	W15L	19.9	63.1	27.5	182	170A8 (DW)	41	21890	18610	17510	15640	26280	15640	15730	14800	13220	26450
620/70R30 IMP	DW20B	608	1622	727	4835	178A8 (FR)	2.5	10500	8930	8400	7500	12600	7420	6310	5940	5300	10610
	DW18L	23.9	63.9	28.6	190.4	166A8 (DW)	36	23130	19670	18500	16520	27750	16520	13900	13080	11670	23370

RADIAL FLOTATION

Radial
Flotation



Pattern Sizes by Segment

Size	L/PR	392	398 MPT	360	361	361 Radial Implement	362 MPT	368	390	393	862	865
280/70R15	137D/125D					●						
340/60R16.5	147D/135D					●						
380/55R16.5	152D/140D					●						
500/50R17	146D/149D				●							
435/50R19.5*	173D/											
24R20.5*	176F	●●●●										
385/65R22.5	164D										●●●●●	
400/55R22.5	146J/148F						●●					
445/65R22.5	160J		●●									
455/55R22.5*	N/A*		●●									
500/45R22.5 MPT	154F								●●●●			
500/60R22.5	146D/155D							●●●●				
	155D							●●●●			●●●●●	
550/45R22.5	151 E			●●●●								
560/45R22.5	146D				●							
	152D							●●●●			●●●●●	●●●●●
560/60R22.5	151D/156D							●●●●				
	161 E			●●●●								
	164D							●●●●				●●●●●
	165D										●●●●●	
	170D							●●●●				
580/65R22.5	172D			●●●●								
	166D			●●●●				●●●●				●●●●●
600/50R22.5	156D/159D							●●●●				
	159 E							●●●●				
600/20R22.5	159D			●●●●								
	164J						●●					
600/50R22.5	167D			●●●●								
	164J		●●	●								
	166F							●●●●				
	159D											●●●●●
600/55R22.5	162 E			●●●●								
	155D			●●●●								
620/40R22.5	154J		●●									
	148D/154D				●							
620/50R22.5	161D				●							
650/50R22.5	163 E			●●●●								
	163D											●●●●●
710/40R22.5	162D				●							
	N/A*		●●									
710/45R22.5	156D							●●●●				
	165D			●●●●								●●●●●

- 2 WD Tractors
- MFWA
- Sprayer
- Tanker
- 4 WD Tractors
- Trailer
- Lawn & Turf Vehicles
- Agricultural Loader
- Rigid Dump Truck
- Articulated Dump Truck
- Fertilizer Truck
- Spreader
- Baler

Pattern Sizes by Segment

Size	L/PR	392	398 MPT	380	381	381 Radial Implement	382 MPT	388	390	393	882	885
750/45R22.5	166 E			●●●●								
	N/A*		●●									
445/70R24*	162J		●●									
	151J		●●									
495/70R24	155J		●●									
28LR26	176A8 /173B								●●●●			
620/75R26	153A8/153B								●●●●			
	174D								●●●●			
710/65R26	176D								●●●●			
	185D								●●●●			
600/50R26.5	N/A*		●●									
600/55R26.5	165 E			●●●●								
	165D						●●●		●●●●			●●●●●
	177D			●●●●					●●●●			
620/55R26.5	N/A*		●●									
	166D				●							
650/55R26.5	167E			●●●●								
	170 D								●●●●			●●●●●
	178 D			●●●●					●●●●			
650/60R26.5	175J		●●									
	173D			●●●●								
	181D			●●●●								
650/65R26.5	165D						●●●					
	174 D			●●●●								
	181D			●●●●								
710/50R26.5	170D			●●●●	●							●●●●●
	172 D								●●●●			
	178D			●●●●								
	180D								●●●●			
750/45R26.5	N/A*		●●									
	170E			●●●●								●●●●●
750/55R26.5	170D		●●									
	N/A*		●●									
800/45R26.5	164D						●●●					
	174D				●							
600/60R30.5	177 D								●●●●			
	173 D								●●●●			
650/65R30.5	179D								●●●●			
	176 D			●●●●								
710/50R30.5	181D			●●●●								
	176D								●●●●			
	184D								●●●●			

- 2 WD Tractors
- MFWA
- Sprayer
- Tanker
- 4 WD Tractors
- Trailer
- Lawn & Turf Vehicles
- Agricultural Loader
- Rigid Dump Truck
- Articulated Dump Truck
- Fertilizer Truck
- Spreader
- Baler

Radial Flotation

Pattern Sizes by Segment

Size	LI/PR	392	398 MPT	380	381	381 Radial Implement	382 MPT	388	390	393	882	885
750/60R30.5	181 D			●●●●					●●●●			●●●●●
	190D								●●●●			
850/50R30.5	182 D								●●●●			
30.5LR32	181 B								●●●●			
35.5LR32	193A8/190B									●●●		
800/60R32	184 D								●●●●			
	185D			●●●●								
600/65R34	161D/164D							●●●				
650/60R34	172D/175D							●●●				
710/55R34	169D							●●●				
800/50R34	168D							●●●				
850/45R34	168D							●●●				

- 2 WD Tractors
- MFWA
- Sprayer
- Tanker
- 4 WD Tractors
- Trailer
- Lawn & Turf Vehicles
- Agricultural Loader
- Rigid Dump Truck
- Articulated Dump Truck
- Fertilizer Truck
- Spreader
- Baler

380

I-3



FLOTATION

SPEED



TRAILER



SPRAYER



ARTICULATED
DUMP TRUCK



FERTILIZER
TRUCK



Alliance 380 Implement Flotation tire provides full soil protection and flotation tire characteristics in field. The tire's high-speed steel belted radial flotation construction, combined with specific casings construction and special rubber compound enables it to run at high speed on road. Deep non-directional lug type pattern enables high mobility in field including significant traction ability as well as comfortable smooth run on road. Heavy duty tires are best suited for tough applications compared to the standard range.



SPECIAL
COMPOUND



ALL STEEL



STEEL
BELTED

380 HS#

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)												
		SW	OD					Speed, km/h (mph)												
								Mixed application												
								mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
600/50R22.5 MPT	AG20.00	608	1172	539	3616	164J	6.5	12500	9000	8420	6750	6250	5750	5600	5500	5430	5350	5200	5100	5000
	20.00DC	23.9	46.1	21.2	142.4			94	27530	19820	18550	14870	13770	12670	12330	12110	11960	11780	11450	11230

For Fertilizer Truck only.

380 HEAVY DUTY



SPECIAL
COMPOUND



STEEL
BELTED

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)											
		SW	OD					Speed, km/h (mph)											
								Mixed application											
								mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
560/60R22.5	AG16.00	550	1249	553	3824	172D	5	14490	11340	9950	9510	8570	7620	6740	6300				
		21.7	49.2	21.8	150.6			73	31920	24980	21920	20950	18880	16780	14850	13880			
600/50R22.5	AG20.00	611	1172	527	3588	167D	5	12540	9810	8610	8230	7410	6590	5830	5450				
		24.1	46.1	20.7	141.3			73	27620	21610	18960	18130	16320	14520	12840	12000			
600/55R26.5	AG 20.00	624	1350	606	4136	177D	5	16790	13140	11530	11020	9930	8830	7810	7300				
		24.6	53.1	23.9	162.8			73	36980	28940	25400	24270	21870	19450	17200	16080			
650/55R26.5	AG 20.00	641	1367	614	4150	178D	5	17250	13500	11850	11330	10200	9080	8030	7500				
		25.2	53.8	24.2	163.4			73	38000	29740	26100	24960	22470	20000	17690	16520			

Radial Flotation

380 HEAVY DUTY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		mm in	mm in	mm in	mm in	Mixed application									
						Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40		
650/60R26.5	AG20.00	660	1450	649	4260	181D	5	18980	14850	13040	12460	11220	9980	8830	8250
		26	57.1	25.6	167.7		73	41810	32710	28720	27440	24710	21980	19450	18170
650/65R26.5	AG 20.00	664	1522	688	4677	181D	5	18980	14850	13040	12460	11220	9980	8830	8250
		26.1	59.9	27.1	184.1		73	41810	32710	28720	27440	24710	21980	19450	18170
710/50R26.5	AG24.00	729	1401	634	4287	178D	5	17250	13500	11850	11330	10200	9080	8030	7500
		28.7	55.2	25	168.8		73	38000	29740	26100	24960	22470	20000	17690	16520
650/65R30.5	AG 20.00	676	1628	741	5003	181D	5	18980	14850	13040	12460	11220	9980	8830	8250
		26.6	64.1	29.2	197		73	41810	32710	28720	27440	24710	21980	19450	18170
800/60R32	DW27A	805	1800	812	5408	185D	4	21280	16650	14620	13970	12580	11190	9900	9250
		31.7	70.9	32	212.9		58	46870	36670	32200	30770	27710	24650	21810	20370

380 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in	Mixed application										
						Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 44		
550/45R22.5	AG16.00	550	1070	489	3180	151E	4	7940	6520	5940	5520	5000	4490	4000	3760	3450
		21.7	42.1	19.3	125.2		58	17490	14360	13080	12160	11010	9890	8810	8280	7600
560/60R22.5	AG16.00	554	1245	559	3800	161E	4	10640	8740	7960	7400	6710	6010	5410	5040	4625
		21.8	49	22	149.6		58	23440	19250	17530	16300	14780	13240	11920	11100	10190
580/65R22.5	AG16.00 AG20.00	585	1318	579	4041	166D	4	12190	9540	8370	8000	7210	6410	5670	5300	-
		23	51.9	22.8	159.1		58	26850	21010	18440	17620	15880	14120	12490	11670	-
600/50R22.5	20.00DC	611	1172	527	3584	159D	4	10060	7880	6910	6610	5950	5290	4680	4375	3980
		24.1	46.1	20.7	141.1		58	22160	17360	15220	14560	13110	11650	10310	9640	8770
600/55R22.5	AG20.00	600	1245	562	3670	162E	4	10930	8980	8180	7600	6890	6180	5510	5180	4750
		23.6	49	22.1	144.5		58	24070	19780	18020	16740	15180	13610	12140	11410	10460
620/40R22.5	AG20.00	620	1072	488	3180	155D	4	8910	6980	6120	5850	5270	4690	4150	3875	-
		24.4	42.2	19.2	125.2		58	19630	15370	13480	12890	11610	10330	9140	8540	-
650/50R22.5	AG20.00	650	1235	554	3630	163E	4	11210	9210	8390	7800	7070	6340	5660	5310	4875
		25.6	48.6	21.8	142.9		58	24690	20290	18480	17180	15570	13960	12470	11700	10740
710/45R22.5	AG24.00	727	1210	534	3676	165D	4	11850	9270	8140	7780	7000	6230	5510	5150	4690
		28.6	47.6	21	144.7		58	26100	20420	17930	17140	15420	13720	12140	11340	10330
750/45R22.5	AG24.00	750	1245	562	3670	166E	4	12190	10020	9130	8480	7690	6890	6150	5780	5300
		29.5	49	22.1	144.5		58	26850	22070	20110	18680	16940	15180	13550	12730	11670
600/55R26.5	AG20.00	625	1346	609	3980	165E	4	11850	9730	8860	8240	7470	6700	5970	5610	5150
		24.6	53	24	156.7		58	26100	21430	19520	18150	16450	14760	13150	12360	11340
650/55R26.5	AG20.00	645	1360	618	4175	167E	4	12540	10300	9390	8720	7900	7090	6320	5940	5450
		25.4	53.5	24.3	164.4		58	27620	22690	20680	19210	17400	15620	13920	13080	12000
650/60R26.5	AG20.00	660	1450	655	4280	173D	4	14950	11700	10270	9820	8840	7870	6960	6500	-
		26	57.1	25.8	168.5		58	32930	25770	22620	21630	19470	17330	15330	14320	-
650/65R26.5	AG20.00	664	1518	682	4470	174D	4	15410	12060	10590	10120	9110	8110	7170	6700	-
		26.1	59.8	26.9	176		58	33940	26560	23330	22290	20070	17860	15790	14760	-
710/50R26.5	AG24.00	732	1400	629.9	4290	170D	4	13800	10800	9480	9060	8160	7260	6420	6000	5460
		28.8	55.1	24.8	168.9		58	30400	23790	20880	19960	17970	15990	14140	13220	12030
750/45R26.5	AG24.00	740	1360	618	4138	170E	4	13800	11340	10330	9600	8700	7800	6960	6540	6000
		29.1	53.5	24.3	162.9		58	30400	24980	22750	21150	19160	17180	15330	14410	13220
650/65R30.5	AG20.00	680	1625	726	4770	176D	4	16330	12780	11220	10720	9660	8590	7600	7100	-
		26.8	64	28.6	187.8		58	35970	28150	24710	23610	21280	18920	16740	15640	-
750/60R30.5	AG24.00	767	1680	754	5113	181D	4	18980	14850	13040	12460	11220	9980	8830	8250	7510
		30.2	66.1	29.7	201.3		58	41810	32710	28720	27440	24710	21980	19450	18170	16540

390

I-2

F

FLOTATION

SPEED



TRAILER



SPRAYER



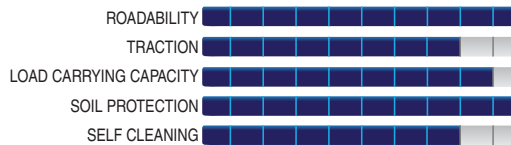
ARTICULATED
DUMP TRUCK



RIGID
DUMP-TRUCK



Alliance 390 Heavy Duty steel belted flotation radial Implement tires belong to the Agri-Transport series combining the best of flotation characteristics with the best of radial construction characteristics to provide excellent performance both on and off road. The tires can be used for multiple machines in on/off-the-road applications. MPT tires can drive up to 100 km/h and are best suited for tough applications compared to the standard range.



SB

STEEL BELTED

Radial Flotation

390 HEAVY DUTY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)							
		Speed, km/h (mph)						Mixed application							
		SW	OD					Static	10	25	30	40	50	60	65
		mm in	mm in					mm in	6	16	19	25	31	37	40
560/60R22.5 STEEL BELTED	AG16.00	565	1262	562	3844	170D	5	13800	10800	9480	9060	8160	7260	6420	6000
		22.2	49.7	22.1	151.3		73	30400	23790	20880	19960	17970	15990	14140	13220
560/60R22.5 ALL STEEL	AG16.00	556	1252	559	3834	170D	5	13800	10800	9480	9060	8160	7260	6420	6000
		21.9	49.3	22	150.9		73	30400	23790	20880	19960	17970	15990	14140	13220
710/65R26	DW25	730	1570	697	4784	185D	5	21280	16650	14620	13970	12580	11190	9900	9250
		28.7	61.8	27.4	188.3		73	46870	36670	32200	30770	27710	24650	21810	20370
600/55R26.5	AG20.00	625	1350	610	4119	177D	5	16790	13140	11530	11020	9930	8830	7810	7300
		24.6	53.1	24	162.2		73	36980	28940	25400	24270	21870	19450	17200	16080
650/55R26.5	20.00DC	663	1394	635	4140	178D	5	17250	13500	11850	11330	10200	9080	8030	7500
		26.1	54.9	25	163		73	38000	29740	26100	24960	22470	20000	17690	16520
710/50R26.5	AG24.00	734	1396	625	4249	180D	5	18400	14400	12640	12080	10880	9680	8560	8000
		28.9	55	24.6	167.3		73	40530	31720	27840	26610	23960	21320	18850	17620
600/60R30.5	AG20.00	630	1510	685	4621	179D	5	17830	13950	12250	11700	10540	9380	8290	7750
		24.8	59.4	27	181.9		73	39270	30730	26980	25770	23220	20660	18260	17070
710/50R30.5	AG24.00	725	1502	676	4576	184D	5	18630	14580	12800	12230	11020	9800	8670	9000
		28.5	59.1	26.6	180.2		73	41040	32110	28190	26940	24270	21590	19100	19820
750/60R30.5	24.00DC	770	1685	751	5125	190D	5	24380	19080	16750	16010	14420	12830	11340	10600
		30.3	66.3	29.6	201.8		73	53700	42030	36890	35260	31760	28260	24980	23350

390 STANDARD

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum.	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in	Mixed application													
				Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40						
500/60R22.5	16.00DC	510	1180	529	3616	155D	4	8910	6980	6120	5850	5270	4690	4150	3875	-	
		20.1	46.5	20.8	142.4		58	19630	15370	13480	12890	11610	10330	9140	8540		
560/45R22.5	AG 16.00	545	1078	483	3391	152D	4	8170	6390	5610	5360	4830	4300	3800	3550	-	
		21.5	42.4	19	133.5		58	18000	14070	12360	11810	10640	9470	8370	7820		
560/60R22.5	AG 16.00	572	1252	558	3671	164D	4	11500	9000	7900	7550	6800	6050	5350	5000	-	
		22.5	49.3	22	144.5		58	25330	19820	17400	16630	14980	13330	11780	11010		
580/65R22.5	AG16.00	582	1312	582	3984	166D	4	12190	9540	8370	8000	7210	6410	5670	5300	-	
		22.9	51.7	22.9	156.9		58	26850	21010	18440	17620	15880	14120	12490	11670		
600/50R22.5	20.00DC	583	1171	531	3470	159E	4	10060	8270	7310	7000	6340	5690	5080	4770	4375	
		23	46.1	20.9	136.6		58	22160	18220	16100	15420	13960	12530	11190	10510	9640	
28LR26	DW25	727	1542	688	4520	176A8	2.8	11800	10010	8510	8010	7150	6510	-	-	-	
		28.6	60.7	27.1	178	173B	41	25990	22050	18740	17640	15750	14340	-	-	-	
							4	15410	12060	10590	10120	9110	8110	7170	6700	-	
620/75R26 (23.1R26)	DW20B	620	1590	707	4721	174D	58	33940	26560	23330	22290	20070	17860	15790	14760	-	
		24.4	62.6	27.8	185.9	153A8	1.66	6020	5110	4340	4090	3650	3650	-	-	-	
						153B	24	13260	11260	9560	9010	8040	8040	-	-	-	
710/65R26	DW25	710	1545	690	4530	176D	4	16330	12780	11220	10720	9660	8590	7600	7100	-	
		28	60.8	27.2	178.3		58	35970	28150	24710	23610	21280	18920	16740	15640		
600/55R26.5	AG 20.00	624	1355	613	4119	165D	4	11850	9270	8140	7780	7000	6230	5510	5150	-	
		24.6	53.3	24.1	162.2		58	26100	20420	17930	17140	15420	13720	12140	11340		
650/55R26.5	20.00DC	660	1395	629	4110	170D	4	13800	10800	9480	9060	8160	7260	6420	6000	-	
		26	54.9	24.8	161.8		58	30400	23790	20880	19960	17970	15990	14140	13220		
710/50R26.5	24.00DC	730	1390	627	4100	172D	4	14490	11340	9950	9510	8570	7620	6740	6300	-	
		28.7	54.7	24.7	161.4		58	31920	24980	21920	20950	18880	16780	14850	13880		
800/45R26.5	28.00DC	810	1390	627	4100	177D	4	16790	13140	11530	11020	9930	8830	7810	7300	-	
		31.9	54.7	24.7	161.4		58	36980	28940	25400	24270	21870	19450	17200	16080		
600/60R30.5	20.00DC	635	1505	683	4460	173D	4	14950	11700	10270	9820	8840	7870	6960	6500	-	
		25	59.3	26.9	175.6		58	32930	25770	22620	21630	19470	17330	15330	14320		
710/50R30.5	24.00DC	727	1495	680	4430	176D	4	16330	12780	11220	10720	9660	8590	7600	7100	-	
		28.6	58.9	26.8	174.4		58	35970	28150	24710	23610	21280	18920	16740	15640		
750/60R30.5	24.00DC	780	1675	756	4950	181D	4	18980	14850	13040	12460	11220	9980	8830	8250	-	
		30.7	65.9	29.8	194.9		58	41810	32710	28720	27440	24710	21980	19450	18170		
850/50R30.5	28.00DC	882	1653	742	4860	182D	4	19550	15300	13430	12840	11560	10290	9100	8500	-	
		34.7	65.1	29.2	191.3		58	43060	33700	29580	28280	25460	22670	20040	18720		
30.5LR32	DW 27A	790	1800	805	5280	181B	3	18980	13120	11300	10730	9490	8250	-	-	-	
		31.1	70.9	31.7	207.9		44	41810	28900	24890	23630	20900	18170	-	-	-	
800/60R32	DW 27A	800	1800	806.22	5290	184D	4	20700	16200	14220	13590	12240	10890	9630	9000	-	
		31.5	70.9	31.7	208.3		58	45590	35680	31320	29930	26960	23990	21210	19820		

390 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum.	LI/LS	Infl. press	Recommend load, kg (lbs)												
		SW	OD					Speed, km/h (mph)												
		mm in	mm in	mm in	bar psi	Static	10 6	20 12	25 16	30 19	40 25	50 31	60 37	65 41	70 44	80 50	90 56	100 63		
500/45R22.5 MPT ALL STEEL	AG16.00	508	1025	472	3157	154F	6	9380	6750	-	5060	4690	4310	4200	4130	4030	3940	3750	-	-
		20	40.4	18.6	124.3		87	20660	14870	-	11150	10330	9490	9250	9100	8880	8680	8260	-	-
600/50R22.5 MPT ALL STEEL	20.00DC	585	1180	539	3510	166F	6	13250	9540	8745	7155	6625	6095	5936	5830	5698	5565	5300	-	-
		23	46.5	21.2	138.2		87	29190	21010	19260	15760	14590	13430	13070	12840	12550	12260	11670	-	-

382 MPT

FLOTATION

I-2



SPEED



ARTICULATED
DUMP TRUCK



RIGID
DUMP-TRUCK



Alliance 382 MPT from the radial flotation tire series is designed to optimize the efficiency of agricultural transportation. The Alliance 382 is an all-steel construction tire with specific casing and special rubber compounds. Deep non-directional block type pattern enables comfortable high-speed driving on road, as well as high mobility in the fields with low resistance for on road applications.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circm.	LI/LS	Infl. press	Recommend load, kg (lbs)												
		Speed, km/h (mph)																		
		SW mm in	OD mm in	6	10	20		25	30	40	50	60	65	70	80	90	100			
400/55R22.5 MPT	13.00DC	404 15.9	1020 40.2	474 18.7	3070 120.9	146J	6	7500	5400	5050	4050	3750	3450	3360	3300	3260	3210	3120	3060	3000
							87	16520	11890	11120	8920	8260	7600	7400	7270	7180	7070	6870	6740	6610
		148F	6	7880	5670	5200	4250	3940	3620	3530	3470	3390	3310	3150	-	-				
			87	17360	12490	11450	9360	8680	7970	7780	7640	7470	7290	6940	-	-				
600/50R22.5 MPT	20.00DC	600 23.6	1170 46.1	535 21.1	3590 141.3	164J	6.5	12500	9000	8420	6750	6250	5750	5600	5500	5430	5350	5200	5100	5000
							94	27530	19820	18550	14870	13770	12670	12330	12110	11960	11780	11450	11230	11010

Radial Flotation

398 MPT

FLOTATION



SPEED

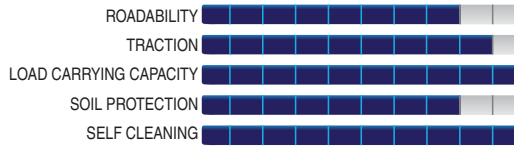


TRAILER

ARTICULATED
DUMP TRUCK



Alliance 398 MPT Flotation Radial is a unique High-Speed tire designed for performance on road as truck tires do and at the same time meets all strict regulations of working on agricultural fields. The tire minimizes soil compaction and functions as a modern flotation radial tire. It boasts of an all-steel construction and is capable of speeds. It provides maximum traction and high flotation abilities for field use. Its advanced tread pattern enables outstanding grip, as well as smooth and comfortable drive on road.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circ. RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)												
		Speed, km/h (mph)						Mixed Application												
		SW	OD					Static	10	15	25	30	40	50	60	65	70	80	90	100
		mm in	mm in					mm in	6	9	16	19	25	31	37	40	44	50	56	62
445/65R22.5 MPT ALL STEEL	14	455	1170	534	3592	160J	6.0	11250	8100	7570	6080	5630	5180	5040	4950	4880	4820	4680	4590	4500
	13	17.9	46.1	21	141.4		87	24780	17840	16670	13390	12400	11410	11100	10900	10750	10620	10310	10110	9910
455/55R22.5*						Flot All Steel		-----UNDER DEVELOPMENT-----												
600/50R22.5 MPT ALL STEEL	AG24.00	608	1172	542	3610	164J	6.5	12500	9000	8420	6750	6250	5750	5600	5500	5430	5350	5200	5100	5000
	20	23.9	46.1	21.3	142.1		94	27530	19820	18550	14870	13770	12670	12330	12110	11960	11780	11450	11230	11010
620/40R22.5*						154J		-----UNDER DEVELOPMENT-----												
710/40R22.5*								-----UNDER DEVELOPMENT-----												
750/45R22.5*								-----UNDER DEVELOPMENT-----												
445/70R24 MPT ALL STEEL	W14L					151J	4.5	8630	6210	5810	4660	4310	3970	3860	3800	3740	3690	3590	3520	3450
	DW15L						65	19010	13680	12800	10260	9490	8740	8500	8370	8240	8130	7910	7750	7600
	W13L	460	1243	571	3793															
	18.1	48.9	22.5	149.3		162J*		-----UNDER DEVELOPMENT-----												
495/70R24 MPT ALL STEEL	W14L					155J	4.5	9690	6980	6820	5230	4840	4460	4340	4260	4200	4150	4030	3950	3875
	DW16L	512	1310	600	4016		65	21340	15370	14360	11520	10660	9820	9560	9380	9250	9140	8880	8700	8540
	20.2	51.6	23.6	158.1				-----UNDER DEVELOPMENT-----												
600/50R26.5*							-----UNDER DEVELOPMENT-----													
600/55R26.5*							-----UNDER DEVELOPMENT-----													
650/55R26.5*							-----UNDER DEVELOPMENT-----													
710/50R26.5*							-----UNDER DEVELOPMENT-----													
750/45R26.5*							-----UNDER DEVELOPMENT-----													

393

I-2

B

FLOTATION

SPEED



TRAILER



BALER

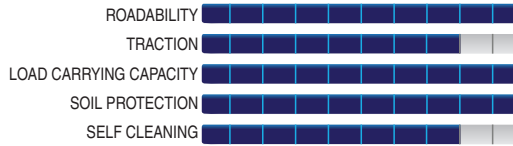


TANKER



Alliance 393 combines the best characteristics of flotation tires and radial construction in order to provide superior performance on road and in field applications.

It includes strong fabric carcass reinforced by steel belts. This pattern is characterized by directional blocks configuration ensuring the best possible self cleaning ability and assists in maintaining on-road direction. Due to its huge internal volume, the tire is also characterized by low inflation pressure of upto 3 bar (43.5 psi) promising low soil compaction for the highest possible load capacity. This tire's stiffness is increased in both radial and lateral directions by additional ply added to the basic carcass.



SB

STEEL BELTED

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Inf. Press.	Recommend load, kg (lbs)						Field Service Max Cyclic Load	
		SW	OD					Speed, km/h (mph)							
								Mixed Application						Speed	
		mm in	mm in					mm in	mm in	bar psi	Static	10 6	25 16	30 19	40 25
35.5LR32 (900/65R32)	DH31 DW31 DW30	925	1986	863.9	5961	193A8	3	20420	15980	14030	13410	11500	10600	17940	16330
		36.4	78.2	34	234.7	190B	44	44980	35200	30900	29540	24330	23350	39510	35970

388

I-3

D

FLOTATION

SPEED



TRAILER



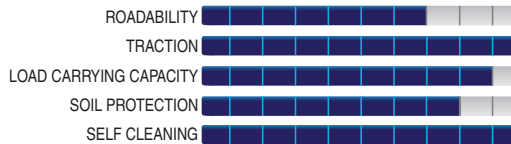
SPRAYER



TANKER



Alliance 388 is designed to meet severe agricultural applications ranging from spreaders to special trailers (eg. for sugar cane production and implements). The directional tread pattern provides moderate traction as well as efficient self-cleaning. The tire's large soil contact area, strong rounded lugs and low inflation pressure promises low ground pressure thus minimizing soil compaction and damage. Dense lug distribution around the tire enables smooth and efficient movement on roads.



SB

STEEL BELTED

Radial Flotation

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
		Speed, km/h (mph)						Mixed application								
		SW	OD					Static	10	25	30	40	50	60	65	70
		mm in	mm in					mm in	6	16	19	25	31	37	40	44
500/60R22.5	AG16.00	503	1172	515	3214	146D	2.8	6900	5400	4740	4530	4080	3630	3210	3000	2730
		19.8	46.1	20.3	126.5		41	15200	11890	10440	9980	8990	8000	7070	6610	6010
							155D	4	8910	6980	6120	5850	5270	4690	4150	3875
560/60R22.5	AG16.00	538	1230	545	3721	151D	2.8	7940	6210	5450	5210	4690	4170	3690	3450	3140
		21.2	48.4	21.5	146.5		41	17490	13680	12000	11480	10330	9190	8130	7600	6920
							156D	3.8	9200	7200	6320	6040	5440	4840	4280	4000
600/50R22.5	AG20.00	595	1168	526	3540	156D	3.6	9200	7200	6320	6040	5440	4840	4280	4000	3640
		23.4	46	20.7	139.4		52	20260	15860	13920	13300	11980	10660	9430	8810	8020
							159D	4	10060	7880	6910	6610	5950	5290	4680	4375
710/45R22.5	AG24.00	711	1210	536.4	3681	156D	2.8	9200	7200	6320	6040	5440	4840	4280	4000	3640
		28	47.6	21.1	144.9		41	20260	15860	13920	13300	11980	10660	9430	8810	8020
600/55R26.5	AG20.00	603	1340	601	4100	165D	4	11850	9270	8140	7780	7000	6230	5510	5150	4690
		23.7	52.8	23.7	161.4		58	26100	20420	17930	17140	15420	13720	12140	11340	10330
650/65R26.5	20.00DC	651	1500	661	4509	165D	2.8	11850	9270	8140	7780	7000	6230	5510	5150	4690
		25.6	59.1	26	177.5		41	26100	20420	17930	17140	15420	13720	12140	11340	10330
750/55R26.5	AG24.00	756	1498	662	4462	164D	2.4	11500	9000	7900	7550	6800	6050	5350	5000	4550
		29.8	59	26.1	175.7		35	25330	19820	17400	16630	14980	13330	11780	11010	10020
600/65R34	DW20 DW18	610	1650	747.9	5101	161D	2.4	10640	8330	7310	6980	6290	5600	4950	4625	4210
		24	65	29.4	200.8		35	23440	18350	16100	15370	13850	12330	10900	10190	9270
							164D	2.8	11500	9000	7900	7550	6800	6050	5350	5000
						41	25330	19820	17400	16630	14980	13330	11780	11010	10020	



BETTER VALUE.
SMARTER CHOICE.

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)										
		SW	OD					Speed, km/h (mph)										
		mm in	mm in	mm in	mm in	Mixed application												
						Bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 44			
650/60R34	DW20 DW23 DW18	660	1650	760.4	5117	172D	3.6	14490	11340	9950	9510	8570	7620	6740	6300	5730		
		26	65	29.9	201.5		52	31920	24980	21920	20950	18880	16780	14850	13880	12620		
		710/55R34	DW24	712	1656	720	4910	175D	4	15870	12420	10900	10420	9380	8350	7380	6900	6280
				28	65.2	28.3	193.3		58	34960	27360	24010	22950	20660	18390	16260	15200	13830
800/50R34	DW25	800	1659	746	5088	169D	2.8	13340	10440	9160	8760	7890	7020	6210	5800	5280		
		28	65.2	28.3	193.3		41	29380	23000	20180	19300	17380	15460	13680	12780	11630		
850/45R34	DW28	800	1659	746	5088	168D	2.4	12880	10080	8850	8460	7620	6780	5990	5600	5100		
		31.5	65.3	29.4	200.3		35	28370	22200	19490	18630	16780	14930	13190	12330	11230		
850/45R34	DW28	843	1657	738	4849	168D	2.1	12880	10080	8850	8460	7620	6780	5990	5600	5100		
		33.2	65.2	29.1	190.6		30	28370	22200	19490	18630	16780	14930	13190	12330	11230		

885

I-3

D

FLOTATION

SPEED



FERTILIZER TRUCK



ARTICULATED DUMP TRUCK



TRAILER



SPRAYER



BALER



The Alliance 885 is a new generation tire engineered for light duty applications like balers, grain wagons, cultivators, fast moving small agricultural trailers, wagons, grassland trailers etc. It has high load carrying capacity, working speed and superior distribution of pressure on the surface. High crown radius provides maximum footprint area which adds to the flotation characteristic. Its large lug contact area at the center line enables smooth and comfortable run on road. Rounded shoulders cause least possible damage of soil and plants. Lower rolling resistance enhances fuel efficiency of prime movers. Strong nylon/polyester casing and strong tread compound provides higher wear resistance. A strong bead bundle with extra thick reinforced sidewall and a high turn up of plies around bead ensures excellent stability and protection against external damages.



Size	Rim	Onloaded dimension		Loaded Static	Rolling Circum	Load Index Speed Symbol	Infl. Press.	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm in	mm in					Static	10 6	30 18	40 25	50 31	65 40
560/45R22.5 STEEL BELTED	AG16.00	543	1060	478	3260	152D	4	8170	6390	5360	4830	4300	3550
		21.4	41.7	18.8	128.3		58	18000	14070	11810	10640	9470	7820
560/60R22.5 STEEL BELTED	AG16.00	555	1230	553	3620	164D	4	11500	9000	7550	6800	6050	5000
		21.9	48.4	21.8	142.5		58	25330	19820	16630	14980	13330	11010
580/65R22.5 STEEL BELTED	AG16.00	574	1315	580	4040	166D	4	12190	9540	8000	7210	6415	5300
		22.6	51.8	22.8	159.1		58	26875	21030	17635	15895	14140	11685
600/50R22.5 STEEL BELTED	AG20.00	606	1172	532	3470	159D	4	10060	7875	6605	5950	5295	4375
		23.9	46.1	20.9	136.6		58	22180	17360	14560	13115	11675	9645
650/50R22.5*						163D		-----UNDER DEVELOPMENT-----					
710/45R22.5 STEEL BELTED	AG 24.00	725	1210	535	3675	165D	4	11850	9270	7780	7000	6230	5150
		28.5	47.6	21.1	144.6		58	26100	20420	17140	15420	13720	11340
600/55R26.5 STEEL BELTED	AG20	625	1345	610	3980	165D	4	11850	9270	7780	7000	6230	5150
		24.6	53	24	156.6		58	26100	20420	17140	15420	13720	11340
650/55R26.5 STEEL BELTED	AG20.00X26.5	648	1380	630	4080	170D	4	13800	10800	9060	8160	7260	6000
		25.5	54.3	24.8	160.6		58	30400	23790	19960	17970	15990	13220
710/50R26.5*						170D		-----UNDER DEVELOPMENT-----					
750/45R26.5*						170D		-----UNDER DEVELOPMENT-----					
750/60R30.5*						181D		-----UNDER DEVELOPMENT-----					

*= Under Development

Radial Flotation

882

I-2

D

FLOTATION

SPEED



ARTICULATED
DUMP TRUCK



RIGID
DUMP-TRUCK



TRAILER



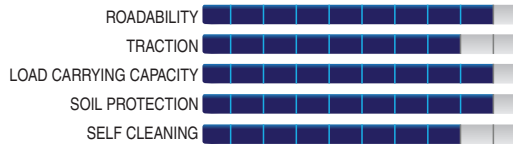
SPRAYER



BALER



Alliance 882 Implement tire combines the best characteristics of flotation tires and radial construction to provide superior performances on road and in field applications. One of its salient features is a strong fabric carcass reinforced by rigid steel belts. Its directional block configuration ensures best possible self cleaning ability and assists in keeping on/off the road travel direction. Due to its huge internal volume the tire is characterized by low inflation pressure that promises low soil compaction for very high load capacity. This tire's stiffness is increased in both radial and lateral directions by additional ply added to the basic carcass.



SPECIAL
COMPOUND



STEEL
BELTED

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
		Speed, km/h (mph)						Mixed application								
		SW	OD					Static	10	25	30	40	50	60	65	70
		mm in	mm in					mm in	6	16	19	25	31	37	40	44
385/65R22.5	AG11.75	389	1075	493	3205	164D	9	11500	9000	7900	7550	6800	6050	5350	5000	-
		15.3	42.3	19.4	126.2		131	25353	19842	17416	16645	14991	13338	11795	11023	-
500/60R22.5	AG16	510	1180	529	3616	155D	4	8910	6980	6120	5850	5270	4690	4150	3875	-
		20.1	46.5	20.8	142.3		58	19630	15370	13480	12890	11610	10330	9140	8540	-
560/45R22.5	AG 16.00	543	1076	485	3310	152D	4	8170	6390	5610	5360	4830	4300	3800	3550	-
		21.4	42.4	19.1	130.3		58	18000	14070	12360	11810	10640	9470	8370	7820	-
560/60R22.5	AG 16.00	565	1244	555	3650	165D	4.2	11850	9270	8140	8320	7000	6230	5510	5150	-
		22.2	49	21.9	143.7		61	26100	20420	17930	18330	15420	13720	12140	11340	-

381

FLOTATION

I-2

D

SPEED



TRAILER



Alliance 381 is a steel belted radial flotation tire that has been developed to serve the needs of specific niche applications on sensitive surfaces, which require optimized soil and plant protection, such as grasslands. The unique rib type pattern, together with shoulders and more aggressive lugs, enables maximum possible tire's footprint and lowest possible ground pressure. The shoulder lugs, with excellent self cleaning capabilities, enable adequate and permanent grip, thus preventing any excessive tire slippage and any consequent damage to the surface.



SB

STEEL BELTED

Radial Flotation

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)									
		Speed, km/h (mph)						Mixed application									
		SW	OD					Static	10	25	30	40	50	60	65	70	
		mm in	mm in					mm in	6	16	19	25	31	37	40	44	
500/50R17 Steel belted	AG16.00	494	950	421	2870	146D	4	6900	5400	4740	4530	4080	3630	3210	3000	2730	
		19.4	37.4	16.6	113	149D	58	15200	11890	10440	9980	8990	8000	7070	6610	6010	
560/45R22.5 Steel Belted	AG 16.00	540	1080	485	3295	146D	3.2	6900	5400	4740	4530	4080	3630	3210	3000	2730	
		21.3	42.5	19.1	129.7	146D	46	15200	11890	10440	9980	8990	8000	7070	6610	6010	
620/40R22.5 Steel belted	AG 20.00	612	1080	486	3295	148D	3.2	7250	5670	4980	4760	4280	3810	3370	3150	2870	
		24.1	42.5	19.1	129.7	148D	46	15970	12490	10970	10480	9430	8390	7420	6940	6320	
620/55R22.5 Steel belted	AG 20.00	600	1170	520	3601	161D	4	10640	8330	7310	6980	6290	5600	4950	4625	4210	
		23.6	46.1	20.5	141.8	161D	58	23440	18350	16100	15370	13850	12330	10900	10190	9270	
710/40R22.5 Steel belted	AG 24.00	702	1161	521	3572	162D	4	10930	8550	7510	7170	6460	5750	5080	4750	4320	
		27.6	45.7	20.5	140.6	162D	58	24070	18830	16540	15790	14230	12670	11190	10460	9520	
620/55R26.5 Steel belted	AG 20.00	612	1356	608	4147	166D	4	12190	9540	8370	8000	7210	6410	5670	5300	4820	
		24.1	53.4	23.9	163.3	166D	58	26850	21010	18440	17620	15880	14120	12490	11670	10620	
710/50R26.5 Steel belted	AG 24.00	710	1360	610	4171	170D	4	13800	10800	9480	9060	8160	7260	6420	6000	5460	
		28	53.5	24	164.2	170D	58	30400	23790	20880	19960	17970	15990	14140	13220	12030	
800/45R26.5 Steel belted	AG 28.00	801	1374	613	4239	174D	4	15410	12060	10590	10120	9110	8110	7170	6700	6100	
		31.5	54.1	24.1	166.9	174D	58	33940	26560	23330	22290	20070	17860	15790	14760	13440	



BETTER VALUE.
SMARTER CHOICE.

381 RADIAL IMPLEMENT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. Press	Recommend load, kg (lbs)												
		SW	OD					Speed, km/h (mph)												
		Mixed Application						Free rolling						Drive Wheel						
		mm / in	mm / in	mm / in	mm / in	bar		10	25	40	50	65	70	10	25	40	50	65	70	
280/70R15	W8	280	775	350	2305	137D (F.R)	5	4140	3635	3125	2785	2300	2095	2970	2605	2245	1995	1650	1500	
		11	30.5	13.8	90.7	125D (D.W)	73	9125	8015	6890	6140	5070	4620	6545	5740	4950	4400	3635	3305	
340/60R16.5	9.75	335	825	375	2455	147D (F.R)	5.5	5535	4860	4180	3720	3075	2800	3925	3445	2965	2630	2180	1985	
		13.2	32.5	14.8	96.7	135D (D.W)	80	12200	10715	9215	8200	6780	6170	8655	7595	6535	5800	4805	4375	
380/55R16.5	12	380	834	380	2485	152D (F.R)	5.5	6390	5610	4825	4295	3550	3230	4500	3950	3400	3025	2500	2275	
		15	32.8	15	97.8	140D (D.W)	80	14085	12365	10635	9470	7825	7120	9920	8710	7495	6670	5510	5015	

BIAS FLOTATION

Bias
Flotation



Pattern Sizes by Segment

Size	L/PR	331	328	328 Heavy Duty	328 HS	328 Radial	328 Value Plus	331 Radial
400/60-15.5	126A8/123B		●●					
	145A8/142B		●●					
	132A8/128B		●●					
500/50R17	145D					●●		
400/55-17.5	16PR				●●			
	8PR				●●			
	12PR				●●			
38x18.00-20	12PR	●●●●						
42x25.00-20	12PR	●●●●						
44x18.00-20	4PR	●●●●						
	6PR	●●●●						
48x25.00-20	12PR	●●●●						
48x31.00-20	12PR	●●●●						
500/45-20	8PR	●●●●						
	12PR	●●●●						
500/50-20	16PR	●●●●						
400/55-22.5	12PR		●●		●●			
	16PR		●●		●●		●●	
	8PR				●●			
400/60-22.5	18PR		●●					
500/45-22.5	12PR		●●		●●			
	16PR		●●		●●		●●	
	8PR				●●			
500/60-22.5	16PR	●●●●	●●		●●		●●	
	8PR	●●●●	●●		●●			
	12PR	●●●●	●●		●●			
550/45-22.5	12PR	●●●●	●●					
	16PR	●●●●	●●		●●		●●	
	22PR	●●●●						
550/60-22.5	8PR	●●●●	●●					
	12PR	●●●●	●●		●●			
	16PR	●●●●	●●		●●		●●	
600/40-22.5	12PR	●●●●						
600/45R22.5	165A8 /161B						●●●●	
600/50-22.5	16PR	●●●●	●●		●●			
	8PR	●●●●			●●			
	12PR	●●●●	●●		●●			
600/55-22.5	16PR	●●●●	●●		●●			
	8PR	●●●●	●●		●●			
	12PR	●●●●	●●		●●			

- 2 WD Tractors
- MFWA
- Sprayer
- Rigid Dump Truck
- 4 WD Tractors
- Trailer
- Articulated Dump Truck
- Fertilizer Truck
- Spreader
- Baler

Pattern Sizes by Segment

Size	LI/PR	331	328	328 Heavy Duty	328 HS	328 Radial	328 Value Plus	331 Radial
700/40-22.5	177A6			●●				
	175A7/173A8			●●				
700/50-22.5	162A8/158B			●●				
	174A8 /170 B			●●				
700/40-22.5	16PR	●●●●			●●			
	8PR				●●			
	12PR	●●●●			●●			
700/40-22.5	16PR		●●					
	18PR		●●					
700/50-22.5	16PR	●●●●	●●		●●			
	8PR				●●			
	12PR	●●●●	●●		●●			
800/35-22.5	16PR				●●			
500/60-26.5	12PR	●●●●						
	16PR	●●●●						
600/50-26.5	16PR	●●●●						
600/55-26.5	16PR	●●●●	●●		●●			
	8PR				●●			
	12PR	●●●●	●●		●●			
700/40-26.5	8PR	●●●●						
	16PR	●●●●						
700/50-26.5	16PR	●●●●	●●		●●			
	8PR	●●●●			●●			
	12PR	●●●●	●●		●●			
800/45-26.5	16PR	●●●●	●●					
	8PR	●●●●	●●					
	12PR	●●●●	●●					
600/60-30.5	16PR	●●●●	●●					
	8PR	●●●●	●●					
	12PR	●●●●	●●					
700/50-30.5	12PR	●●●●						
	16PR	●●●●						
710/50R30.5	176D						●●●●	
750/60-30.5	16PR		●●		●●			
800/45-30.5	16PR	●●●●						
800/45-30.5*	16PR		●●					
	12PR		●●					
	16PR		●●					
850/50-30.5	16PR		●●					
	18PR		●●					

Bias Flotation

- 2 WD Tractors
- MFWA
- Sprayer
- Rigid Dump Truck
- 4 WD Tractors
- Trailer
- Articulated Dump Truck
- Fertilizer Truck
- Spreader
- Baler

331

I-3



FLOTATION

SPEED



MFVA



TRAILER



SPRAYER



RIGID
DUMP-TRUCK



ARTICULATED
DUMP TRUCK



Alliance 331 Heavy Duty Flotation tread design is basically a traction profile with good self cleaning characteristics suitable for on/off road agricultural service on tractors, cross country vehicles, trailers and agricultural implements. High load carrying capacity and low inflation pressure is the main characteristic of this tire. Strong nylon construction and compounds ensure long tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		Speed, km/h (mph)							Free rolling				Drive Wheel			
		10	25						40	50	10	25	40	50		
		6	16						25	31	6	16	25	31		
38x18.00-20 NHS	W14L W14LH	456 18	991 39	438 17.2	2890 113.8	12	129A8	3.7 54	2640	2030	1860	1750	1890	1450	1330	1250
							127 B		5810	4470	4100	3850	4160	3190	2930	2750
							118A8									
42x25.00-20 NHS	20.50VF	622 24.5	1080 42.5	480 18.9	3160 124.4	12	137A8	3.1 45	3290	2530	2310	2180	2340	1800	1640	1550
							135 B		7250	5570	5090	4800	5150	3960	3610	3410
							125A8									
44x18.00-20 NHS	W14L W14LH	457 18	1143 45	492 19.4	3270 128.7	4	125A8	1.4 20	2340	1800	1640	1550	1650	1260	1160	1090
							123 B		5150	3960	3610	3410	3630	2780	2560	2400
							113A8									
44x18.00-20 NHS	W14L W14LH	457 18	1143 45	492 19.4	3270 128.7	6	134A8	2.1 30	3020	2320	2120	2000	2110	1620	1480	1400
							132 B		6650	5110	4670	4410	4650	3570	3260	3080
							122A8									
48x25.00-20 NHS	20.50VF	635 25	1245 49	548 21.6	3620 142.5	12	151A8	3.1 45	4910	3770	3450	3250	3470	2670	2440	2300
							149 B		10810	8300	7600	7160	7640	5880	5370	5070
							139A8									
48x31.00-20 NHS	26.00VF	775 30.5	1245 49	550 21.7	3630 142.9	12	150A8	2.8 41	4760	3650	3340	3150	3380	2600	2370	2240
							148 B		10480	8040	7360	6940	7440	5730	5220	4930
							138A8									
							136 B									





BETTER VALUE.
SMARTER CHOICE.

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
		mm in	mm in	Free rolling					Drive Wheel							
				10 6	25 16		40 25		50 31	10 6	25 16	40 25	50 31			
500/45-20	16.00DC	490 19.3	950 37.4	433 17	2820 111	8	139A8	1.9 28	3400 7490	2890 6370	2430 5350	2190 4820	2380 5240	2020 4450	1700 3740	1530 3370
							135 B									
							126A8									
							123B									
							147A8									
							144 B									
500/50-20 Special Compound	16.00DC	470 18.5	990 39	452 17.8	2940 115.7	16	134A8	2.8 41	4310 9490	3660 8060	3075 6770	2770 6100	2970 6540	2520 5550	2120 4670	1910 4210
							137A8									
							130 B									
							149A8									
							145 B									
							137A8									
500/60-22.5 Steel Belted	16.00DC	500 19.7	1170 46.1	510 20.1	3380 133.1	8	133 B	1.6 23	4550 10020	3870 8520	3250 7160	2930 6450	3140 6920	2670 5880	2240 4930	2020 4450
							149A8									
							146 B									
							136A8									
							132 B									
							157A8									
500/60-22.5 Steel Belted	16.00DC	550 21.7	1070 42.1	488 19.2	3180 125.2	12	154 B	2.4 35	5780 12730	4910 10810	4125 9090	3710 8170	4060 8940	3450 7600	2900 6390	2610 5750
							145A8									
							142 B									
							163A8									
							159 B									
							151A8									
550/45-22.5 Steel Belted	18.00DC	550 21.7	1238 48.7	540 21.3	3580 140.9	8	148 B	1.4 20	4060 8940	3450 7600	2900 6390	2610 5750	2800 6170	2380 5240	2000 4410	1800 3960
							145A8									
							142 B									
							132A8									
							128 B									
							153A8									
550/45-22.5 Steel Belted	18.00DC	550 21.7	1238 48.7	540 21.3	3580 140.9	12	149 B	2.1 30	5110 11260	4340 9560	3650 8040	3290 7250	3610 7950	3060 6740	2575 5670	2320 5110
							141A8									
							137 B									
							159A8									
							156 B									
							147A8									
550/60-22.5	16.00DC	550 21.7	1238 48.7	540 21.3	3580 140.9	16	143 B	2.8 41	6130 13500	5210 11480	4375 9640	3940 8680	4310 9490	3660 8060	3075 6770	2770 6100
							166A8									
							162B									
							154A8									
							150B									
							153A8									
550/60-22.5	16.00DC	550 21.7	1238 48.7	540 21.3	3580 140.9	8	150B	1.4 20	5110 11260	4340 9560	3650 8040	3290 7250	3500 7710	2980 6560	2500 5510	2250 4960
							140A8									
							136 B									
							160A8									
							156 B									
							148A8									
550/60-22.5	16.00DC	550 21.7	1238 48.7	540 21.3	3580 140.9	12	144 B	2.1 30	6300 13880	5360 11810	4500 9910	4050 8920	4410 9710	3750 8260	3150 6940	2840 6260
							144 B									
							167A8									
							163 B									
							154A8									
							150 B									

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)														
		SW	OD						Speed, km/h (mph)														
		mm in	mm in	Free rolling				Drive Wheel															
				10 6	25 16		40 25	50 31	10 6	25 16	40 25	50 31											
600/40-22.5 Steel Belted	20.00DC	600 23.6	1090 42.9	480 18.9	3168 124.7	12	154A8																
							150 B	2.1	5250	4460	3750	3380	3710	3150	2650	2390							
							142A8	30	11560	9820	8260	7440	8170	6940	5840	5260							
							138 B																
						16	160A8																
							157 B	2.8	6300	5360	4500	4050	4410	3750	3150	2840							
							148A8	41	13880	11810	9910	8920	9710	8260	6940	6260							
							144 B																
600/50-22.5	20.00DC	600 23.6	1170 46.1	510 20.1	3380 133.1	12	159A8																
							156 B	2	6130	5210	4375	3940	4310	3660	3075	2770							
							147A8	29	13500	11480	9640	8680	9490	8060	6770	6100							
							144 B																
						16	165A8																
							161 B	2.6	7210	6130	5150	4640	5110	4340	3650	3290							
							153A8	38	15880	13500	11340	10220	11260	9560	8040	7250							
							149 B																
600/55-22.5	20.00DC	602 23.7	1270 50	533 21	3580 140.9	12	164A8																
							160 B	2	7000	5950	5000	4500	4830	4110	3450	3110							
							151A8	29	15420	13110	11010	9910	10640	9050	7600	6850							
							148 B																
						16	169A8																
							166 B	2.6	8120	6900	5800	5220	5600	4760	4000	3600							
							156A8	38	17890	15200	12780	11500	12330	10480	8810	7930							
							153 B																
700/40-22.5	24.00DC	700 27.6	1170 46.1	510 20.1	3379 133	12	160A8																
							157 B	1.7	6300	5360	4500	4050	4410	3750	3150	2840							
							148A8	25	13880	11810	9910	8920	9710	8260	6940	6260							
							144 B																
						16	166A8																
							162 B	2.2	7420	6310	5300	4770	5250	4460	3750	3380							
							154A8	32	16340	13900	11670	10510	11560	9820	8260	7440							
							150 B																
700/50-22.5	24.00DC	700 27.6	1270 50	550 21.7	3650 143.7	12	168A8																
							164 B	1.8	7840	6660	5600	5040	5600	4760	4000	3600							
							156A8	26	17270	14670	12330	11100	12330	10480	8810	7930							
							153 B																
						16	174A8																
							170 B	2.4	9380	7970	6700	6030	6650	5650	4750	4280							
							162A8	35	20660	17560	14760	13280	14650	12440	10460	9430							
							158 B																
500/60-26.5 Steel Belted	16.00DC	500 19.7	1270 50	560 22	3690 145.3	12	158A8																
							155 B	2.4	5950	5060	4250	3830	4200	3570	3000	2700							
							146A8	35	13110	11150	9360	8440	9250	7860	6610	5950							
							143 B																
						16	165A8																
							161 B	3.2	7210	6130	5150	4640	5110	4340	3650	3290							
							153A8	46	15880	13500	11340	10220	11260	9560	8040	7250							
							149 B																
600/50-26.5	20.00DC	600 23.6	1270 50	560 22	3694 145.4	16	167A8																
							163 B	2.6	7630	6490	5450	4910	5430	4610	3875	3490							
							155A8	38	16810	14300	12000	10810	11960	10150	8540	7690							
							151 B																

Bias
Flotation

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		SW	OD						Speed, km/h (mph)									
		mm in	mm in	Free rolling				Drive Wheel										
				10 6	25 16		40 25	50 31	10 6	25 16	40 25	50 31						
600/55-26.5	20.0DC	591 23.3	1333 52.5	580 22.8	3850 151.6	12	165A8											
							161 B	2	7210	6130	5150	4640	5110	4340	3650	3290		
							153A8	29	15880	13500	11340	10220	11260	9560	8040	7250		
							149 B											
							170A8											
							16	167 B	2.6	8400	7140	6000	5400	6130	5210	4375	3940	
							159A8	38	18500	15730	13220	11890	13500	11480	9640	8680		
							156 B											
700/40-26.5	24.0DC	700 27.6	1270 50	560 22	3690 145.3	8	154A8											
							150 B	1.1	5250	4460	3750	3380	3710	3150	2650	2390		
							142A8	16	11560	9820	8260	7440	8170	6940	5840	5260		
							139 B											
							16	168A8										
							164 B	2.2	7840	6660	5600	5040	5600	4760	4000	3600		
							156A8	32	17270	14670	12330	11100	12330	10480	8810	7930		
							153 B											
700/50-26.5	24.0DC	700 27.6	1333 52.5	580 22.8	3976 156.5	8	160A8											
							156 B	1.2	6300	5360	4500	4050	4410	3750	3150	2840		
							148A8	17	13880	11810	9910	8920	9710	8260	6940	6260		
							144 B											
							16	169A8										
							165 B	1.8	8120	6900	5800	5220	5780	4910	4125	3710		
							157A8	26	17890	15200	12780	11500	12730	10810	9090	8170		
							154 B											
800/45-26.5 Steel Belted	28.0DC	800 31.5	1393 54.8	614 24.2	4051 159.5	12	170A8											
							167 B	1.7	8400	7140	6000	5400	5950	5060	4250	3830		
							158A8	25	18500	15730	13220	11890	13110	11150	9360	8440		
							155 B											
							16	177A8										
							173B	2.2	10220	8690	7300	5450	7000	5950	5000	4500		
							164A8	32	22510	19140	16080	12000	15420	13110	11010	9910		
							160 B											
600/60-30.5 Steel Belted	20.0DC	600 23.6	1500 59.1	655 25.8	4340 170.9	8	159A8											
							156 B	1.3	6130	5210	4375	3940	4310	3660	3075	2770		
							147A8	19	13500	11480	9640	8680	9490	8060	6770	6100		
							143 B											
							16	169A8										
							165 B	2	8120	6900	5800	5450	5600	4760	4000	3600		
							156A8	29	17890	15200	12780	12000	12330	10480	8810	7930		
							152 B											

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)														
		SW	OD						Speed, km/h (mph)														
		mm in	mm in	Free rolling				Drive Wheel															
				10 6	25 16		40 25	50 31	10 6	25 16	40 25	50 31											
700/50-30.5 Steel Belted	24.00DC	700 27.6	1500 59.1	655 25.8	4337 170.7	12	170A8	1.7	8400	7140	6000	5400	5950	5060	4250	3830							
							167 B																
							158A8	25	18500	15730	13220	11890	13110	11150	9360	8440							
							155 B																
							176A8	2.2	9940	8450	7100	5450	6830	5800	4875	4390							
							172 B																
							163A8	32	21890	18610	15640	12000	15040	12780	10740	9670							
							159 B																
							800/45-30.5 Steel Belted	28.00DC	800 31.5	1500 59.1	655 25.8	4340 170.9	16	179A8	2.2	10850	9220	7750	5450	7630	6490	5450	4910
														175 B									
167A8	32	23900	20310	17070	12000	16810								14300	12000	10810							
163 B																							

331 RADIAL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm in	mm in	Mixed application									
				Static	10 6		25 16	30 19	40 25	50 31			
600/45R22.5 Steel Belted	20	608	1152	511	3360	165A8	4	12100	7210	6130	5770	5150	4640
	AG20.00												
710/50R30.5 Steel Belted	AG 24.00	700	1500	674	4570	176D	4	16330	12780	11220	10720	9660	8590



328

I-3



FLOTATION

SPEED



TRAILER



BALER



Alliance 328 HS (High Speed Flotation I-328) is designed with good self-cleaning characteristics, which is suitable for on and off-the-road agricultural service on trailers and implements. The high load capacity and low inflation pressure of the tire results in high degree of agricultural soil protection, as well as low rolling resistance on both, on and off-road uses. The tire is available in heavy and regular duty versions of flotation tires. Its strong nylon construction and compounds ensure long life.



328 HIGH SPEED#

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Free rolling								
		SW	OD						Recommend load, kg (lbs)								
									Speed, km/h (mph)								
mm in	mm in	mm in	mm in	10 6	20 12	30 19	40 25	50 31	60 37	65 40	70 44						
400/55-17.5	13.00DC	393 11.75DC	902 15.5	418 35.5	2710 16.5	8	125 E →	2	2880	2600	2310	2060	1850	1750	1700	1650	
							106.7	29	6340	5730	5090	4540	4070	3850	3740	3630	
							12	134 E →	3	3710	3340	2970	2650	2390	2250	2190	2120
								138 B	44	8170	7360	6540	5840	5260	4960	4820	4670
							16	141 E →	4	4410	3970	3530	3150	2840	2680	2600	2575
								145 B	58	9710	8740	7780	6940	6260	5900	5730	5670
400/55-22.5	13.00DC	401 15.8	1030 40.6	455 17.9	3000 118.1	8	130 E →	2	3300	2970	2640	2360	2120	2010	1950	1900	
							134 B	29	7270	6540	5810	5200	4670	4430	4300	4190	
						12	139 E →	3	4200	3780	3360	3000	2700	2550	2480	2430	
							143 B	44	9250	8330	7400	6610	5950	5620	5460	5350	
						16	147 E →	4	5320	4790	4260	3800	3420	3230	3140	3075	
							151 B	58	11720	10550	9380	8370	7530	7110	6920	6770	
500/45-22.5	16.00DC	500 19.7	1030 40.6	455 17.9	3000 118.1	8	132 E →	1.8	3500	3150	2800	2500	2250	2130	2060	2000	
							136 B	26	7710	6940	6170	5510	4960	4690	4540	4410	
						12	140 E →	2.7	4410	3970	3530	3150	2840	2680	2600	2500	
							144 B	39	9710	8740	7780	6940	6260	5900	5730	5510	
						16	146 E →	3.6	5250	4730	4200	3750	3380	3190	3090	3000	
							150 B	52	11560	10420	9250	8260	7440	7030	6810	6610	
500/60-22.5	16.00DC	500 19.7	1170 46.1	510 20.1	3380 133.1	8	141 E →	1.6	4550	4100	3640	3250	2930	2760	2680	2575	
							146 B	23	10020	9030	8020	7160	6450	6080	5900	5670	
						12	149 E →	2.4	5780	5200	4620	4125	3710	3510	3400	3250	
							154 B	35	12730	11450	10180	9090	8170	7730	7490	7160	
						16	155 E →	3.2	6790	6110	5430	4850	4370	4120	4000	3875	
							159 B	46	14960	13460	11960	10680	9630	9070	8810	8540	

Size	Rim	Unloaded dimension		Loaded Static Radius mm in	Rolling Circum mm in	PR	Free/Drive Wheel Load index speed Sym	Infl. press. bar psi	Free rolling Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
		mm in	mm in						10 6	20 12	30 19	40 25	50 31	60 37	65 40	70 44
550/45-22.5	16.00DC	550	1070	470	3100	16	151 E	2.8	6130	5510	4900	4375	3940	3720	3610	3450
	18.00 DC	21.7	42.1	18.5	122		156 B	41	13500	12140	10790	9640	8680	8190	7950	7600
550/60-22.5	16.00DC	550	1238	540	3580	8	145 E	1.4	5110	4600	4090	3650	3290	3100	3010	2900
							150 B	20	11260	10130	9010	8040	7250	6830	6630	6390
						12	153 E	2.1	6300	5670	5040	4500	4050	3830	3710	3650
							156B	30	13880	12490	11100	9910	8920	8440	8170	8040
						16	159 E	2.8	7630	6870	6100	5450	4910	4630	4500	4375
							163 B	41	16810	15130	13440	12000	10810	10200	9910	9640
600/50-22.5	20.00DC	600	1170	510	3380	8	144 E	1.3	4830	4350	3860	3450	3110	2930	2850	2800
							148 B	19	10640	9580	8500	7600	6850	6450	6280	6170
						12	152 E	2	6130	5510	4900	4375	3940	3720	3610	3550
							156 B	29	13500	12140	10790	9640	8680	8190	7950	7820
						16	157 E	2.6	7210	6490	5770	5150	4640	4380	4250	4125
							161 B	38	15880	14300	12710	11340	10220	9650	9360	9090
600/55-22.5	20.00DC	600	1270	550	3650	8	148 E	1.4	5600	5040	4480	4000	3600	3400	3300	3150
							153 B	20	12330	11100	9870	8810	7930	7490	7270	6940
						12	156 E	2.1	7000	6300	5600	5000	4500	4250	4130	4000
							160 B	30	15420	13880	12330	11010	9910	9360	9100	8810
						16	161 E	2.8	8120	7310	6500	5800	5220	4930	4790	4625
							166 B	41	17890	16100	14320	12780	11500	10860	10550	10190
700/40-22.5	24.00DC	700	1170	510	3380	8	144 E	1.1	4970	4470	3980	3550	3200	3020	2930	2800
							149 B	16	10950	9850	8770	7820	7050	6650	6450	6170
						12	152 E	2	6300	5670	5040	4500	4050	3830	3710	3550
							157 B	29	13880	12490	11100	9910	8920	8440	8170	7820
						16	158 E	2.6	7420	6680	5940	5300	4770	4510	4370	4250
							162 B	38	16340	14710	13080	11670	10510	9930	9630	9360
700/50-22.5	24.00DC	700	1270	550	3650	8	152 E	1.2	6130	5510	4900	4375	3940	3720	3610	3550
							156 B	17	13500	12140	10790	9640	8680	8190	7950	7820
						12	160 E	2.2	7840	7060	6270	5600	5040	4760	4620	4500
							164 B	32	17270	15550	13810	12330	11100	10480	10180	9910
						16	166 E	2.8	9380	8440	7500	6700	6030	5700	5530	5300
							170 B	41	20660	18590	16520	14760	13280	12560	12180	11670
800/35-22.5	28.00DC	790	1170	525	3450	16	162D	2.6	8120	7310	6500	5800	5220	4930	4750	-
	24.00DC	31.1	46.1	20.7	135.8		169A8	38	17890	16100	14320	12780	11500	10860	10460	-
600/55-26.5	20.00DC	600	1333	580	3850	8	149C	1.3	5600	5040	4480	4000	3600	3250	-	-
							153B	19	12330	11100	9870	8810	7930	7160	-	-
						12	157C	2	7210	6490	5770	5150	4640	4125	-	-
							161B	29	15880	14300	12710	11340	10220	9090	-	-
						16	163C	2.6	8400	7560	6720	6000	5400	4875	-	-
							167B	38	18500	16650	14800	13220	11890	10740	-	-
700/50-26.5	24.00DC	700	1333	580	3974	8	153 C	1.2	6300	5670	5040	4500	4050	3650	-	-
							156 B	17	13880	12490	11100	9910	8920	8040	-	-
						12	161 C	1.8	8120	7310	6500	5800	5220	4625	-	-
							165 B	26	17890	16100	14320	12780	11500	10190	-	-
						16	166C	2.4	9380	8440	7500	6700	6030	5300	-	-
							170B	35	20660	18590	16520	14760	1328	11670	-	-
750/60-30.5 Special for high speed implement	24.00DC	750	1670	720	4790	16	172D	2.5	11340	10400	9510	8570	7620	6740	6300	-
		29.5	65.7	28.3	188.6		179B	36	24980	22910	20950	18880	3460	14850	13880	-

Bias Flotation

328 HEAVY DUTY FLOTATION

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)										
		SW	OD					Speed, km/h (mph)										
		mm in	mm in					Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25	50 31		
700/40-22.5	24.00 DC	700	1230	559	3650	177A6	6 87	10730	10080	8650	8190	7740	7300	6900	6500	5850		
		27.6	48.4	22	143.7	175A7		23630	22200	19050	18040	17050	16080	15200	14320	12890		
						173A8												
700/50-22.5 for bailer app. free rolling	24.00 DC	700	1270	550	3650	16	2.8 41	11060	10390	8910	8440	7970	7500	7040	6700	6030		
		27.6	50	21.7	143.7	174A8		24360	22890	19630	18590	17560	16520	15510	14760	13280		
						170 B												
						162A8												
						158B												

328 IMPLEMENT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)										
		SW	OD						Free rolling				Drive Wheel						
		mm in	mm in						10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31			
400/55-22.5	13.00DC	401	1030	455	3150	12	146A8	3 44	4200	3570	3000	2700	2970	2520	2120	1910			
		15.8	40.6	17.9	124		134A8		9250	7860	6610	5950	6540	5550	4670	4210			
							130 B												
							152A8												
							149 B		4	4970	4220	3550	3200	3500	2980	2500	2250		
400/60-22.5	11.75	400	1070	472	3120	18	140A8	4.3 62	10950	9300	7820	7050	7710	6560	5510	4960			
		15.8	42.1	18.6	122.8		136 B												
							160A8												
							156B		6300	5350	4500	4000	4410	3750	3150	2800			
500/45-22.5 Steel Belted	16.00DC	500	1030	455	3000	12	148A8	2.7 39	4410	3750	3150	2840	3140	2670	2240	2020			
		19.7	40.6	17.9	118.1		144A8		9710	8260	6940	6260	6920	5880	4930	4450			
							132B												
							154A8												
							150B		3.6	5250	4460	3750	3380	3710	3150	2650	2390		
							142A8		52	11560	9820	8260	7440	8170	6940	5840	5260		
500/60-22.5	16.00DC	500	1170	510	3470	8	138B	1.6 23	4550	3870	3250	2930	3140	2670	2240	2020			
		19.7	46.1	20.1	136.6		149A8		10020	8520	7160	6450	6920	5880	4930	4450			
							132 B												
							157A8												
							154 B		2.4	5780	4910	4125	3710	4060	3450	2900	2610		
							145A8		35	12730	10810	9090	8170	8940	7600	6390	5750		
							142 B												
							163A8												
500/60-22.5	16.00DC	500	1170	510	3470	16	159 B	3.2 46	6830	5800	4875	4390	4830	4110	3450	3110			
		19.7	46.1	20.1	136.6		151A8		15040	12780	10740	9670	10640	9050	7600	6850			
							148 B												

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)																	
		Speed, km/h (mph)							Free rolling				Drive Wheel													
		SW	OD						10	25	40	50	10	25	40	50										
		mm in	mm in						6	16	25	31	6	16	25	31										
550/45-22.5	16.00DC 18.00 DC	550 21.7	1070 42.1	470 18.5	3105 122.2	8	145A8	1.4 20	4060 8940	3450 7600	2900 6390	2610 5750	2800 6170	2380 5240	2000 4410	1800 3960										
							142B																			
							132A8																			
							128B																			
							153A8																			
							149B																			
	12	141A8	2.1 30	5110 11260	4340 9560	3650 8040	3290 7250	3610 7950	3060 6740	2575 5670	2320 5110															
		137B																								
		16										159A8	2.8 41	6130 13500	5210 11480	4375 9640	3940 8680	4310 9490	3660 8060	3075 6770	2770 6100					
												156B														
												147A8														
		550/60-22.5										16.00DC	550 21.7	1238 48.7	540 21.3	3580 140.9	12	160A8	2.3 33	6300 13880	5360 11810	4500 9910	4050 8920	4410 9710	3750 8260	3150 6940
156B																										
148A8																										
144B																										
16	166A8		3 44	7420 16340	6310 13900	5300 11670	4770 10510	5250 11560	4460 9820	3750 8260	3380 7440															
	162B																									
	154A8																									
159A8	20.00DC		600 23.6	1170 46.1	510 20.1	3380 133.1	12	159A8	2 29	6130 13500	5210 11480	4375 9640	3940 8680	4310 9490	3660 8060	3075 6770	2770 6100									
								156 B																		
								147A8																		
								144 B																		
								16										165A8	2.6 38	7210 15880	6130 13500	5150 11340	4640 10220	5110 11260	4340 9560	3650 8040
		161 B																								
153A8																										
600/55-22.5	20.00DC	600 23.6	1270 50	550 21.7	3650 143.7	8	156A8	1.3 19	5600 12330	4760 10480	4000 8810	3600 7930	3920 8630	3330 7330	2800 6170	2520 5550										
							153 B																			
							144A8																			
							140 B																			
							12										164A8	2 29	7000 15420	5950 13110	5000 11010	4500 9910	4830 10640	4110 9050	3450 7600	3110 6850
																	160 B									
	151A8																									
	16	148 B	2.6 38	8120 17890	6900 15200	5800 12780	5220 11500	5600 12330	4760 10480	4000 8810	3600 7930															
		169A8																								
		166 B																								
		156A8																								
		153 B																								
700/40-22.5		24.00DC										700 27.6	1170 46.1	510 20.1	3378 133	16	166A8	2.6 38	7420 16340	6310 13900	5300 11670	4770 10510	5250 11560	4460 9820	3750 8260	3380 7440
	162 B																									
	154A8																									
	150 B																									
	18		168A8	3.4 49	7840 17270	6660 14670	5600 12330	5040 11100	5600 12330	4760 10480	4000 8810						3600 7930									
			165 B																							
156A8																										
153 B																										

Bias Flotation



BETTER VALUE.
SMARTER CHOICE.

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)										
		SW	OD						Speed, km/h (mph)										
		mm in	mm in	Free rolling				Drive Wheel											
				10 6	25 16		40 25	50 31	10 6	25 16	40 25	50 31							
700/50-22.5	24.00DC	700 27.6	1270 50	550 21.7	3650 143.7	12	168A8												
							164 B	2.2	7840	6660	5600	5040	5600	4760	4000	3600			
							156A8	32	17270	14670	12330	11100	12330	10480	8810	7930			
							153 B												
							174A8												
		16	170 B	2.8	9380	7970	6700	6030	6650	5650	4750	4280							
			162A8	41	20660	17560	14760	13280	14650	12440	10460	9430							
			158 B																
			165A8																
			161 B	2	7210	6130	5150	4640	5110	4340	3650	3290							
600/55-26.5	20.00DC	591 23.3	1333 52.5	580 22.8	3850 151.6	12	153A8	29	15880	13500	11340	10220	11260	9560	8040	7250			
							149 B												
							170A8												
							167 B	2.6	8400	7140	6000	5400	6130	5210	4375	3940			
							159A8	38	18500	15730	13220	11890	13500	11480	9640	8680			
		16	156 B																
			169A8																
			165 B	1.8	8120	6900	5800	5220	5780	4910	4125	3710							
			157A8	26	17890	15200	12780	11500	12730	10810	9090	8170							
			154 B																
700/50-26.5	24.00DC	700 27.6	1333 52.5	580 22.8	3948 155.4	12	174A8												
							170 B	2.4	9380	7970	6700	6030	6650	5650	4750	4280			
							162A8	35	20660	17560	14760	13280	14650	12440	10460	9430			
							158 B												
							162A8												
		8	158 B	1.1	6650	5650	4750	4280	4690	3990	3350	3020							
			150A8	16	14650	12440	10460	9430	10330	8790	7380	6650							
			146 B																
			177A8																
			173B	2.2	10220	8690	7300	6570	7000	5950	5000	4500							
800/45-26.5	28.00DC	800 31.5	1393 54.8	614 24.2	4050 159.4	16	164A8	32	22510	19140	16080	14470	15420	13110	11010	9910			
							160 B												
							166A8												
							162 B	1.1	7420	6310	5300	4770	5250	4460	3750	3380			
							154A8	16	16340	13900	11670	10510	11560	9820	8260	7440			
		12	150 B																
			174A8																
			170 B	1.7	9380	7970	6700	6030	6650	5650	4750	4280							
			162A8	25	20660	17560	14760	13280	14650	12440	10460	9430							
			158 B																
16	179A8																		
	175 B	2.2	10850	9220	7750	6980	7630	6490	5450	4910									
	167A8	32	23900	20310	17070	15370	16810	14300	12000	10810									
	163 B																		
	182A8																		
750/60-30.5	24.00DC	750 29.5	1670 65.7	720 28.3	4790 188.6	16	179 B	2.2	11900	10120	8500	7650	8400	7140	6000	5400			
							170A8	32	26210	22290	18720	16850	18500	15730	13220	11890			
							167 B												
							167 B												
800/45-30.5*						16	-----UNDER DEVELOPMENT-----												

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)											
		Speed, km/h (mph)							Free rolling				Drive Wheel							
		SW	OD	10	25		40	50	10	25	40	50								
		mm in	mm in										6	16	25	31	6	16	25	31
850/50-30.5 18 PR - LMS	28.00DC	850 33.5	1670 65.7	720 28.3	4790 188.6	12	180A8	1.5 22	11200 24670	9520 20970	8000	7200	7840	6660	5600	5040				
							176 B				8000	7200	7840	6660	5600	5040				
							168A8				17620	15860	17270	14670	12330	11100				
		164 B																		
		16	186A8	2.2 32	13300 29300	11310 24910	9500	8550	9380	20660	17560	6700	6030							
			182 B											9500	8550	9380	20660	17560	6700	6030
			174A8											20930	18830	20660	17560	14760	13280	
		170 B																		
		18	193A8	3 44	16100 35460	13690 30150	11500	10350	11270	24820	21100	8050	7250							
			189B											11500	10350	11270	9580	8050	7250	
			180A8											25330	22800	24820	21100	17730	15970	
		177 B																		

328 RADIAL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Free rolling							
		Recommend load, kg (lbs)							Speed, km/h (mph)							
		SW	OD	10	20		30	40	50	60	65	70				
		mm in	mm in										6	12	19	25
500/50R17	AG16.00	494	960	425	2880	145D	4	6670	5220	4580	4380	3940	3510	3100	2900	
		19.4	37.8	16.7	113.4		58	14690	11500	10090	9650	8680	7730	6830	6390	



328 VALUE PLUS

FLOTATION



TRAILER

BALER



Alliance 328 VALUE PLUS is specially designed for low end applications like balers and other agricultural implements. It displays excellent flotation and self cleaning characteristics. The tire has good traction profile and provides maximum soil protection and low compaction.



Size	Rim	Unloaded dimension		Loaded Static Radius mm in	Rolling Circum mm in	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		Speed, km/h (mph)							Free rolling				Drive Wheel					
		10	25						10	25	40	50	10	25	40	50		
		6	16						6	16	25	31	6	16	25	31		
400/55-22.5	13.00DC	401	1030	455	3150	16	152A8	4	4970	4220	3550	3200	3500	2980	2500	2250		
		15.8	40.6	17.9	124		149B		58	10950	9300	7820	7050	7710	6560	5510	4960	
							140A8											
							136B											
500/45-22.5	16.00DC	500	1030	455	3000	16	154A8	3.6	5250	4460	3750	3380	3710	3150	2650	2390		
		19.7	40.6	17.9	118.1		150B		52	11560	9820	8260	7440	8170	6940	5840	5260	
							142A8											
							138B											
500/60-22.5	16.00DC	500	1170	510	3380	16	163A8	3.2	6830	5800	4875	4390	4830	4110	3450	3110		
		19.7	46.1	20.1	133.1		159B		46	15040	12780	10740	9670	10640	9050	7600	6850	
							151A8											
							148B											
550/45-22.5	16.00DC 18.00DC	550	1070	470	3105	16	159A8	2.8	6130	5210	4375	3940	4310	3660	3075	2770		
		21.7	42.1	18.5	122.2		156B		41	13500	11480	9640	8680	9490	8060	6770	6100	
							147A8											
							143B											
550/60-22.5	16.00DC	550	1238	540	3580	16	166A8	3	7420	6310	5300	4770	5250	4460	3750	3380		
		21.7	48.7	21.3	140.9		162B		44	16340	13900	11670	10510	11560	9820	8260	7440	
							154A8											
							150B											

AGRI - LOADER

Agri
Loader



BETTER VALUE.
SMARTER CHOICE.

Pattern Sizes by Segment

Size	L/PR	344	370
620/70R26	177A8		●
750/55R26.5	177A8	●	

● Agricultural Loader

344 LS-2 **A8**
SPEED



Alliance 344 represents the most sophisticated steel belted tire design for application on Loaders. It's high, wide and robust lugs at low angle provide excellent grip for working on wide range of severe terrains or when high traction forces are necessary for hard operation. Strong lugs enable efficient work, while large contact area efficiently protects the soil against excessive compaction. Strong steel breakers reinforce basic textile tire structure providing efficient puncture protection. Special durable tread compound, together with high under tread gauge and strong & thick sidewall enables long secure work in all uses.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circ. RCI	Load Index Speed Symbol	Infl. press Bar psi	Recommend load, kg (lbs)									
		SW mm in	OD mm in					Speed, km/h (mph)									
								Constant load								Cyclic Applications	
								Static	10	15	20	25	30	35	40	5	10
750/55R26.5	AG24.00	740 29.1	1485 58.5	672 26.5	4532 178.4	177A8	4.5 65	16790 36980	9130 20110	8250 18170	7960 17530	7740 17050	7590 16720	7450 16410	7300 16080	12190 26850	10950 24120



370 **R-1W** **A8**
SPEED



Alliance 370 wide base radial tires are developed for loaders, for field and hauling applications. The tire provides higher load capacity (about 10% more) at the same inflation pressure compared with the standard. The special R-1W traction tread pattern with radial nylon casing, rigid belts, mudguard and unique shoulder design ensures excellent grip and high traction efficiency. The large tire footprint area reduces average ground pressure, minimizing soil compaction and increases flotation abilities.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)						Field operation			
								Not high and sustained torque; Road transport						Low Torque			High Tor
								mm in	mm in	mm in	mm in	mm in	mm in	Static	10 6	25 16	30 19
620/70R26	DW20B	625	1500	662	4440	177A8	4	16790	10950	8100	7810	7300	7300	10220	8760	7810	
	W18L	24.6	59.1	26.1	174.8		58	36938	24090	17820	17182	16060	16060	22484	19272	17182	

LAWN, GARDEN & TURF



Lawn,
Garden & Turf



BETTER VALUE.
SMARTER CHOICE.

Pattern Sizes by Segment

Size	L/PR	221	312	322	332
26x12.00-12	4PR		●		
	6PR		●		
31x15.50-15	4PR				●
	6PR	● ● ●			●
	8PR	● ● ●			●
33x15.5-15	8PR	● ● ●			
33x16LL-16.1	10PR			●	
425/55R17	137D/140A8	● ● ●			
440/50R17	135D	● ● ●			
450/55-17	8PR	● ● ●			
41x14.00-20	4PR			●	
	6PR			●	
44x18.00-20	4PR			●	
	6PR			●	

- 2 WD Tractors
- 4 WD Tractors
- MFWA
- Baler
- Trailer

221

HF-2



FLOTATION

SPEED



TRAILER



4WD TRACTOR



BALER



Alliance 221 Grassland Flotation (High Flotation) tire improves mobility of utility vehicles and agricultural implements and can replace dual tire configurations. The tire has high load capacity with reduced inflation and rolling resistance. The large footprint of the tire minimizes damage to field and crops. The nylon carcass and special ozone resistant compound ensures longer tire life.

TERRAIN



GRASS & TURF



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/ Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
									Mixed application							
									10	20	25	30	35	40	45	50
mm in	mm in	mm in	mm in	mm in	mm in	Load index speed Sym	bar psi	6	12	16	19	22	25	28	31	
31x15.50-15 NHS	13LB	391	792	353	2319	6	109 A8	2.1	1460	1330	1260	1190	1120	1070	1020	975
		15.4	31.2	13.9	91.3		107 B	30	3220	2930	2780	2620	2470	2360	2250	2150
		8	118A8	3.1	1880		1700	1610	1530	1440	1380	1310	1250			
33x15.5-15	13	390	875	375	2530	8	124B	3.1	2430	2200	2090	1975	1860	1780	1700	1620
		15.4	34.4	14.8	99.6		45	5357	4850	4605	4355	4100	3925	3745	3570	
450/55-17 NHS	16	440	925	413	2711	8	132 A8	2.5	2780	2520	2390	2260	2130	2000	1940	1850
		17.3	36.4	16.3	106.7		129 B	36	6120	5550	5260	4980	4690	4410	4270	4070

221 IMPLEMENT RADIAL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Mixed application							
								Static	10	25	30	40	50	60	65
mm in	mm in	mm in	mm in	mm in	mm in	Bar psi	6	16	19	25	31	37	40		
425/55R17	13	420	890	399	2656	137D	3.5	5290	4140	3630	3470	3130	2780	2460	2300
		16.5	35	15.7	104.6	140A8	51	11650	9120	8000	7640	6890	6120	5420	5070
440/50R17	14	441	880	394	2675	135D	3.6	5010	3920	3440	3290	2960	2640	2330	2180
		17.4	34.6	15.5	105.3	52	11040	8630	7580	7250	6520	5810	5130	4800	

Lawn, Garden & Turf

312 HF-2 **A8**
FLOTATION SPEED



Alliance 312 is a Grassland Flotation Tire (High Flotation) which improves mobility of utility vehicles and agricultural implements. It can replace dual tire configurations. The tire can carry heavy load with low inflation pressure and rolling resistance. Its large footprint minimizes damage to field and crops. The nylon carcass and special ozone resistant compound ensures longer tire life.

TERRAIN



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
									Mixed application							
									mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
26x12.00-12 NHS	10.5	289	665	292	1929	4	94A8	1.4	980	880	840	790	750	720	680	650
		11.4	26.2	11.5	75.9		93B	20	2160	1940	1850	1740	1650	1590	1500	1430
		6	103A8	2.1	1240	1120	1060	1010	950	910	870	825				
			101B	30	2730	2470	2330	2220	2090	2000	1920	1820				

322

HF-1

B

FLOTATION

SPEED



2WD TRACTOR



Alliance 322 tread pattern provides extremely gentle operation of golf carts, turf equipments and lawn movers. The high void to rubber ratio enables long tread life, large footprint, as well as low and uniform ground pressure. Low tread depth and unique shoulder design minimize turf damage on hills and during sharp turns. The large footprint allows more tread on the ground and keeps the machine/equipment from sinking in while crossing wet or soft ground. The 322 tread pattern also provides smooth operation on hard surfaces.

TERRAIN



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)				
		SW	OD						Speed, km/h (mph)				
									Mixed application				
									mm in	mm in	mm in	mm in	mm in
33x16LL-16.1	14	427	851	386	2520	10	127B	2.75	3780	2770	2310	1960	1750
		16.8	33.5	15.2	99.2		40	8330	6100	5090	4320	3850	
41x14.00-20 NHS	11	381	1092	493	3224	4	120B	1.7	3020	2210	1850	1570	1400
		15	43	19.4	126.9		25	6650	4870	4070	3460	3080	
		6	127B	2.5	3780	2770	2310	1960	1750				
			36	8330	6100	5090	4320	3850					
44x18.00-20 NHS	14	457	1143	514	3366	4	124B	1.4	3460	2530	2110	1790	1600
		18	45	20.2	132.5		20	7620	5570	4650	3940	3520	
		6	131B	2.1	4210	3080	2570	2180	1950				
			30	9270	6780	5660	4800	4300					

Lawn, Garden & Turf

332 **HF-3** **A8**
FLOTATION SPEED



Alliance 332 is a high flotation tire which improves mobility of utility vehicles and agricultural implements. It can be used to replace dual configuration tires. The tire is engineered for high load carrying capacity with reduced inflation and rolling resistance. The large footprint minimizes damage to field and crops. A nylon carcass and special ozone resistant compound ensure longer tire life.

TERRAIN



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
									Mixed application							
									Load index	bar	10	20	25	30	35	40
mm	mm	mm	mm	mm	mm	speed Sym	psi	6	12	16	19	22	25	28	31	
31x15.50-15 NHS Normalized tire dimensions	13LB	391	792	353	2319	4	100 A8	1.4	1160	1050	1000	950	890	850	810	775
							99 B	20	2560	2310	2200	2090	1960	1870	1780	1710
							109 A8	2.1	1460	1330	1260	1190	1120	1070	1020	975
							107 B	30	3220	2930	2780	2620	2470	2360	2250	2150
							118A8	3.1	1880	1700	1610	1530	1440	1380	1310	1250
							116 B	45	4140	3740	3550	3370	3170	3040	2890	2750

FRONTS & IMPLEMENTS



Fronts &
Implements



BETTER VALUE.
SMARTER CHOICE.

Pattern Sizes by Segment

Size	PR	222	223	319	320	351	542	543	571	303 TracPRO (3 Rib)	303 TracPRO (Multi-Rib)	303 Tractor Front	303	313 Industrial Tractor	313	A-320 Value Plus	AS 323	FarmPRO Imp 327	FarmPro303	328	Value Plus328	
9.00-13	8PR		●																			
	12PR		●																			
9.5L-14SL	8PR						● ● ●															
11L-14SL	8PR						● ● ●															
5.00-15*	4PR																					
6.70-15SL	6PR						● ● ●															
7.60-15SL	8PR						● ● ●															
9.5L-15FI	Load Range D							● ● ●														
9.5L-15SL	8PR						● ● ●															
	12PR						● ● ●															
11L-15	10PR	● ●																				
11L-15*	8PR			● ● ●																		
11L-15FI	load Range D/F							● ● ●														
11L-15SL	8PR						● ● ●															
	12PR						● ● ●															
12.5L-15FI	Load Range D							● ● ●														
12.5L-15SL	8PR						● ● ●															
	12PR						● ● ●															
10.0/75-15.3	12PR																					● ●
	10 PR																● ● ● ●	● ● ● ●				
	10PR																● ● ● ●	● ● ● ●				
	123A8/111A8																	● ● ● ●				
	129A6/125A8																	● ● ● ●				
	136A6/132A8																	● ● ● ●				
	14PR																	● ● ● ●				
11.0/80-15.3	18PR																					● ●
	10PR																					● ●
	12PR																	● ● ● ●				
	14PR																	● ● ● ●				
11.5/80-15.3	135A8/123A8																	● ● ● ●				
	145A6/141A8																	● ● ● ●				
	16PR																					
	18PR																					
12.5-15.3	8PR																					
	14PR																					
12.5/80-15.3	16PR																					
	14PR																					
400/60-15.5	148A6/144A8																					
	14PR																					
	16PR																					
	126A8/123B																					● ● ● ●
	145A8/145B																					● ● ● ●
500/60-15.5	132A8/128B																					● ● ● ●
	14PR																					
	152A6/148A8																					● ● ● ●
500/60-15.5	12PR																				● ● ● ●	
500/55-15.5	12PR																				● ● ● ●	
5.50-16*	6PR																					●

- 2 WD Tractors
- MFWA
- Plough
- Tanker
- 4 WD Tractors
- Trailer
- Cultivator
- Agricultural Implement
- Rigid Dump Truck
- Baler
- Compact Utility Tractor

Pattern Sizes by Segment

Size	PR	222	223	319	320	351	542	543	571	303 TracPRO (3 Rib)	303 TracPRO (Multi-Rib)	303 Tractor Front	303	313 Industrial Tractor	313	A-320 Value Plus	AS 323	FarmPRO Imp 327	FarmPro303	328	Value Plus328		
6.00-16	8PR										●	●											
	4PR											●											
	6PR											●									●		
	94A6/87AB										●	●											
6.50-16	6PR																				●		
	112A8/99A8																	●	●				
7.50-16	6PR											●									●		
	8PR									●		●						●	●			●	
7.50-16SL	8PR						●	●															
9.00-16*	10PR																				●		
	10PR												●										
9.00-16HD	111 A6 /103 A8												●										
	8PR											●											
9.00-16SL	10PR						●	●															
10.00-16*	8PR																				●		
	10PR												●										
10.00-16	8PR												●										
	8PR												●								●		
11.00-16*	8PR																						
11.00-16	10PR																				●		
11.00-16SL	12PR						●	●															
13.0/75-16	10PR				●	●																	
14.0/65-16	10PR				●	●																	
	14PR				●	●																	
340/55-16	12PR																			●	●		
360/65-16(14.0/65-16)	150A8/138A8																				●	●	
	141A8/128A8																				●	●	
7.50-16	103A6/96AB									●													
14L-16.1SL	10PR																						
	6PR																						
	8PR																						
16.5L-16.1SL	10PR	●	●																				
19L-16.1SL	12PR						●	●															
21.5L-16.1SL*	18PR						●	●															
21.5L-16.1SL	10PR						●	●															
15.0/55-17	10PR				●	●																	
	14PR				●	●																	
	18PR	●	●																				
19.0/45-17	10PR																				●	●	
	14PR	●	●																		●	●	
	18PR																				●	●	
380/55-17	12PR																				●	●	
500/50-17	10PR																				●	●	
	14PR																				●	●	
	16PR																				●	●	
500/55-17	18PR																				●	●	
400/55-17.5	12PR																					●	●
	8PR																					●	●
	16PR																					●	●

- 2 WD Tractors
- MFWA
- Plough
- Tanker
- 4 WD Tractors
- Trailer
- Cultivator
- Agricultural Implement
- Rigid Dump Truck
- Baler
- Compact Utility Tractor

Fronts & Implements

Pattern Sizes by Segment

Size	PR	222	223	319	320	351	542	543	571	303 TracPRO (3 Rib)	303 TracPRO (Multi-Rib)	303 Tractor Front	303	313 Industrial Tractor	313	A-320 Value Plus	AS 323	FarmPRO Imp 327	FarmPro303	328	Value Plus328	
7.50-18*	8PR																					
10.5/80-18	10PR				● ●																	
12.5/80-18	12PR				● ●													● ●				
	16PR				● ●																	
13.0/65-18	12PR				● ●																	
	16PR				● ●																	
15.0/70-18	12PR				● ●																	
	16PR				● ●																	
340/65R18	145E/148A8								●													
4.00-19*	4PR																				●	
6.00-19*	6PR																				●	
14.5/75-20	6PR				● ●																	
	10PR				● ●																	
16.0/70-20	12PR				● ●													● ●				
	14PR				● ●																	
20.00-20	20PR	● ●																				
21.0/80-20	12PR	● ●																				
42x25.00-20	12PR																				● ●	●
44x18.00-20	12PR																				● ●	●
48x25.00-20	10PR																				● ●	●
	12PR																				● ●	●
48x31.00-20	12PR																				● ●	●
500/55-20	10PR																		● ●			
	12PR																		● ●			
550/60-22.5	16PR	● ●																				
560/60-22.5	12PR																		● ●			
	16PR																		● ●			
600/55-22.5	16PR	● ●																	● ●			
700/45-22.5	12PR																		● ●			
11.25-24SL	12PR					● ●																
	8PR					● ●																
	10PR					● ●																
11.25-28SL	12PR					● ●																
	14PR					● ●																

- 2 WD Tractors
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TracPRO 303

F-2



(3 Rib)

(Multi-Rib)



Alliance TracPRO F-2 tractor front tire displays better self cleaning because of the notches (3 Rib) on its shoulder. The specialised rib pattern ensures comfortable driving experience and the special stubble protection compound offers long life because of puncture and damage resistance.

ROADABILITY

FIELD PERFORMANCE

TIRE LIFE

TracPRO 303 (3 Rib)

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load index speed Sym	Infl. press.	Recommend load, kg (lbs)				
		SW mm in	OD mm in					Speed, km/h (mph)				
								10(1) 6	20 16	25 19	30 25	40 25
6.00-16	4.50E	165	735	341	2206	8 94A6 87AB	3	800	650	570	530	420
							44	1760	1430	1260	1170	930
							3.6	890	730	630	590	470
							52	1960	1610	1390	1300	1040
							4	950	770	670	630	500
							58	2090	1700	1480	1390	1100
4.4	1010	900	770	670	540							
64	2220	1980	1700	1480	1190							

ROADABILITY

FIELD PERFORMANCE

TIRE LIFE

TracPRO 303 (Multi-Rib)

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load index speed Sym	Infl. press.	Recommend load, kg (lbs)					
		SW mm in	OD mm in					Speed, km/h (mph)					
								Mixed application					
		mm in	mm in	mm in	mm in	bar psi	Static	10(1) 6	20 16	25 19	30 25	40 25	
7.50-16	5.50F	205	805	370	2403	8 103A6 96AB	3.00	1770	1160	950	820	770	620
							44	3900	2560	2090	1810	1700	1370
							3.2	1840	1200	980	860	800	640
							46	4050	2640	2160	1890	1760	1410
							3.4	1910	1250	1020	890	830	660
							49	4210	2750	2250	1960	1830	1450
3.7	2010	1310	1180	1010	875	700							
54	4430	2890	2600	2220	1930	1540							

303

F-2



Alliance 303 Steering Wheel tire is a 3-rib (front wheel) tire designed for general farming purposes. It has a raised centre rib to ensure easy steering. The tire is engineered for quiet rolling and long lasting performance in both on and off-the-road service. The strong nylon construction and use of high grade compounds make it a top quality tire.



303 HEAVY DUTY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load index speed Sym	Infl. press.	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								mm in	mm in	10 ⁽¹²⁾ 6	15 9	20 12	25 16	30 19	35 22
9.00-16HD	W8	234 9.2	855 33.7	394 15.5	2556 100.6	10 116A6 108A8	3.9 57	1880	1790	1690	1440	1250	1130	1000	910
	W7							4140	3940	3720	3170	2490	2200	2000	
	6.00F														

303 TRACTOR FRONT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load index speed Sym	Infl. press.	Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
									mm in	mm in	10 ⁽¹²⁾ 6	15 9	20 12	25 16	30 19	35 22
10.00-16	W8L 8LB	274 10.8	895 35.2	406 16	2650 104.3	8	115A6	2.8	1820	1740	1640	1400	1215	1090	970	
							107A8	41	4010	3830	3610	3080	2680	2400	2140	
							119A6	3.4	2040	1940	1840	1560	1360	1220	1090	
11.00-16	W8L 10LB 8LB	315 12.4	965 38	436 17.2	2850 112.2	10	122A6	3.1	2250	2150	2030	1730	1500	1350	1200	
							114A8	45	4960	4740	4470	3810	3300	2970	2640	
							4.50E									
6.00-16	4.00E 4.25KA 5K	165 6.5	735 28.9	341 13.4	2206 86.9	8	94A6	4.4	1010	960	900	770	670	600	540	
							87A8	64	2220	2110	1980	1700	1480	1320	1190	
							4.00E									
7.50-16	5.50F 5K 6LB	205 8.1	805 31.7	370 14.6	2403 94.6	8	103A6	3.7	1310	1250	1180	1010	875	790	700	
							96A8	54	2890	2750	2600	2220	1930	1740	1540	
							5.50F									

FarmPRO 303

F-2

A8
SPEED



FarmPRO 303 is an aesthetically improved modern F2 design. It has an optimized rib design suitable for both on and off road applications. The specially designed RIB angles and radius ensure better roadability. Additional rubber layer under tread provides penetration resistance and improved sidewall deflection on loading ensures better stability.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load index speed Sym	Infl. press.	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		Mixed application											
		mm in	mm in					mm in	mm in	bar psi	Static	10 ^(1/2) 6	20 16
5.00-15*						4		-----UNDER DEVELOPMENT-----					
5.50 - 16*						6		-----UNDER DEVELOPMENT-----					
						6		-----UNDER DEVELOPMENT-----					
6.00-16	4.50E	165	735	348	2245	88A6 80A8	3.3 48	1290 2840	840 1850	760 1670	640 1410	560 1230	450 990
6.50-16*						6		-----UNDER DEVELOPMENT-----					
						6		-----UNDER DEVELOPMENT-----					
7.50-16	5.50FX16	205	805	360	2440	98A6 90A8	2.8 41	1730 3810	1130 2490	1010 2220	860 1890	750 1650	600 1320
						8		-----UNDER DEVELOPMENT-----					
7.50-16	5.50FX16	205	805	380	2460	103A6 96A8	3.7 54	2010 4430	1310 2890	1180 2600	1010 2220	875 1930	700 1540
9.00-16*						10		-----UNDER DEVELOPMENT-----					
10.00-16*						8		-----UNDER DEVELOPMENT-----					
11.00-16*						8		-----UNDER DEVELOPMENT-----					
7.50-18*						8		-----UNDER DEVELOPMENT-----					
4.00-19*						4		-----UNDER DEVELOPMENT-----					
6.00-19*						6		-----UNDER DEVELOPMENT-----					
7.50-20*						8		-----UNDER DEVELOPMENT-----					

Fronts & Implements

313 F-2 **A8**
SPEED



Alliance 313 tire is a multipurpose low-section steering wheel tire for heavy duty tractors. It provides high mileage on road and industrial applications. It has a strong nylon construction and uses high grade compounds which guarantee long tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Infl. press.	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		mm in	mm in					10 ^(1/2)	15	20	25	30	35	40	50
14L-16.1SL SL	W11C	346	986	450	2930	8	123 A6	2.5	2700	2330	2090	1780	1550	1400	1240
		13.6	38.8	17.7	115.4		116 A8	36	5950	5130	4600	3920	3410	3080	2730

313 INDUSTRIAL TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Infl. press.	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		mm in	mm in					10 ^(1/2)	15	20	25	30	35	40	50
14L-16.1SL SL	W11C	13.6	38.8	17.7	115.4	6	117 A6	1.9	2230	1930	1730	1480	1285	1160	1030
							109 A8	28	4910	4250	3810	3260	2830	2560	2270
						8	123 A6	2.5	2700	2330	2090	1780	1550	1400	1240
							116 A8	36	5950	5130	4600	3920	3410	3080	2730
						10	127 A6	3	3040	2630	2360	2010	1750	1580	1400
							120 A8	44	6700	5790	5200	4430	3850	3480	3080

571 **IMP** **E**
SPEED



Alliance 571 Trailer tire represents an exceptional solution for Agricultural and Utility trailers. This pattern enables efficient ground protection for Turf and Grassland applications. The tire structure with strong steel belt reinforcement and rounded shoulders provide efficient on/off road application, low rolling resistance and outstanding resistance to punctures.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
		Speed, km/h (mph)						Mixed application								
		SW	OD					Static	10	25	30	40	50	60	65	70
		mm in	mm in					mm in	6	16	19	25	31	37	40	44
340/65R18	11	340	892	401	2727	145E	5	4790	4060	3560	3250	3150	3120	3050	2970	2900
	W11	13.4	35.1	15.8	107.4	148A8	73	10550	8940	7840	7160	6940	6870	6720	6540	6390

319 I-1 **A8**
SPEED



Alliance 319 (Agricultural Implement) is a super low-section implement tire designed for all on road and off-the-road applications. Its strong nylon construction guards against moisture deterioration and ensures best performance.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
									Free rolling				Drive Wheel			
		mm in	mm in						10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31
15.0/55-17	13	391 15.4	850 33.5	373 14.7	2470 97.2		133A8	2.6	2880	2450	2060	1850	2030	1730	1450	1310
							129 B	38	6340	5400	4540	4070	4470	3810	3190	2890
							121A8									
							118 B									
							140 A8	3.6	3500	2980	2500	2250	2450	2080	1750	1580
							136 B	52	7710	6560	5510	4960	5400	4580	3850	3480
11L-15*						8 (LRD)			-----UNDER DEVELOPMENT-----							

328

I-3

B

FLOTATION

SPEED



CULTIVATORS



PLOUGH



BALER



Alliance 328 is a tubeless flotation tire with good self cleaning characteristics, suitable for agricultural implements and in particular for towed vehicles. Its high load carrying capacity at low inflation pressures prevents damage to fields and crops. It is suitable for on and off-the road agricultural service on large implements. The tire's strong nylon construction and compounds ensure long tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		Speed, km/h (mph)							Free rolling				Drive Wheel					
		SW	OD						10	25	40	50	10	25	40	50		
		mm in	mm in						6	16	25	31	6	16	25	31		
400/60-15.5 Steel Belted	13.00DC	404	874	377	2510	-	140A8 136 B	2.8	3500	2980	2500	2250	2380	2020	1700	1530		
		15.9	34.4	14.8	98.8	-	126A8 123 B	41	7710	6560	5510	4960	5240	4450	3740	3370		
		500/60-15.5 Steel Belted	16.00DC	503	965	420	2780	12	152A8 149B	3.3	4970	4220	3550	3200	3430	2920	2450	2210
		19.8		38	16.5	109.4	139A8 136B	48	10950	9300	7820	7050	7560	6430	5400	4870		
500/55-17 Steel Belted	16.00DC	503	994	435	2880	12	151A8 148B	3.3	4830	4110	3450	3110	3330	2830	2380	2140		
		19.8	39.1	17.1	113.4	138A8 135B	48	10640	9050	7600	6850	7330	6230	5240	4710			
		400/55-17.5	11.75DC 13.00DC	388	887	418	2710	8	133A8 128B	2	2880	2450	2060	1850	1960	1670	1400	1260
15.3	34.9			16.5	106.7	120A8 117B	29	6340	5400	4540	4070	4320	3680	3080	2780			
140A8 136B	3			3710	3150	2650	2390	2590	2200	1850	1670							
127A8 124B	44			8170	6940	5840	5260	5700	4850	4070	3680							
149A8 145B	4	4550	3870	3250	2930	3140	2670	2240	2020									
136A8 132B	58	10020	8520	7160	6450	6920	5880	4930	4450									

Fronts & Implements

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)																	
		Speed, km/h (mph)							Free rolling				Drive Wheel													
		SW	OD	10	25		40	50	10	25	40	50														
		mm in	mm in	6	16		25	31	6	16	25	31														
42x25.00-20 NHS	20.50VF	622	1080	480	3160	12	137A8	3.1	3290	2530	2310	2180	2340	1800	1640	1550										
		622	42.5	18.9	124.4		135 B										45	7250	5570	5090	4800	5150	3960	3610	3410	
							125A8																			
							123 B																			
44x18.00-20 NHS	W14L W14LH	457	1143	492	3270	8	147A8	2.8	4390	3380	3080	2910	3080	2370	2160	2040										
		18	45	19.4	128.7		145B										41	9670	7440	6780	6410	6780	5220	4760	4490	
							135A8																			
							133B																			
48x25.00-20 NHS	20.50VF	635	1245	548	3620	10	146A8	2.4	4230	3250	2970	2800	2940	2260	2070	1950										
		25	49	21.6	142.5		144 B										35	9320	7160	6540	6170	6480	4980	4560	4300	
							133A8																			
							31 B																			
48x31.00-20 NHS	26.00VF	775	1245	550	3630	12	151A8	3.1	4910	3770	3450	3250	3470	2670	2440	2300										
		30.5	49	21.7	142.9		149 B										45	10810	8300	7600	7160	7640	5880	5370	5070	
							139A8																			
							137 B																			
48x31.00-20 NHS	26.00VF					12	150A8	2.8	4760	3650	3340	3150	3380	2600	2370	2040										
							148 B										41	10480	8040	7360	6940	7440	5730	5220	4930	
							138A8																			

328 VALUE PLUS

FLOTATION



SPEED



CULTIVATORS



PLOUGH



BALER



Alliance 328 VALUE PLUS is specially designed for low end applications like balers, wagons and agricultural implements. It displays excellent flotation and self cleaning characteristics. The tire has moderate traction flotation profile and provides maximum soil protection and low compaction.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Load index speed Sym	Inf. press.	Recommend load, kg (lbs)							
		SW	OD							Speed, km/h (mph)							
										Free rolling				Drive Wheel			
		mm in	mm in							10	25	40	50	10	25	40	50
10.0/75-15.3	9	268	784	343	2260	12	126A8	⊙→	4.7	2380	-	-	1700	1530	-	-	-
		10.6	30.9	13.5	88.9		114A8	68	5236	-	-	3740	3366	-	-	-	
11.0/80-15.3	9	295	845	375	2456	10	131A8	⊙→	3.4	2730	-	-	1950	1755	-	-	-
		11.6	33.3	14.8	96.6		118A8	49	6006	-	-	4290	3861	-	-	-	
400/60-15.5	13.00DC	404	874	377	2510	16	148A8	⊙→	4.4	4410	3745	3150	2835	3135	2665	2240	2015
		15.9	34.4	14.8	98.8		136A8	⊙	63.8	9720	8255	6945	6250	6910	5875	4935	4440

320 **IMP** **A8**
SPEED



Alliance 320 is a low-section implement tire with high load capacity and minimum soil compaction. This is an ideal tire for modern farming designed for on and off road applications. Its strong nylon construction provides superior performance and durability.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)										
		SW	OD						Speed, km/h (mph)										
		Free rolling							Drive Wheel										
		mm in	mm in						10	25	40	50	10	25	40	50			
mm in	mm in	mm in	mm in	mm in	mm in	bar psi	6	16	25	31	6	16	25	31					
10.0/75-15.3	9	264 10.4	760 29.9	343 13.5	2243 88.3		123A8												
							119B	↻	3.9	2170	1840	1550	1400	1530	1300	1090	980		
							111A8	↻	5.7	4780	4050	3410	3080	3370	2860	2400	2160		
							107B	↻											
							126A8	↻											
							122B	↻	4.7	2380	2020	1700	1530	1650	1400	1180	1060		
							114A8	↻	6.8	5240	4450	3740	3370	3630	3080	2600	2330		
							110B	↻											
							130A8	↻											
							126B	↻	5.5	2660	2260	1900	1710	1850	1570	1320	1190		
							118A8	↻	8.0	5860	4980	4190	3770	4070	3460	2910	2620		
							114B	↻											
							135A8	↻	7.1	3050	2595	2180	1960	2100	1785	1500	1350		
							122A8	↻	10.3	6835	5815	4885	4390	4705	4000	3360	3025		

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		SW	OD						Speed, km/h (mph)									
		mm	in						Free rolling				Drive Wheel					
		mm	in						10	25	40	50	10	25	40	50		
		in	psi	6	16	25	31	6	16	25	31							
11.5/80-15.3 Steel Belted	9	290	845	372	2456	96.7	126A8											
							123B	→	2.7	2380	2020	1700	1530	1650	1400	1180	1060	
							114A8	↻	39	5240	4450	3740	3370	3630	3080	2600	2330	
							110B	↻										
							131A8	→										
							127B	→	3.4	2730	2320	1950	1760	1900	1620	1360	1220	
							119A8	↻	49	6010	5110	4300	3880	4190	3570	3000	2690	
							115B	↻										
							134A8	→										
							130B	→	4.1	2970	2520	2120	1910	2100	1790	1500	1350	
							122A8	↻	59	6540	5550	4670	4210	4630	3940	3300	2970	
							119B	↻										
							126A8	→										
							123B	↻										
							142A8	→										
							138B	→	5.5	3710	3150	2650	2390	2590	2200	1850	1670	
							129A8	↻	80	8170	6940	5840	5260	5700	4850	4070	3680	
							125B	↻										
144A8	→	6.25	3920	3330	2800	2520	2800	2380	2000	1800								
132A8	↻	91	8640	7340	6170	5555	6170	5245	4410	3965								
12.5-15.3	9	307	875	389	2558	100.7	142A8	→										
							138B	→	4.3	3710	3150	2650	2390	2590	2200	1850	1670	
							129A8	↻	62	8170	6940	5840	5260	5700	4850	4070	3680	
							125B	↻										
							144A8	→										
							140B	→	4.9	3920	3330	2800	2520	2730	2320	1950	1760	
							131A8	↻	71	8630	7330	6170	5550	6010	5110	4300	3880	
							127B	↻										
500/55-15.5	16	503	944	410	2720	107.1	145A8	→										
							141B	→	2.4	3990	3390	2850	2570	2800	2380	2000	1800	
							132A8	↻	35	8790	7470	6280	5660	6170	5240	4410	3960	
							128B	↻										
13.0/75-16	11	336	900	404	2648	104.3	135A8	→										
							131B	→	3	3050	2590	2180	1960	2100	1790	1500	1350	
							122A8	↻	44	6720	5700	4800	4320	4630	3940	3300	2970	
							119B	↻										
14.0/65-16	11	353	870	389	2552	100.5	134A8	→										
							130B	→	2.8	2970	2520	2120	1910	2100	1790	1500	1350	
							122A8	↻	41	6540	5550	4670	4210	4630	3940	3300	2970	
							119B	↻										
							141A8	→										
							137B	→	4	3610	3060	2575	2320	2520	2140	1800	1620	
128A8	↻	58	7950	6740	5670	5110	5550	4710	3960	3570								
125B	↻																	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		SW	OD						Speed, km/h (mph)									
									Free rolling				Drive Wheel					
		mm in	mm in						10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31		
500/50-17 Available as D tire (65 km/h)	16	500 19.7	940 37	415 16.3	2736 107.7	10	143A8											
							139B	↻	2	3820	3240	2725	2450	2660	2260	1900	1710	
							130A8	↻	29	8410	7140	6000	5400	5860	4980	4190	3770	
							126B	↻										
							149A8	↻										
							145B	↻	2.75	4550	3870	3250	2930	3220	2740	2300	2070	
							137A8	↻	40	10020	8520	7160	6450	7090	6040	5070	4560	
							133B	↻										
							152A8	↻										
							149B	↻	3.25	5020	4270	3585	3230	3500	2980	2500	2250	
							140A8	↻	47	11060	9410	7900	7110	7710	6560	5510	4960	
							136B	↻										
10.5/80-18	9	274 10.8	885 34.8	406 16	2639 103.9	10	131A8	↻										
							127B	↻	3.7	2730	2320	1950	1760	1900	1620	1360	1220	
							119A8	↻	54	6010	5110	4300	3880	4190	3570	3000	2690	
							115B	↻										
12.5/80-18	9	308 12.1	965 38	432 17	2834 111.6	12	142A8	↻										
							138B	↻	3.7	3710	3150	2650	2390	2590	2200	1850	1670	
							129A8	↻	54	8170	6940	5840	5260	5700	4850	4070	3680	
							125B	↻										
							148A8	↻										
							144B	↻	4.9	4410	3750	3150	2840	3050	2590	2180	1960	
135A8	↻	71	9710	8260	6940	6260	6720	5700	4800	4320								
131B	↻																	
13.0/65-18	11	336 13.2	890 35	398 15.7	2611 102.8	12	138A8	↻										
							134B	↻	3.6	3300	2810	2360	2120	2310	1960	1650	1490	
							125A8	↻	52	7270	6190	5200	4670	5090	4320	3630	3280	
							121B	↻										
							144A8	↻										
							140B	↻	4.9	3920	3330	2800	2520	2730	2320	1950	1760	
131A8	↻	71	8630	7330	6170	5550	6010	5110	4300	3880								
127B	↻																	
15.0/70-18	13	391 15.4	990 39	442 17.4	2902 114.3	12	145A8	↻										
							141B	↻	3.1	4060	3450	2900	2610	2880	2450	2060	1850	
							133A8	↻	45	8940	7600	6390	5750	6340	5400	4540	4070	
							129B	↻										
							151A8	↻										
							147B	↻	4.25	4830	4110	3450	3110	3400	2890	2430	2190	
139A8	↻	62	10640	9050	7600	6850	7490	6370	5350	4820								
135B	↻																	
14.5/75-20	12	372 14.6	1060 41.7	476 18.7	3118 122.8	6	135A8	↻										
							131B	↻	1.7	3050	2590	2180	1960	2100	1790	1500	1350	
							122A8	↻	25	6720	5700	4800	4320	4630	3940	3300	2970	
							118B	↻										
							145A8	↻										
							141B	↻	2.5	4060	3450	2900	2610	2800	2380	2000	1800	
132A8	↻	36	8940	7600	6390	5750	6170	5240	4410	3960								
128B	↻																	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
		mm	mm	Free rolling				Drive Wheel									
		in	in	10	25		40	50	10	25	40	50					
		mm	in	mm	in	Load index speed Sym	bar psi	6	16	25	31	6	16	25	31		
16.0/70-20	14	418 16.5	1075 42.3	481 18.9	3156 124.3	151A8											
						147B	→	3	4830	4110	3450	3110	3400	2890	2430	2190	
						139A8	↻	44	10640	9050	7600	6850	7490	6370	5350	4820	
						135B											
						154A8	→										
		150B	→	3.5	5250	4460	3750	3380	3710	3150	2650	2390					
		142A8	↻	51	11560	9820	8260	7440	8170	6940	5840	5260					
		138B															

A-320 VALUE PLUS



A 320 Value Plus is specially designed for agricultural implements. Its large footprint & high rubber to void ratio minimizes soil compaction. Strong textile construction ensures optimal performance and long tire life. This tire can be used for grassland and sensitive soil applications and can be used in fields and also on roads.



Size	Rim Width (inch)	Unloaded Dimension		Loaded Static Radius (mm)	Rolling Circumference (mm)	PR LOAD INDEX / SPEED SYMBOL	Inflated Pressure (Bar)	Recommend load, kg (lbs)									
		SW (mm)	OD (mm)					Speed, km/h (mph)									
								Free rolling					Drive Wheel				
								Static -	10 6	25 16	30 18	40 25	Static -	10 6	25 16	30 18	40 25
10.0/75-15.3	9	264	760	343	2243	10	5.3	3070	2400	1980	1850	1650	-	-	-	-	-
						129A6	76	6768	5291	4365	4079	3638	-	-	-	-	-
						125A8											
						14	7.5	3760	2945	2430	2240	2000	-	-	-	-	-
						136A6	108	8289	6493	5357	4938	4409	-	-	-	-	-
11.5/80-15.3	9	290	845	372	2456	14	6.5	4810	3765	3110	2900	2575	-	-	-	-	-
						145A6	94	10604	8300	6856	6393	5677	-	-	-	-	-
						141A8											
12.5/80-15.3	9	307	875	389	2558	14	5.9	5245	4105	3390	3150	2800	-	-	-	-	-
						148A6	85	11563	9050	7474	6944	6173	-	-	-	-	-
						144A8											
400/60-15.5	13DC	404	874	377	2510	16	5.5	5940	4650	3840	3550	3150	-	-	-	-	-
						152A6	79	13095	10251	8466	7826	6944	-	-	-	-	-
						148A8											

FarmPRO IMP 327

I-2

A8
SPEED



AGRICULTURAL
IMPLEMENTS



TRAILER



FarmPRO 327 Implement has a soil friendly tread design characterized by central ribs and shoulder lugs. The central ribs together with a wide and flat contact area provide lowest possible soil compaction and damage.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)																		
		SW	OD						Speed, km/h (mph)																		
									Free rolling				Drive Wheel														
		mm in	mm in						10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31											
400/60-15.5	13	405	874	375	2498	14	145A8	3.6	4060	3450	2900	2610	2800	2380	2000	1800											
		15.9	34.4	14.8	98.3		141B										52	8940	7600	6390	5750	6170	5240	4410	3960		
							132A8																				
							128B																				
14.0/65-16 360/65-16	11	357	874	388	2590	-	150A8	4.6	4690	3990	3350	3015	3305	2810	2360	2125											
		14.1	34.4	15.3	102		138A8										66	10340	8796	7385	6647	7286	6195	5203	4685		
340/55-16	11	340	780	365	2354	12	133A8	3.4	2880	2450	2060	1850	2030	1730	1450	1310											
		13.4	30.7	14.4	92.7		129B										49	6340	5400	4540	4070	4470	3810	3190	2890		
							121A8																				
							118B																				
360/65-16*							141A8		-----UNDER DEVELOPMENT-----																		
							137B																				
							128A8																				
							125B																				
15.0/55-17 (380/55-17)	13	391	850	384	2516	12	138A8	2.8	3300	2805	2360	2125	2310	1965	1650	1485											
		15.4	33.5	15.1	99.1		125A8										40.6	7285	6190	5200	4685	5090	5330	3635	3275		
19.0/45-17 (480/45-17)	16					10	140A8	2.25	3500	2980	2500	2250	2450	2080	1750	1580											
							136B										33	7710	6560	5510	4960	5400	4580	3850	3480		
							127A8																				
							123B																				
							146A8																				
							142B										2.8	4200	3570	3000	2700	2970	2520	2120	1910		
19.0/45-17 (480/45-17)	16	480	865	400	2592	14	134A8	4.1	9250	7860	6610	5950	6540	5550	4670	4210											
		18.9	34.1	15.7	102		130B																				
							149A8										3.3	4550	3865	3250	2920	3135	2665	2240	2000		
							136A8										4.8	10030	8520	7165	6435	6910	5875	4935	4410		

Fronts & Implements

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)																							
		SW	OD						Speed, km/h (mph)																							
		mm in	mm in						Free rolling				Drive Wheel																			
									10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31																
500/50-17	16	500 19.7	960 37.8	435 17.1	2840 111.8	10	143A8	2	3820	3240	2725	2450	2660	2260	1900	1710																
							139B		29	8410	7140	6000	5400	5860	4980	4190	3770															
							130A8	2.75	4550	3870	3250	2930	3140	2670	2240	2020	149A8	14	145B	40	10020	8520	7160	6450	6920	5880	4930	4450				
							126B																									
							154A8	3.5	5250	4460	3750	3375	3605	3065	2575	2320	150B	18	141A8	51	11575	9835	8265	7440	7945	6760	5675	5115				
							137B																									
							12.5/80-18	10	320	970	434	2860	12	142A8	3.7	3710	3150	2650	2380	2950	2200	1850	1670									
							320/80-18							54										8180	6945	5840	5245	5710	4850	4075	3680	
							16.0/70-20	13	408	1075	476	3112	12	151A8	3	4830	4105	3450	3105	3400	2890	2430	2185									
							400/70-20							43.5										10645	9050	7605	6845	7495	6370	5355	4815	
							500/55-20	16	503 19.8	1058 41.7	464 18.3	3063 120.6	10	150A8	2.4	4690	3990	3350	3020	3300	2810	2360	2120									
														146B										35	10330	8790	7380	6650	7270	6190	5200	4670
138A8	3.25	5430	4610	3875	3490	3820								3240	2725	2450	155A8	12	151B	47	11960	10150	8540	7690	8410	7140	6000	5400				
134B																																
143A8	3	7000	5950	5000	4500	4900								4170	3500	3150	164A8	12	160B	44	15420	13110	11010	9910	10790	9190	7710	6940				
139B																																
560/60-22.5	16	565 22.2	1250 49.2	547 21.5	3618 142.4	12							164A8	3	7000	5950	5000	4500	4900	4170	3500	3150										
160B													44										15420	13110	11010	9910	10790	9190	7710	6940		
152A8													3.75	8120	6900	5800	5220	5780	4910	4125	3710	169A8	16	165B	54	17890	15200	12780	11500	12730	10810	9090
148B																																
157A8																																
154B						3.5							8400	7140	6000	5400	5880	5000	4200	3780	170A8	16	167B	51	18500	15730	13220	11890	12950	11010	9250	8330
158A8																																
154B																																
167A8																																
600/55-22.5	20	620 24.4	1250 49.2	547 21.5	3618 142.4	16	167B	2.5	7630	6490	5450	4910	5390	4580	3850	3470																
158A8							36										16810	14300	12000	10810	11870	10090	8480	7640								
154B								155A8	151B																							
700/45-22.5							24			725 28.5	1250 49.2	547 21.5	3618 142.4	12	167A8	2.5	7630	6490	5450	4910	5390	4580	3850	3470								
163B	36	16810	14300	12000	10810	11870		10090	8480						7640																	

223

I-1

A8

SPEED



TRAILER



Alliance 223 Implement is a heavy-duty tire designed to carry heavy loads under tough field conditions. The strong nylon construction and the all-around protection against ozone and sunlight ensure long tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
		mm in	mm in	Free rolling					Drive Wheel								
				10	25				40	50	10	25	40	50			
								bar	psi	6	16	25	31	6	16	25	31
9.00-13	5.50F	236 9.3	780 30.7	354 13.9	2310 90.9	8	119A8		2.4 35	1900 4190	1620 3570	1360 3000	1220 2690	1330 2930	1130 2490	950 2090	860 1890
							115 B	→									
							106A8	○									
							102 B	○									
							123A8	→									
		12	120 B	→	3.1 45	2170 4780	1840 4050	1550 3410	1400 3080	1530 3370	1300 2860	1090 2400	980 2160				
		111A8	○														
		107 B	○														

222

I-1

A8

SPEED



AGRICULTURAL
IMPLEMENTS



TRAILER



Alliance 222 Agricultural Implement tire is a multi-rib, low-section design. Its extra wide tread and high volume enables carrying of heavy loads with low inflation pressures. It is highly suitable for on and off-the-road service. For best performances on soft, dry sand the tire can also be mounted on drive wheels.

ROADABILITY

LOAD CARRYING CAPACITY

SOIL PROTECTION

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)																		
		SW	OD						Speed, km/h (mph)																		
									Free rolling				Drive Wheel														
									10	25	40	50	10	25	40	50											
mm in	mm in	mm in	mm in	mm in	mm in	bar psi	6	16	25	31	6	16	25	31													
11L-15	W8L 8LB 10LB	279	777	339	2245	10	116A8	3	1750	1490	1250	1130	1230	1040	875	790											
		11	30.6	13.3	88.4		112 B										44	3850	3280	2750	2490	2710	2290	1930	1740		
							103A8																				
							100 B																				
16.5L-16.1SL	14LB W14C	419	1024	438	2922	10	138A8	2.5	3300	2810	2360	2120	2310	1960	1650	1490											
		16.5	40.3	17.2	115		134 B										36	7270	6190	5200	4670	5090	4320	3630	3280		
							125A8																				
							122 B																				
15.0/55-17	13	391	850	373	2465	18	150A8	6	4620	3930	3300	2970	3280	2780	2340	2110											
		15.4	33.5	14.7	97		146 B										87	10180	8660	7270	6540	7220	6120	5150	4650		
							138A8																				
							134 B																				
19.0/45-17	16	480	850	375	2470	14	143A8	4	3820	3250	2730	2460	2670	2270	1910	1720											
		18.9	33.5	14.8	97.2		139 B										58	8410	7160	6010	5420	5880	5000	4210	3790		
							130A8																				
							126 B																				
20.00-20	16 20SDC	498	1400	598	3991	20	169A8	3.9	8120	6900	5800	5220	5600	4760	4000	3600											
		19.6	55.1	23.5	157.1		165 B										57	17890	15200	12780	11500	12330	10480	8810	7930		
							156A8																				
							153 B																				

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		SW	OD						Speed, km/h (mph)									
		mm in	mm in	Free rolling				Drive Wheel										
		mm in	mm in	10 6	25 16		40 25	50 31	10 6	25 16	40 25	50 31						
21.0/80-20	16SDC	525	1384	580	3900	12	166A8											
		20.7	54.5	22.8	153.5		162 B	→	2.2	7420	6310	5300	4770	5250	4460	3750	3380	
							154A8		32	16340	13900	11670	10510	11560	9820	8260	7440	
							150 B	○										
							167A8	→										
550/60-22.5	16.00DC	550	1238	540	3580	16	163 B	→	2.8	7630	6490	5450	4910	5250	4460	3750	3380	
		21.7	48.7	21.3	140.9		154A8		41	16810	14300	12000	10810	11560	9820	8260	7440	
							150 B	○										
							169A8	→										
							166B	→	2.6	8120	6900	5800	5220	5600	4760	4000	3600	
600/55-22.5	20.00DC	602	1235	533	3540	16	156A8		38	17890	15200	12780	11500	12330	10480	8810	7930	
		23.7	48.6	21	139.4		153B	○										

351 | **I-1** | **A8**
SPEED



Alliance 351 is an implement tire with five-ribs designed for on and off road implement and trailer applications. The tire can be mounted on drive wheels for best performance in soft and dry conditions.



Size	Rim	Unloaded dimension		Loaded Static Radius mm in	Rolling Circum mm in	PR	Free/Drive Wheel	Infl. press. bar psi	Recommend load, kg (lbs)																											
		Speed, km/h (mph)							Free rolling				Drive Wheel																							
		10	25						40	50	10	25	40	50																						
		6	16						25	31	6	16	25	31																						
11.25-24SL Steel Belted	W10H W10 W8 W8H	325	1171	530	3460	136.2	8	128A8	↻	2.2 32	2520 5550	2140 4710	1800 3960	1620 3570	1750 3850	1490 3280	1250 2750	1130 2490																		
								116A8	↻																											
								112 B	↻																											
								134A8	↻																											
								10	130 B										↻	2.7 39	2970 6540	2520 5550	2120 4670	1910 4210	2100 4630	1790 3940	1500 3300	1350 2970								
								122A8	↻																											
								119 B	↻																											
								12	138A8										↻																	
								134 B	↻										3.3 48										3300 7270	2810 6190	2360 5200	2120 4670	2310 5090	1960 4320	1650 3630	1490 3280
								125A8	↻																											
								122 B	↻																											
								12	139A8																											
135 B	↻	3.3 48	3400 7490	2890 6370	2430 5350	2190 4820	2380 5240	2020 4450	1700 3740	1530 3370																										
126A8	↻																																			
123 B	↻																																			
14	142A8										↻																									
138 B	↻										3.7 54	3710 8170	3150 6940	2650 5840	2390 5260	2590 5700	2200 4850	1850 4070		1670 3680																
129A8	↻																																			
125 B	↻																																			

542 I-1 **A8**
SPEED



Alliance 542 is designed for free-rolling wheels used in harvesting machines, hay balers, bale racks, seeders, windrowers, and fertilizer/manure spreaders. It allows easy steering of machinery/equipment due to its enhanced grooved ribs.



542 (7 Ribs)

Size	Rim	Unloaded Dimension		SLR	Rolling Circumference	PR	A.P.	Recommend load, kg (lbs)
		SW	OD					Speed, km/h (mph)
		mm in	mm in					
11L-14SL	14x8KB	280	754	342	2236	8	2.48	1120
		11	29.7	13.5	88		36	2470
9.5L-14SL	7.0x14	241	748	342	2234	8	3.03	1088.6
		9.5	29.4	13.5	88		44	2400
11L-15SL	8LBx15	266	780	350	2288	8	2.482	1152
		10.5	30.7	13.8	90.1		36	2540
12.5L-15SL	10LBx15	319	835	372	2431	8	2.5	1361
		12.6	32.9	14.6	95.7		36	3000
6.70-15SL	4Jx15	170	722	327	2136	6	3.033	839
		6.7	28.4	12.9	84.1		44	1850
7.60-15SL	7Jx15	208	737	333	2175	8	3.585	1100
		8.2	29	13.1	85.6		52	2405
9.5L-15SL	8LBx15	249	768	352	2267	8	3.03	1120
		9.8	30.2	13.9	89.3		44	2470
						12	4.4	1450
							64	3200

Fronts & Implements



BETTER VALUE.
SMARTER CHOICE.

Size	Rim	Unloaded Dimension		SLR	Rolling Circumference	PR	A.P.	Recommend load, kg (lbs)
		SW	OD					Speed, km/h (mph)
		mm in	mm in					
11.00-16SL	8.0x16	315	949	420	2746	12	3.45	2240.7
		12.4	37.4	16.5	108.1		50	4940
7.50-16SL	5.5Fx16	217	788	363	2370	8	3.3	1060
		8.5	31	14.3	93.3		48	2340
9.00-16SL	6LBx16	264	856	390	2547	10	3.6	1500
		10.4	33.7	15.4	100.3		52	3300
19L-16.1SL	W16Cx16.1	480	1060	462	3020	12	2.5	2993.5
		18.9	41.7	18.2	118.9		36	6600
21.5L-16.1SL	W18x16.1	545	1139	494	3226	10	1.9	2993.5
		21.5	44.8	19.4	127		28	6600
21.5L-16.1 SL*						18	-----UNDER DEVELOPMENT-----	

543



Alliance 543 High Speed tire is ribbed to provide excellent performance for free rolling wheels for use on harvesting machines, hay balers, bale racks, seeders, windrowers and fertilizer & manure spreaders. It provides easy steering of machinery/equipment due to its heavily grooved ribs.

The tire provides adequate flotation for machinery and has high density rubber compounding on its tread. This tire is DOT certified for intermittent highway use.



Size	Rim	Unloaded Dimension		SLR	Rolling Circumference	PR	A.P.	Recommend load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
		mm in	mm in					100	62
11L-15FI	8LBx15	264	785	352	2301	Load Range D	4.13	1397	
		10.4	30.9	13.9	90.6	60	3080		
12.5L-15FI	8LBx15	318	820	366	2392	Load Range F	6.2	1796.2	
		12.5	32.3	14.4	94.2	90	3960		
9.5L-15FI	15	246	766	349	2283	Load Range D	4.14	1216	
		9.7	30.2	13.7	89.9	60	2681		

AS 323

R-1

A8
SPEED



Alliance AS-323 Agriculture tire is designed for tractors, implements, self-propelled harvesting equipments and light industrial/construction applications. It has superior carcass casing and bead construction which better the tire life. The extra deep lug provides good performance under severe working conditions. The specially designed directional tread pattern provides excellent traction and self-cleaning properties. The tire is made with special rubber compound which provides greater resistance to tire failure, tear resistance and hence gives long tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Free Rolling				Cyclic Applications				
								mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	40 25
10.0/75-15.3	9	264	780	348	2293	10	3.9	-	2170	1845	1550	1395	1525	1300	1090	980
		10.4	30.7	13.7	90.3	123A8			56	4785	4065	3415	3075	3360	2865	2400
11.5/80-15.3	9	290	867	382	2550	12	4.1	-	3050	2595	2180	1960	2170	1845	1550	1395
		11.4	34.1	15	100.4	135A8			60	6725	5720	4805	4320	4785	4065	3415
7.50-16	5.5	209	805	362	2367	8	3.25	-	1570	1335	1120	1010	1085	925	775	700
		8.2	31.7	14.3	93.2	112A8			47	3460	2940	2470	2225	2390	2040	1705

316 **R-3** **A8**
SPEED



The Alliance 316 is a multi-purpose tractor tire that provides high flotation on soft soil. The flotation provides plant and lawn protection as well as orchard and grove protection. The tire is suitable for on-the-road, industrial and road construction equipment. The tire is built with a strong nylon construction and is a rugged design.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)						Field operation			
								Not high and sustained torque; Road transport						Low Torque			High Torque
		mm in	mm in					mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25
12.4-16	W11 W10L 10LB	315	931	429	2783	109.6	8	2.8	2500	1880	1530	1390	1250	1140	1750	1500	1340
								116A8	40	5510	4140	3370	3060	2750	2510	3850	3300
		12.4	36.7	16.9	109.6	10	3	3060	2000	1640	1420	1330	1210	1860	1600	1420	
							44	6740	4410	3610	3130	2930	2670	4100	3520	3130	
		12.4	36.7	16.9	109.6	10	121A8	3.2	3170	2070	1700	1480	1380	1260	1930	1660	1480
							46	6980	4560	3740	3260	3040	2780	4250	3660	3260	
		12.4	36.7	16.9	109.6	10	121A8	3.5	3340	2180	1780	1550	1450	1320	2030	1740	1550
							51	7360	4800	3920	3410	3190	2910	4470	3830	3410	

FORESTRY



Tire Patterns by Segments

Logskidder

345

TRACTION ██████████
LOAD CARRYING CAPACITY ██████████
SOIL PROTECTION ██████████
GROUND STABILITY ██████████

SC SB
SPECIAL COMPOUND STEEL BELTED

LS-2 A6

Pg.No.163

Forwarder & Harvester

342

TRACTION ██████████
LOAD CARRYING CAPACITY ██████████
SOIL PROTECTION ██████████
GROUND STABILITY ██████████

SC SB
SPECIAL COMPOUND STEEL BELTED

LS-2 A8

Pg.No.169

FORESTAR 343

TRACTION ██████████
LOAD CARRYING CAPACITY ██████████
SOIL PROTECTION ██████████
GROUND STABILITY ██████████

SC SB
SPECIAL COMPOUND STEEL BELTED

LS-2 A8

Pg.No.170

FORESTAR 344

TRACTION ██████████
SOIL PROTECTION ██████████
GROUND STABILITY ██████████
LOAD CARRYING CAPACITY ██████████

SC SB
SPECIAL COMPOUND STEEL BELTED

LS-2 A8

Pg.No.172

FORESTAR 346

TRACTION ██████████
SOIL PROTECTION ██████████
GROUND STABILITY ██████████
LOAD CARRYING CAPACITY ██████████

SC SB
SPECIAL COMPOUND STEEL BELTED

LS-2 A8

Pg.No.174

Forestry Trailer - Flotation

328

TRACTION ██████████
LOAD CARRYING CAPACITY ██████████
GROUND STABILITY ██████████
ROADABILITY ██████████

SC SB
SPECIAL COMPOUND STEEL BELTED

FLOTATION I-3 A8

Pg.No.177

331

TRACTION ██████████
LOAD CARRYING CAPACITY ██████████
GROUND STABILITY ██████████
ROADABILITY ██████████

SC SB
SPECIAL COMPOUND STEEL BELTED

FLOTATION I-3 A8

Pg.No.178

380

TRACTION ██████████
ROADABILITY ██████████
GROUND STABILITY ██████████
LOAD CARRYING CAPACITY ██████████

SC SB
SPECIAL COMPOUND STEEL BELTED

FLOTATION I-3 A8

Pg.No.180

Agro Forestry

333

TRACTION ██████████
LOAD CARRYING CAPACITY ██████████
SOIL PROTECTION ██████████
GROUND STABILITY ██████████

SC SB
SPECIAL COMPOUND STEEL BELTED

R-1W A8

Pg.No.185

347

TRACTION ██████████
LOAD CARRYING CAPACITY ██████████
SOIL PROTECTION ██████████
GROUND STABILITY ██████████

SC SB
SPECIAL COMPOUND STEEL BELTED

R-1 A8

Pg.No.186

360

TRACTION ██████████
LOAD CARRYING CAPACITY ██████████
SOIL PROTECTION ██████████
GROUND STABILITY ██████████

SC SB
SPECIAL COMPOUND STEEL BELTED

R-1W A8

Pg.No.187

365

TRACTION ██████████
LOAD CARRYING CAPACITY ██████████
SOIL PROTECTION ██████████
GROUND STABILITY ██████████

SC SB
SPECIAL COMPOUND STEEL BELTED

R-1W D

Pg.No.188

370

TRACTION ██████████
LOAD CARRYING CAPACITY ██████████
SOIL PROTECTION ██████████
GROUND STABILITY ██████████

SC SB
SPECIAL COMPOUND STEEL BELTED

R-1W A8

Pg.No.189

385

TRACTION ██████████
LOAD CARRYING CAPACITY ██████████
SOIL PROTECTION ██████████
GROUND STABILITY ██████████

SC SB
SPECIAL COMPOUND STEEL BELTED

R-1W A8

Pg.No.191

580

TRACTION ██████████
LOAD CARRYING CAPACITY ██████████
SOIL PROTECTION ██████████
GROUND STABILITY ██████████

SC SB
SPECIAL COMPOUND STEEL BELTED

R-4 A8

Pg.No.192

356

TRACTION ██████████
LOAD CARRYING CAPACITY ██████████
SOIL PROTECTION ██████████
GROUND STABILITY ██████████

SC SB
SPECIAL COMPOUND STEEL BELTED

R-1 A8

Pg.No.193

LOG SKIDDERS

Log
Skidders



Pattern Sizes by Segment

Size	L/PR	345
18.4-26	10PR	●
	141A6 /153A2	●
	148A6 /159A2	●
23.1-26	14PR	●
	10PR	●
	149A6 /160A2	●
	14PR	●
	157A6 /169A2	●
	160A6 /172A2	●
	16PR	●
28L-26	12PR	●
	154A6 /166A2	●
	160A6 /172A2	●
	165A6 /177A2	●
	16PR	●
	173A6 /184A2	●
	20PR	●
	26PR	●
16.9-30	148A6 /159A2	●
18.4-30	14PR	●
	14PR	●
24.5-32	164A6 /176A2	●
	169A6 /181A2	●
	16PR	●
30.5L-32	20PR	●
	12PR	●
	162A6 /174A2	●
	170A6 /181A2	●
	171A6 /182A2	●
	176A6 /188A2	●
	18PR	●
	20PR	●
35.5L-32	26PR	●
	177A6 /189A2	●
	183A6 /195A2	●
	20PR	●
18.4-34	26PR	●
	10PR	●
	144A6 /155A2	●
	14PR	●
	150A6 /162A2	●

● Logskidder

345 **LS-2** **A6**
SPEED



Log
Skidders



Alliance 345 is a bias belted tire with steel reinforcement for high puncture resistance. The tire uses special tread compound and has very thick sidewalls and under tread. The reinforced bead of the tire provides exceptional performance. Its lower lug angle provides excellent grip and exhibits self cleaning characteristics due to its wide inter-lug space which is vital in logging applications. The close spacing of the lugs in the centre of the tire reduces rolling resistance on hard surfaces. The 345 is designed to handle various terrains without chains/boggy trucks.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application									
								Speed, km/h (mph)					Recommended load, kg (lbs)				
		SW	OD					logging or forestry service					cable/grapple skidders				
		mm in	mm in					Static	15 9	25 16	30 19	40 25	50 31	bar psi	10 6		
18.4-26	DW16A	467 18.4	1445 56.9	663 26.1	4310 169.7	10											
						141A6	1.8	6970	3100	2840	2580	2320	-	2.1	3610		
						153A2	26	15350	6830	6260	5680	5110	-	30	7950		
						14											
						148A6	2.5	8510	3780	3470	3150	2840	-	2.9	4410		
						159A2	36	18740	8330	7640	6940	6260	-	42	9710		
23.1-26	DW20A	587 23.1	1610 63.4	734 28.9	4781 188.2	10											
						149A6	1.4	8780	3900	3580	3250	2930	-	1.7	4550		
						160A2	20	19340	8590	7890	7160	6450	-	25	10020		
						14											
						157A6	2.1	11140	4950	4540	4125	3710	-	2.4	5780		
						169A2	30	24540	10900	10000	9090	8170	-	35	12730		
						16											
						160A6	2.4	12040	5350	4910	4460	4010	-	2.75	6240		
						172A2	35	26520	11780	10810	9820	8830	-	40	13740		

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application									
								Speed, km/h (mph)									
		Recommended load, kg (lbs)		logging or forestry service					cable/grapple skidders								
		SW	OD								Static	15 9	25 16	30 19	40 25	50 31	bar psi
mm in	mm in	mm in	mm in	bar psi	Static	15 9	25 16	30 19	40 25	50 31	bar psi	10 6					
28L-26	DW25A	715 28.1	1638 64.5	746 29.4	4861 191.4	12											
						154A6	1.4	10130	4500	4130	3750	3380	-	1.7	5250		
						166A2	20	22310	9910	9100	8260	7440	-	25	11560		
						16											
						160A6	1.9	12260	5450	4990	4540	4090	-	2.3	6360		
						172A2	28	27000	12000	10990	10000	9010	-	33	14010		
		20															
		165A6	2.4	13910	6180	5670	5150	4640	-	2.8	7210						
		177A2	35	30640	13610	12490	11340	10220	-	41	15880						
		26															
		173A6	3.6	17550	7800	7150	6500	5850	-	3.9	9100						
		184A2	52	38660	17180	15750	14320	12890	-	57	20040						
16.9-30	DW15A	429 16.9	1504 59.2	696 27.4	4508 177.5	14											
						148A6	2.9	8510	3780	3470	3150	2840	-	3.3	4410		
						159A2	42	18740	8330	7640	6940	6260	-	48	9710		
18.4-30	DW16A	470 18.5	1547 60.9	723.5 28.5	4667 183.7	14	2.5	8780	3900	3580	3250	2930	-	2.9	4550		
							36	19340	8590	7890	7160	6450	-	42	10020		
24.5-32	DW21A	622 24.5	1817 71.5	833 32.8	5414 213.1	16											
						164A6	2.1	13500	6000	5500	5000	4500	-	2.4	7000		
						176A2	30	29740	13220	12110	11010	9910	-	35	15420		
						20											
						169A6	2.7	15660	6960	6380	5800	5220	-	3.1	8250		
181A2	39	34490	15330	14050	12780	11500	-	45	18170								
30.5L-32	DW27A DH27	775 30.5	1847 72.7	846 33.3	5500 216.5	12											
						162A6	1.4	12830	5700	5230	4750	4280	-	1.7	6650		
						174A2	20	28260	12560	11520	10460	9430	-	25	11600		
						18											
						170A6	2.05	16200	7200	6600	6000	5400	-	2.4	8250		
						181A2	30	35680	15860	14540	13220	11890	-	35	18170		
						20											
						171A6	2.15	19170	8520	7810	7150	6390	-	2.5	8500		
						182A2	31	42220	18770	17200	13550	14070	-	36	18720		
						26											
176A6	2.75	19170	8520	7810	7100	6390	-	3.1	10000								
188A2	40	42220	18770	17200	15640	14070	-	45	22000								
35.5L-32	DH31	896 35.3	2010 79.1	919 36.2	5979 235.4	20											
						177A6	1	19710	8760	8030	7300	6570	-	2.15	10300		
						189A2	26	43410	19300	17690	16080	14470	-	31	22690		
						26											
						183A6	2	23630	10500	9630	8750	7880	-	2.8	12150		
195A2	35	52050	23130	21210	19270	17360	-	41	26760								
18.4-34	DW16A	467 18.4	1656 65.2	768 30.2	4971 195.7	10											
						144A6	1.8	7530	3350	3070	2790	2510	-	2.1	3910		
						155A2	26	16590	7380	6760	6150	5530	-	30	8610		
						14											
						150A6	2.5	9050	4020	3690	3350	3020	-	2.9	4690		
162A2	36	19930	8850	8130	7380	6650	-	42	10330								

FORWARDER AND HARVESTER

Forwarder &
Harvester

Pattern Sizes by Segment

Size	L/PR	344 Forestar	342	343 Forestar	346 Forestar
600/50-22.5	149A8/156A2			●●	
	151A8/158A2	●●●			
	16PR	●●●		●●	
	24PR/164A8			●●	
710/40-22.5	152A8 /159A2			●●	
	154A8/161A2	●●●			
	156A8/163A2	●●●			
	16PR	●●●		●●	
600/50R24.5	20PR	●●●			
	161A8/168A2		●●●		
650/45-24.5	161A8/168A2	●●●			
	20PR	●●●			
	161A8/168A2		●●●		
	20PR		●●●		
710/40-24.5	163A8 /170A2	●●●			
	163A8/170A2			●●	
	20PR	●●●		●●	
710/40R24.5	163A8/170A2		●●●		
54x37.00-25	12PR	●●●			
	158A8/166A2	●●●			
	167A8/174A2	●●●			
	20PR	●●●			
600/55-26.5	170A8 /177A2	●●●			
	158A8/166A2			●●	
	165A8 /172A2	●●●			
	165A8/172A2			●●	
	16PR			●●	
	20PR	●●●			
	20PR			●●	
24PR	●●●				
600/55R26.5	165A8/172A2		●●●		
650/65-26.5	169A8 /176A2	●●●			
	169A8/176A2			●●	
	16PR	●●●			
	16PR			●●	
	174A8 /181A2	●●●			
	174A8/181A2			●●	
	20PR	●●●			
	20PR			●●	
700/50-26.5	168A8/175A2	●●●			
	20PR	●●●			

Pattern Sizes by Segment

Size	L/PR	344 Forestar	342	343 Forestar	346 Forestar
710/45-26.5	173A8/ 180A2	●●●			
	161A8/ 168A2	●●●			
	161A8/168A2			●●	
	168A8 /175A2	●●●			
	168A8/175A2			●●	
	16PR	●●●			
	16PR			●●	
	173A8/180A2			●●	
	20PR	●●●			
	20PR			●●	
710/45R26.5	24PR	●●●		●●	
	168A8/175A2		●●●		
710/60-26.5	177A8/184A2	●●●			
	20PR	●●●			
750/55-26.5	16PR	●●●		●●	
	172A8/179A2	●●●		●●	
	177A8/184A2	●●●		●●	
	184A8/191A2			●●	
	20PR	●●●		●●	
	26PR			●●	
800/40-26.5	170A8 /177A2	●●●			
	163A8/170A2			●●	
	16PR			●●	
	170A8/177A2			●●	
800/40R26.5	20PR	●●●		●●	
	170A8 /177A2	●●●			
870/45-26.5	20PR	●●●			
	170A8/177A2	●●●			
600/60-28	159A8/167A2		●●●		
	16PR		●●●		
600/60R28	159A8/167A2		●●●		
600/65-34	14PR				●●
	157A8 /164A2				●●
	160A8 /167A2				●●
	16PR				●●
600/65R34	165A8/172A2		●●●		
	14PR				●●
700/55-34	161A8 /168A2				●●
	164A8 /171A2				●●
	20PR				●●
	173A8/180A2				●●
	20PR				●●
710/55R34	171A8/178A2		●●●		
650/65-38	16PR		●●●		
	171A8/179A2		●●●		
650/65R38	171A8/ 178A2		●●●		
710/70R42	173A8/182A2		●●●		

Forestar & Harvester

● Forestry Forwarder ● Forestry Harvester ● Forestry Trailer ● MFWA

342 **LS-2** **A8**
SPEED



Forwarder & Harvester



Alliance 342 includes the entire forestry flotation radial and relevant forestry tractor sizes. Specific, big and strong tread pattern enables long tread life, excellent traction, grip and reliability while working on slopes. The tread pattern is reinforced by small lugs located on the shoulders. These lugs protect the shoulders from side damages done by stones and branches. The tire is steel reinforced under the tread area to prevent punctures during forestry operations. The special compound used in the tire sidewall structure enables high stability of forestry tractors at high tilt angles. The special rubber compounds used for the tread and sidewall give long, efficient protection from chipping and chunking which are the major concerns in forestry operations.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application									
		SW	OD					Speed, km/h (mph)						Recommended load, kg (lbs)			
				mm in	mm in	Drive wheel						Forestry use					
		mm in	mm in			mm in		mm in	mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25	50 31
600/50R24.5	AG20.00	615	1226	565	3754	161A8	5.0	10640	6940	5690	4950	4625	4210	4625	5690		
		24.2	48.3	22.2	147.8	168A2	73	23440	15290	12530	10900	10190	9270	10190	12530		
650/45R24.5	AG22.00	635	1225	565	3754	20	5.0	10640	6940	5690	4950	4625	4210	4625	5690		
		25	48.2	22.2	147.8	161A8 168A2	73	23440	15290	12530	10900	10190	9270	10190	12530		
710/40R24.5	AG24.00	710	1230	569.4	3754	163A8	5.0	11210	7310	6000	5220	4875	4440	4875	5950		
		28	48.4	22.4	147.8	170A2	73	24690	16100	13220	11500	10740	9780	10740	13110		
600/55R26.5	AG20.00	600	1340	623	4090	165A8	5.0	11850	7730	6330	5510	5150	4690	5150	6280		
		23.6	52.8	24.5	161	172A2	73	26100	17030	13940	12140	11340	10330	11340	13830		
710/45R26.5	AG24.00	714	1334	621	4110	168A8	5.0	12880	8400	6890	5990	5600	5100	5600	6830		
		28.1	52.5	24.4	161.8	175A2	73	28370	18500	15180	13190	12330	11230	12330	15040		
600/60-28	DW20B DW18B	616	1448	672	4427	16	3.2	10060	6560	5380	4680	4375	3980	4375	5450		
		24.3	57	26.5	174.3	159A8 167A2	46	22160	14450	11850	10310	9640	8770	9640	12000		
600/60R28	DW20B DW18B	616	1420	660	4348	159A8	3.2	10060	6560	5380	4680	4375	3980	4375	5450		
		24.3	55.9	26	171.2	167A2	46	22160	14450	11850	10310	9640	8770	9640	12000		
600/65R34	DW20B	610	1642	772	4976	165A8	4.0	11850	7730	6330	5510	5150	4690	5150	6330		
		24	64.6	30.4	195.9	172A2	58	26100	17030	13940	12140	11340	10330	11340	13940		
710/55R34	DW24B	720	1644	770	4998	171A8	4.0	14150	9230	7560	6580	6150	5600	6150	7560		
		28.3	64.7	30.3	196.8	178A2	58	31170	20330	16650	14490	13550	12330	13550	16650		
650/65-38	DW20B DW18B	660	1840	850	5586	16	3.2	14150	9230	7560	6580	6150	5600	6150	7660		
		26	72.4	33.5	219.9	171A8 179A2	46	31170	20330	16650	14490	13550	12330	13550	16870		
650/65R38	DW20B	650	1812	842	5521	171A8	3.6	14150	9230	7560	6580	6150	5600	6150	7500		
		25.6	71.3	33.1	217.4	178A2	52	31170	20330	16650	14490	13550	12330	13550	16520		
710/70R42	DW23B	730	2050	956	6174	173A8	3.0	14950	9750	8000	6960	6500	5920	6500	8000		
		28.7	80.7	37.6	243.1	182A2	44	32930	21480	17620	15330	14320	13040	14320	17610		

FORESTAR 343

LS-2

A8

SPEED



FORESTRY
FORWARDER



FOREST
HARVESTER



Alliance FORESTAR 343 Flotation tire represents the most sophisticated design for application in forestry machines such as harvesters and forwarders. This tire is characterized by wide and robust lugs with low angles providing excellent grip on wide range of forestry terrains in addition to the known bogie truck standard design defined by leading track producers. Some of its features are strong steel breakers, basic nylon tire structure, special durable tread compound, high under tread gauge and thick sidewalls.



SC

SPECIAL
COMPOUND

SB

STEEL
BELTED

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Inf. press.	Constant load application							
		SW	OD					Speed, km/h (mph)							
				Recommended load, kg (lbs)											
				Drive wheel				Forestry use							
mm in	mm in	mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25	50 31	10*HT 6*HT	10*LT 6*LT			
600/50-22.5	20.00DC	585 23	1163 45.8	543 21.4	3506 138	16	3.2 46	7480 16480	4550 10020	4000 8810	3480 7670	3250 7160	-	3250 7160	4000 8810
						149A8									
						156A2									
						24									
710/40-22.5	24.00DC	710 28	1170 46.1	546 21.5	3526 138.8	16	3.2 46	8170 18000	4970 10950	4370 9630	3800 8370	3550 7820	-	3550 7820	4370 9630
						152A8									
						159A2									
						20									
710/40-24.5	24.00DC	710 28	1235 48.6	582 22.9	3713 146.2	16	5 73	11210 24690	6830 15040	6000 13220	5220 11500	4875 10740	-	4875 10740	6000 13220
						163A8									
						170A2									
						20									
600/55-26.5	20.00DC	600 23.6	1340 52.8	620 24.4	4017 158.1	16	4 58	9780 21540	5950 13110	5230 11520	4550 10020	4250 9360	-	4250 9360	5230 11520
						158A8									
						166A2									
						20									
650/65-26.5	20.00DC	657 25.9	1485 58.5	690 27.2	4462 175.7	16	4 58	13340 29380	8120 17890	7130 15700	6210 13680	5800 12780	-	5800 12780	7130 15700
						169A8									
						176A2									
						20									
600/55-26.5	20.00DC	600 23.6	1340 52.8	620 24.4	4017 158.1	20	5 73	11850 26100	7210 15880	6330 13940	5510 12140	5150 11340	-	5150 11340	6330 13940
						165A8									
						172A2									
650/65-26.5	20.00DC	657 25.9	1485 58.5	690 27.2	4462 175.7	20	5 73	15410 33940	9380 20660	8240 18150	7170 15790	6700 14760	-	6700 14760	8240 18150
						174A8									
						181A2									

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application											
		SW	OD					Speed, km/h (mph)											
		mm in	mm in	Recommended load, kg (lbs)															
				Drive wheel					Forestry use										
mm in	mm in	mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25	50 31	10*HT 6*HT	10*LT 6*LT							
710/45-26.5	24.00DC	710 28	1340 52.8	620 24.4	4017 158.1	16													
						161A8	4	10640	6480	5690	4950	4625	-	4625	5690				
						168A2	58	23440	14270	12530	10900	10190	-	10190	12530				
						20													
						168A8	5	12880	7840	6890	5990	5600	-	5600	6890				
						175A2	73	28370	17270	15180	13190	12330	-	12330	15180				
		24																	
		173A8	6	14950	9100	8000	6960	6500	-	6500	8000								
		180A2	87	32930	20040	17620	15330	14320	-	14320	17620								
		750/55-26.5	24.00DC	750 29.5	1485 58.5	690 27.2	4462 175.7	16											
								172A8	4	14490	8820	7750	6740	6300	-	6300	7750		
								179A2	58	31920	19430	17070	14850	13880	-	13880	17070		
20																			
177A8	5							16790	10220	8980	7810	7300	-	7300	8980				
184A2	73							36980	22510	19780	17200	16080	-	16080	19780				
26																			
184A8	6.5			20700	12600	11070	9630	9000	-	9000	10980								
191A2	94			45590	27750	24380	21210	19820	-	19820	24190								
800/40-26.5	28.00DC			800 31.5	1340 52.8	620 24.4	4017 158.1	16											
								163A8	4	11210	6830	6000	5220	4875	-	4875	6000		
								170A2	58	24690	15040	13220	11500	10740	-	10740	13220		
		20																	
		170A8	5					13800	8400	7380	6420	6000	-	6000	7380				
		177A2	73					30400	18500	16260	14140	13220	-	13220	16260				

Forwarder & Harvester

FORESTAR 344 **LS-2** **A8**

SPEED



FORESTRY 344 Flotation LS-2 is a bias belted tire with steel reinforcement for high puncture resistance. The tire uses special tread compound and has very thick sidewalls and under tread. The reinforced bead of the tire provides exceptional performance. Its lower lug angle provides excellent grip and exhibits self cleaning characteristics due to its wide inter-lug space which is vital in logging applications. The close spacing of the lugs in the centre of the tire reduces rolling resistance on hard surfaces. The 344 is designed to handle various terrains without chains/bogie trucks.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application									
		Speed, km/h (mph)						Recommended load, kg (lbs)									
		Drive wheel						Forestry use									
		SW	OD					Static	10 6	20 12	30 19	40 25	50 31	10*HT 6*HT	10*LT 6*LT		
mm in	mm in	mm in	mm in	mm in	bar psi												
600/50-22.5	20.0DC	600 23.6	1170 46.1	540 21.3	3502 137.9	16	3.2	7940	4830	4240	3690	3450	-	3450	4240		
						151A8	46	17490	10640	9340	8130	7600	-	7600	9340		
						158A2											
710/40-22.5	24.0DC	700 27.6	1170 46.1	540 21.3	3502 137.9	16	3.6	8630	5250	4610	4010	3750	-	3750	4610		
						154A8	52	19010	11560	10150	8830	8260	-	8260	10150		
						161A2											
						20	4	9200	5600	4920	4280	4000	-	4000	4920		
710/40-24.5	AG24.00	28	1230 48.4	579 22.8	3725 146.7	20	5	11210	6830	6000	5220	4875	-	4875	6000		
						163A8	73	24690	15040	13220	11500	10740	-	10740	13220		
						170A2											
650/45-24.5	AG22.0	25.2	1234 48.6	579 22.8	3720 146.5	20	5	10640	6480	5690	4950	4625	-	4625	5690		
						161A8	73	23440	14270	12530	10900	10190	-	10190	12530		
						168A2											
54x37.00-25	VA32	920 36.2	1435 56.5	672 26.5	4365 171.9	12	2.4	9780	5950	5230	4550	4250	-	4250	5950		
						158A8	35	21540	13110	11520	10020	9360	-	9360	13110		
						166A2											
						20	4	12650	7700	6770	5890	5500	-	5500	7700		
						167A8	58	27860	16960	14910	12970	12110	-	12110	16960		
						174A2											

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in	Recommended load, kg (lbs)													
								Drive wheel				Forestry use					
		mm in	mm in	mm in	mm in			bar psi	Static	10 6	20 12	30 19	40 25	50 31	10*HT 6*HT	10*LT 6*LT	
600/55-26.5	20.00DC	620 24.4	1340 52.8	619 24.4	4016 158.1	20											
						165A8	5	11850	7210	6330	5510	5150	-	5150	6330		
						172A2	73	26100	15880	13940	12140	11340	-	11340	13940		
						24											
						170A8	6	13800	8400	7380	6420	6000	-	6000	7380		
650/65-26.5	20.00DC	650 25.6	1485 58.5	690 27.2	4462 175.7	16											
						169A8	4	13340	8120	7130	6210	5800	-	5800	7130		
						176A2	58	29380	17890	15700	13680	12780	-	12780	15700		
						20											
						174A8	5	15410	9380	8240	7170	6700	-	6700	8240		
700/55-26.5	24.00DC	710 28	1340 52.8	620 24.4	4016 158.1	20											
						168A8	5	12880	7840	6220	5990	5600	-	5600	6890		
						175A2	73	28370	17270	13700	13190	12330	-	12330	15180		
						16											
						161A8	4	10640	6480	5690	4950	4625	-	4625	5690		
710/45-26.5	24.00DC	710 28	1340 52.8	620 24.4	4016 158.1	168A2	58	23440	14270	12530	10900	10190	-	10190	12530		
						20											
						168A8	5	12880	7840	6890	5990	5600	-	5600	6890		
						175A2	73	28370	17270	15180	13190	12330	-	12330	15180		
						24											
710/60-26.5	AG20.00	705 27.8	1490 58.7	692 27.2	4476 176.2	173A8	6	14950	9100	8000	6960	6500	-	6500	8000		
						180A2	87	32930	20040	17620	15330	14320	-	14320	17620		
						20											
						177A8	5	16790	10220	8980	7810	7300	-	7300	8980		
						184A2	73	36980	22510	19780	17200	16080	-	16080	19780		
750/55-26.5	24.00DC	750 29.5	1485 58.5	690 27.2	4462 175.7	172A8	4	14490	8820	7750	6740	6300	-	6300	7750		
						179A2	58	31920	19430	17070	14850	13880	-	13880	17070		
						20											
						177A8	5	16790	10220	8980	7810	7300	-	7300	8980		
						184A2	73	36980	22510	19780	17200	16080	-	16080	19780		
800/40-26.5	28.00DC	800 31.5	1340 52.8	620 24.4	4016 158.1	20											
						170A8	4.5	13800	8400	7380	6420	6000	-	6000	7380		
						177A2	65	30400	18500	16260	14140	13220	-	13220	16260		
800/40R26.5	AG28.00	800 31.5	1324 52.8	610 24.4	4037 158.1	20											
						170A8	4.5	13800	9000	7380	6420	6000	-	6000	7380		
						177A2	65	30400	19820	16260	14140	13220	-	13220	16260		
870/45-26.5	AG28.00	870 34.3	1430 56.3	666.54 26.2	4385 172.6	20											
						170A8	4	13800	8400	7380	6420	6000	-	6000	7380		
						177A2	58	30400	18500	16260	14140	13220	-	13220	16260		

Forwarder & Harvester

FORESTAR 346

LS-2

A8

SPEED



FORESTAR 346 Forestry Flotation is a bias belted tire with steel reinforcement for high puncture resistance. The tire has a special tread compound and has very thick sidewalls and under tread. The reinforced bead of the tire provides exceptional performance. Its lower lug angle provides excellent grip and exhibits self cleaning characteristics due to its wide inter-lug space which is vital in logging applications. The close spacing of the lugs in the centre of the tire reduces rolling resistance on hard surfaces. The 346 is designed to handle various terrains without chains/bogie trucks.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Inf. press.	Constant load application							
								Speed, km/h (mph)							
		Recommended load, kg (lbs)		Drive wheel					Forestry use						
		SW mm in	OD mm in	Static	10 6	20 12	30 19	40 25	50 31	10*HT 6*HT	10*LT 6*LT				
600/65-34	DW20A	600 23.6	1640 64.6	762 30	4927 194	14									
						157A8	2.4	9490	5780	5070	4410	4125	-	4125	5070
						164A2	35	20900	12730	11170	9710	9090	-	9090	11170
						16									
						160A8	4.5	10350	6300	5540	4820	4500	-	4500	5450
						167A2	65	22800	13880	12200	10620	9910	-	9910	12000
700/55-34	DW24A	700 27.6	1650 65	766 30.2	4955 195.1	14									
						161A8	2.4	10640	6480	5690	4950	4625	-	4625	5690
						168A2	35	23440	14270	12530	10900	10190	-	10190	12530
						20									
						164A8	4.5	11500	7000	6150	5350	5000	-	5000	6150
						171A2	65	25330	15420	13550	11780	11010	-	11010	13550
700/70-34	DW20A	721 28.4	1850 72.8	863 34	5572 219.4	20									
						173A8	4.2	14950	9100	8000	6960	6500	-	6500	8000
						180A2	61	32930	20040	17620	15330	14320	-	14320	17620

FORESTRY FLOTATION AND TRAILER

Forestry
Flotation and Trailer



Pattern Sizes by Segment

Size	L/PR	328	331	380
400/60-15.5	145A8 /153A2	●●●		
	148A8 /155A2	●●●		
	14PR	●●●		
	152A8/159A2	●●●		
	16PR	●●●		
	20PR	●●●		
500/60-15.5	12PR	●●●		
	150A8 /157A2	●●●		
500/55-17	12PR	●●●		
	148A8 /155A2	●●●		
500/45-22.5	148A8 /155A2	●●●		
	16PR	●●●		
500/60-22.5	151A8/158A2		●●	
	158A8/165A2		●●	
	16PR		●●	
	20PR		●●	
550/45-22.5	12PR	●●●		
	12PR		●●	
	140A8 /147A2	●●●		
600/40-22.5	140A8/147A2		●●	
	148A8/155A2		●●	
700/45-22.5	16PR		●●	
	158A8/165A2		●●	
500/60-26.5	20PR/		●●	
	163A8 /170A2		●●	
	16PR		●●	
	170A8 /177A2		●●	
750/45-26.5	22PR		●●	
	170A8 /177A2			●
800/45-26.5	20PR			●
	170A8 /177A2		●●	
600/60-30.5	20PR		●●	
	12PR		●●	
	152A8 /159A2		●●	
	163A8/ 170A2		●●	
	168A8 /175A2		●●	
	16PR		●●	
	20PR		●●	
700/50-30.5	20PR		●●	
	169A8 /176A2		●●	
800/45-30.5	20PR		●●	
	174A8/181A2		●●	

● Forestry Forwarder ● Forestry Harvester ● Forestry Trailer

328

FLOTATION

I-3

A8

SPEED



FOREST HARVESTER



FORESTRY FORWARDER



FOREST TRAILER



Alliance 328 Heavy Duty Flotation tire is a specially designed tire constructed to carry heavy loads and is used in harsh conditions. It provides improved stability over dual-tire configuration. The tire also provides much better ride comfort, higher machine mobility, better self cleaning and better overall performances on road. Special reinforced bead, steel belt and heavy duty construction are some the unique features of this tire's construction. Apart from its standard applications in trailers, forestry trailers and forest harvesters, the special HD tire is also developed for agricultural baler applications.

Forestry Flotation and Trailer



SPECIAL COMPOUND



STEEL BELTED

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in	mm in	mm in	bar psi	Recommended load, kg (lbs)					Forestry use					
		Drive wheel					Forestry use										
							Static	10 6	20 12	30 19	40 25	50 31	10*HT 6*HT	10*LT 6*LT			
							14										
							145A8	3.5	6670	4060	3220	3100	2900	-	2900	3570	
							153A2	51	14690	8940	7090	6830	6390	-	6390	7860	
							16										
400/60-15.5	13.00DC	404	864	380	2509	148A8	4	7250	4410	3500	3370	3150	-	3150	3870		
		15.9	34				15	98.8	58	15970	9710	7710	7420	6940	-	6940	8520
									155A2								
							20										
							152A8	5	8170	4970	3940	3800	3550	-	3550	4370	
							159A2	73	18000	10950	8680	8370	7820	-	7820	9630	
500/60-15.5	16.00DC	503	994	439	2894	150A8	3.3	7710	4690	3720	3580	3350	-	3350	4120		
		19.8	39.1				17.3	113.9	48	16980	10330	8190	7890	7380	-	7380	9070
									157A2								
500/55-17	16.00DC	503	994	443	2911	148A8	3.3	7250	4410	3500	3370	3150	-	3150	3870		
		19.8	39.1				17.4	114.6	48	15970	9710	7710	7420	6940	-	6940	8520
									155A2								
500/45-22.5	16.00DC	500	1050	489	3160	148A8	3.6	7250	4410	3500	3370	3150	-	3150	3870		
		19.7	41.3				19.3	124.4	52	15970	9710	7710	7420	6940	-	6940	8520
									155A2								
550/45-22.5	16.00DC	550	1080	497	3226	140A8	2.4	5750	3500	2780	2680	2500	-	2500	3080		
		21.7	42.5				19.6	127	35	12670	7710	6120	5900	5510	-	5510	6780
									147A2								

331

I-3



FLOTATION

SPEED



Alliance 331 Flotation diagonal forestry tire is developed mainly for use on modern forestry harvesters and forwarders besides its standard applications like wheeled excavators, loaders and dumpers working in challenging terrains. The tire can also be used for applications in agriculture especially on heavy and abrasive surfaces. It is designed with high traction and low slip abilities for better fuel economy. The tire's huge volume contributes to low soil compaction and better ride comfort in forestry and agricultural applications. The main construction characteristics of this tire are strong nylon casing and steel belts, high under tread gauge, strong and thick sidewalls, special tread compound and protective mud guard. All of this promises long tire life under heavy working conditions in forests as well as smooth working in fields.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application									
		Speed, km/h (mph)						Recommended load, kg (lbs)									
		Drive wheel						Forestry use									
		SW	OD					Static	10 6	20 12	30 19	40 25	50 31	10*HT 6*HT	10*LT 6*LT		
mm in	mm in	mm in	mm in	mm in	bar psi												
500/60-22.5	16.00DC	500 19.7	1170 46.1	540 21.3	3500 137.8	16											
						151A8	3.2	8050	4900	3890	3750	3500	-	3500	4310		
						158A2	46	17730	10790	8570	8260	7710	-	7710	9490		
						20											
						158A8	4	9780	5950	4720	4550	4250	-	4250	5230		
						165A2	58	21540	13110	10400	10020	9360	-	9360	11520		
550/45-22.5	16.00DC	550 21.7	1080 42.5	497 19.6	3230 127.2	12											
						140A8	2.4	5750	3500	2780	2680	2500	-	2500	3080		
						147A2	35	12670	7710	6120	5900	5510	-	5510	6780		
600/40-22.5	20.00DC	600 23.6	1110 43.7	515 20.3	3330 131.1	16											
						148A8	3.2	7250	4410	3500	3370	3150	-	3150	3870		
						155A2	46	15970	9710	7710	7420	6940	-	6940	8520		
700/45-22.5	24.00DC	700 27.6	1175 46.3	540 21.3	3509 138.1	20											
						158A8	4	9780	5950	4720	4550	4250	-	4250	5230		
						165A2	58	21540	13110	10400	10020	9360	-	9360	11520		
500/60-26.5	16.00DC	500 19.7	1270 50	590 23.2	3820 150.4	16											
						163A8	4	11210	6830	5410	5220	4875	-	4875	6000		
						170A2	58	24690	15040	11920	11500	10740	-	10740	13220		
						22											
170A8	5.7	13800	8400	6660	6420	6000	-	6000	7380								
177A2	83	30400	18500	14670	14140	13220	-	13220	16260								

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application										
		Speed, km/h (mph)						Recommended load, kg (lbs)										
		SW	OD	Drive wheel					Forestry use									
		mm in	mm in	mm in	mm in			mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25	50 31	10*HT 6*HT	10*LT 6*LT
800/45-26.5	28.00DC	800	1370	632	4099	20	3.5	13800	8400	6660	6420	6000	-	6000	7380			
		31.5	53.9	24.9	161.4	170A8	51	30400	18500	14670	14140	13220	-	13220	16260			
						177A2												
600/60-30.5	20.00DC	600	1500	696	4504	12	3	8170	4970	3940	3800	3550	-	3550	4370			
						152A8	44	18000	10950	8680	8370	7820	-	7820	9630			
						159A2												
						16	3.2	11210	6830	5410	5220	4875	-	4875	6000			
						163A8	46	24690	15040	11920	11500	10740	-	10740	13220			
700/50-30.5	24.00DC	700	1510	699	4527	20	4	12880	7840	6220	5990	5600	-	5600	6890			
						168A8	58	28370	17270	13700	13190	12330	-	12330	15180			
						175A2												
800/45-30.5	28.00DC	800	1520	704	4559	20	3.5	15410	9380	7440	7170	6700	-	6700	8240			
						174A8	51	33940	20660	16390	15790	14760	-	14760	18150			
						181A2												

Forestry
Floation and Trailer

380

FLOTATION

1-3

A8

SPEED



FOREST TRAILER



Alliance 380 Flotation diagonal forestry tire is developed mainly for use on modern forestry trailers and forwarders besides its standard application like wheeled excavators, loaders and dumpers working in challenging terrains. The tire can also be used for applications in agriculture especially on heavy and abrasive surfaces. It is designed with high traction and low slip abilities for better fuel economy. The tire's huge volume contributes to low soil compaction and better ride comfort in forestry and agricultural applications. The main construction characteristics of this tire are strong nylon casing and steel belts, high under tread gauge, strong and thick sidewalls, special tread compound and protective mud guard. All of this promises longer tire life under heavy working conditions in forests as well as smooth working in field.



SC
SPECIAL COMPOUND

SB
STEEL BELTED

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Inf. press.	Constant load application							
								Speed, km/h (mph)							
		SW mm in	OD mm in	Recommended load, kg (lbs)						Drive wheel		Forestry use			
				Static	10 6	20 12	30 19	40 25	50 31	10*HT 6*HT	10*LT 6*LT				
750/45-26.5	24.00DC	750	1360	628	4070	20	5	13800	8400	7380	6420	6000	-	6000	7380
		29.5	53.5	24.7	160.2	170A8	73	30400	18500	16260	14140	13220	-	13220	16260
						177A2									

AGRO FORESTRY

Agro
Forestry

Pattern Sizes by Segment

Size	L/PR	365	580	333	347	360	370	385	356
400/70-20	156A8 /163A2		●●						
11.2-24	10PR								●
11.2-24	119A8/125A2								●
12.4-24	12PR								●
12.4-24	128A8/136A2								●
13.6-24	10PR								●
13.6-24	12PR								●
13.6-24	128A8/136A2								●
13.6-24	132A8/139A2								●
14.9-24	14PR								●
14.9-24	18PR								●
14.9-24	138A8/144A2								●
14.9-24	143A8/150A2								●
320/85-24	14PR			●●●					
380/70-24	130A8/138A2						●●		
380/70-24	14PR						●●		
380/85-24	14PR			●●●					
420/70-24	138A8/145A2						●●		
420/70-24	14PR						●●		
480/65-24	140A8/147A2					●●			
18.4-26	10PR								●
18.4-26	14PR								●
18.4-26	141A8/148A2								●
18.4-26	148A8/155A2								●
13.6-28	10PR								●
13.6-28	14PR								●
13.6-28	130A8/138A2								●
13.6-28	137A8/144A2								●
14.9-28	14PR								●
14.9-28	140A8/147A2								●
16.9-28	14PR								●
16.9-28	145A8/152A2								●
380/70-28	138A8/145A2						●●		
380/70-28	14PR						●●		
380/85-28	14PR			●●●					
420/70-28	140A8/147A2						●●		
420/70-28	14PR						●●		
420/85-28	14PR			●●●					
480/65-28	142A8/149A2					●●			
480/70-28	145A8/152A2						●●		
480/70-28	14PR						●●		
540/65-28	155A8 /162A2					●●			
540/65-28	16PR					●●			
600/65-28	154A8/161A2					●●			
600/65R28	154A8					●●			
14.9-30	14PR								●
14.9-30	144A8/151A2								●

● MFWA ● Forestry Forwarder ● Forestry Harvester

Pattern Sizes by Segment

Size	L/PR	365	580	333	347	360	370	385	356
16.9-30	14PR								●
16.9-30	144A8/151A2								●
18.4-30	14PR								●
18.4-30	151A8/158A2								●
420/85-30	14PR			● ● ●					
460/85-30	14PR			● ● ●					
540/65-30	150A8/157A2					● ●			
540/70-30	152A8/159A2					● ●			
16.9-34	14PR								●
16.9-34	18PR								●
16.9-34	146A8/153A2								●
16.9-34	152A8/159A2								●
18.4-34	14PR							●	
18.4-34	154A8/161A2							●	
23.1-34	12PR				● ●				
23.1-34	157A8 /165A2				● ●				
420/85-34	14PR			● ● ●					
460/85-34	14PR			● ● ●					
480/70-34	146A8/153A2						● ●		
480/70-34	14PR						● ●		
520/70-34	14PR						● ●		
520/70-34	154A8/161A2						● ●		
16.9-38	14PR								●
16.9-38	149A8/156A2								●
18.4-38	14PR								●
18.4-38	155A8/162A2								●
20.8-38	159A8 /166A2							●	●
20.8-38	14PR							●	●
420/85-38	14PR			● ● ●					
460/85-38	14PR			● ● ●					
480/70-38	150A8/157A2						● ●		
480/70-38	14PR						● ●		
520/70-38	14PR						● ●		
520/85-38	14PR			● ● ●					
520/70-38	155A8/162A2						● ●		
540/65-38	153A8/160A2					● ●			
580/70-38	160A8/168A2						● ●		
580/70-38	14PR						● ●		
600/65-38	159A8/166A2					● ●			
650/65-38	164A8 /171A2					● ●			
650/65-38	16PR					● ●			
650/75-38	168A8/175A2					● ●			
710/70R38	168A8/175A2					● ●			
520/85-42	14PR			● ● ●					
650/65R42	165A8/172A2					● ●			
710/70R42	173D/176A8	● ●							
710/70R42	177D/180A8	● ●							

● MFWA ● Forestry Forwarder ● Forestry Harvester

Agro Forestry

333 R-1W **A8**
SPEED



Alliance Agro Forestry 333 Flotation tire represents the most sophisticated design for application in forestry machines such as harvesters and forwarders. This tire is characterized by wide and robust lugs with low angles providing excellent grip on wide range of forestry terrains in addition to the known bogie truck standard design defined by leading track producers. Some of its features are strong steel breakers, basic nylon tire structure, special durable tread compound, high under tread gauge and strong & thick sidewalls.



Agro Forestry

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Tread Depth	Infl. press	Static	Recommended load , kg (lbs)				
		SW mm in	OD mm in								Speed, km/h (mph)				
											Mixed Application				
											10 6	25 16	30 19	40 25	50 31
320/85-24	W11	320	1160	529	3445	14	127A8/124B	-	2.4	4030	2630	1940	1870	1750	1610
	W10	12.6	45.7	20.8	135.6		-	35	8880	5790	4270	4120	3850	3550	
380/85-24	W12	380	1260	570	3723	14	137A8	-	2.4	5290	3450	2550	2460	2300	2090
		15	49.6	22.4	146.6		-	35	11650	7600	5620	5420	5070	4600	
380/85-28	W12	380	1368	623	4060	14	139A8/136B	-	2.4	5590	3650	2700	2600	2430	2210
		15	53.9	24.5	159.8		-	35	12310	8040	5950	5730	5350	4870	
420/85-30	W15L	440	1475	672	4376	14	145A8	-	2.4	6670	4350	3220	3100	2900	2660
	W14L	17.3	58.1	26.5	172.3			-	35	14690	9590	7090	6830	6390	5860
	W13L	460	1550	702	4584			14	150A8	-	2.4	7710	5030	3720	3580
W14L	18.1	61	27.6	180.5	-	35	16980			11080	8190	7890	7380	6780	
420/85-34	W15L	430	1580	724	4705	14	147A8	-	2.4	7070	4610	3410	3290	3075	2820
	W14L	16.9	62.2	28.5	185.2			-	35	15570	10150	7510	7250	6770	6210
	W13L	460	1646	751	4888			14	152A8	-	2.4	8170	5330	3940	3800
W16L	18.1	64.8	29.6	192.4	149B	-	35		18000	11740	8680	8370	7820	7180	
420/85-28	W15L	430	1425	670	4313	14	144A8	-	2.4	6440	4200	3110	3000	2800	2570
	W14L	16.9	56.1	26.4	169.8		141B	-	35	14190	9250	6850	6610	6170	5660
420/85-38	W15L	430	1680	774	5021	14	149A8	-	2.4	7480	4880	3610	3480	3250	2980
	W14L	16.9	66.1	30.5	197.7			-	35	16480	10750	7950	7670	7160	6560
	W13L	460	1747	801	5206			14	154A8	-	2.4	8630	5630	4160	4010
W16L	18.1	68.8	31.5	205	151B	-	35		19010	12400	9160	8830	8260	7520	
520/85-38	DW16L	520	1860	847	5520	14	160A8	-	2.4	10350	6750	5000	4820	4500	4130
	DW18L	20.5	73.2	33.3	217.3		157B	-	35	22810	14880	11020	10620	9910	9100
520/85-42	DW16L	520	1950	905	5785	14	162A8	-	2.4	10925	7125	5270	5080	4750	4375
		20.5	76.8	35.6	227.7		159B	-	35	24085	15705	11620	11200	10470	9645

347

R-1

A8

SPEED



MFWA



4WD
TRACTOR



Alliance 347 Agro Forestry is a steel reinforced agricultural tire designed for dealing with all kinds of light forestry operations. Low lug angles provide higher traction necessary for efficient forestry operations. The technical characteristics include steel breakers, high under tread and sidewall gauges, reinforced bead which enables smooth and reliable forestry and agro-industrial operations. Being an R-1 lug design this tire is not suitable for Logger-Skidder application.



SPECIAL
COMPOUND



STEEL
BELTED

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application									
		SW	OD					Speed, km/h (mph)									
								Recommended load, kg (lbs)									
								Drive wheel						Forestry use			
mm in	mm in	mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25	50 31	10*HT 6*HT	10*LT 6*LT					
23.1-34	DW20A	587	1808	800	5269	12	1.7	9490	6190	4580	4410	4125	3750	4125	5070		
		23.1	71.2	31.5	207.4	157A8	25	20900	13630	10090	9710	9090	8260	9090	11180		
															165A2		

360 R-1W **A8**
SPEED



MFWA

4WD TRACTOR



Alliance 360 Agro Forestry is a steel reinforced agricultural tire designed for dealing with all kinds of light forestry operations. Low lug angles provide higher traction necessary for efficient forestry operations. The technical characteristics include steel breakers, high under tread and sidewall gauges, reinforced bead which enables smooth and reliable forestry and agro-industrial operations.



SPECIAL COMPOUND



STEEL BELTED



AGRO FORESTRY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application							
		SW	OD					Speed, km/h (mph)							
								Recommended load, kg (lbs)							
								Drive wheel				Forestry use			
mm in	mm in	mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25	50 31	10*HT 6*HT	10*LT 6*LT			
480/65-24	W15	470	1250	582	3740	140A8	2.4	5750	3750	2780	2680	2500	2280	2500	3080
	W14L	18.5	49.2	22.9	147.2	147A2	35	12670	8260	6120	5900	5510	5020	5510	6780
480/65-28	W15	460	1350	634	4088	142A8	2.4	6100	3980	2940	2840	2650	2410	2650	3260
	W14L	18.1	53.1	25	160.9	149A2	35	13440	8770	6480	6260	5840	5310	5840	7180
540/65-28	W16	520	1448	668	4331	16	3.3	8860	5780	4270	4120	3850	3500	3850	4740
	W15	20.5	57	26.3	170.5	155A8 162A2	48	19520	12730	9410	9070	8480	7710	8480	10430
600/65-28	W18L	570	1500	684	4471	154A8	2.4	8630	5630	4160	4010	3750	3410	3750	4610
	W16L	22.4	59.1	26.9	176	161A2	35	19010	12400	9160	8830	8260	7510	8260	10160
600/65R28	DW20	600	1480	684	4481	154A8	2.4	8630	5630	4160	4010	3750	3410	3750	4610
	W18L	23.6	58.3	26.9	176.4	154A8	35	19010	12400	9160	8830	8260	7510	8260	10160
540/65-30	W16L	525	1490	692	4483	150A8	2.4	7710	5030	3720	3580	3350	3050	3350	4120
	W18L	20.7	58.7	27.2	176.5	157A2	35	16980	11080	8190	7890	7380	6720	7380	9080
540/70-30	W16L	520	1502	693	4510	152A8	2.4	8170	5330	3940	3800	3550	3230	3550	4370
	W18L	20.5	59.1	27.3	177.6	159A2	35	18000	11740	8680	8370	7820	7110	7820	9620
540/65-38	W16L	518	1699	793	5125	153A8	2.4	8400	5480	4050	3910	3650	3320	3650	4490
	W18L	20.4	66.9	31.2	201.8	160A2	35	18500	12070	8920	8610	8040	7310	8040	9890
600/65-38	W18L	557	1760	819	5318	159A8	2.4	10060	6560	4860	4680	4375	3980	4375	5380
	W16L	21.9	69.3	32.2	209.4	166A2	35	22160	14450	10700	10310	9640	8770	9640	11860
650/65-38	DW20A	635	1880	871	5638	16	2.4	11500	7500	5550	5350	5000	4550	5000	6150
		25	74	34.3	222	164A8 171A2	35	25330	16520	12220	11780	11010	10020	11010	13540
650/75-38	DW20B	680	1965	902	5850	168A8	2.4	12880	8400	6220	5990	5600	5100	5600	6890
	DW21B	26.8	77.4	35.5	230.3	175A2	35	28370	18500	13700	13190	12330	11230	12330	15170
710/70R38	DW23	716	1940	898	5815	168A8	2.4	12880	8400	6220	5990	5600	5100	5600	6890
		28.2	76.4	35.4	228.9	175A2	35	28370	18500	13700	13190	12330	11230	12330	15170
650/65R42	DW20	655	1950	900	6250	165A8	2.4	11850	7730	5720	5510	5150	4690	5150	6330
	DW18	25.8	76.8	35.4	246.1	172A2	35	26100	17030	12600	12140	11340	10330	11340	13950

365 R-1W 
SPEED



MFVA



4WD
TRACTOR



Alliance 365 Agro Forestry is a modern diagonal forestry tire for utility and high power tractors on heavy duty jobs in forestry and heavier agricultural operations. This tire can also be used for combine harvesters and implements in agriculture. The tire is designed for high traction and low slip abilities and gives better fuel economy. The main construction characteristics of this tire are strong nylon casing and steel belts, high under tread gauge, strong and thick sidewalls, special tread compound and protective mud guard. All the above characteristics enable smooth and reliable forestry and agro-industrial operations. In addition, high non-skid depth promises high traction forces on cohesive and wet soil.



SPECIAL
COMPOUND



STEEL
BELTED

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								1) Not high and sustained torque; 2) Road transport									
								Non cyclic operation					Cyclic operation				
mm in	mm in	25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9								
710/70R42	DW23B	740 29.1	2055 80.9	936 36.9	6178 243.2	173D	2.4	7480	7700	7120	6830	6500	5920	3	11050	10080	
						176A8	35	16480	16960	15680	15040	14320	13040	44	24340	22200	
						177D	3.2	8400	8650	8000	7670	7300	6640	4	12410	11320	
						180A8	46	18500	19050	17620	16890	16080	14630	58	27330	24930	

370 **R-1W** **A8**
SPEED



Alliance 370 Agro Forestry is a steel reinforced agricultural tire designed for dealing with all kinds of light forestry operations. Low lug angles provide higher traction necessary for efficient forestry operations. The technical characteristics include steel breakers, high under tread and sidewall gauges, reinforced bead which enables smooth and reliable forestry and agro-industrial operations.



AGRO FORESTRY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application									
								Speed, km/h (mph)									
		Recommended load, kg (lbs)		Drive wheel					Forestry use								
		SW	OD	Static	10	20	30	40	50	10*HT	10*LT						
mm in	mm in	mm in	mm in	mm in	mm in	bar psi	6	12	19	25	31	6*HT	6*LT				
380/70-24 -> NEW <-	W12	380	1206	558	3614	14	2.7	130A8									
	W11							4370	2850	2110	2030	1900	1730	1900	2340		
	W13							39	9630	6280	4650	4470	4190	3810	4190	5150	
420/70-24	W13	418	1265	582	3774	14	3	138A8									
	W12							5430	3540	2620	2530	2360	2150	2360	2900		
	W14L							44	11960	7800	5770	5570	5200	4740	5200	6400	
380/70-28	W12	380	1308	609	3935	14	3	138A8									
	W11							5430	3540	2620	2530	2360	2150	2360	2900		
	W13							44	11960	7800	5770	5570	5200	4740	5200	6400	
420/70-28	W13	418	1364	633	4095	14	2.5	140A8									
	W12							5430	3750	2780	2680	2500	2280	2500	3080		
	W14L							36	11960	8260	6120	5900	5510	5020	5510	6780	
480/70-28	W15L	479	1448	668	4334	14	2.7	145A8									
	W14L							6670	4350	3220	3100	2900	2640	2900	3570		
	W16L							39	14690	9580	7090	6830	6390	5810	6390	7860	
480/70-34	W15L	479	1600	744	4812	14	2.5	146A8									
	W14L							6900	4500	3330	3210	3000	2730	3000	3690		
	W16L							36	15200	9910	7330	7070	6610	6010	6610	8130	
520/70-34	W16L	516	1659	769	4980	14	2.5	154A8									
	W18L							8630	5630	4160	4010	3750	3410	3750	4610		
	161A2							36	19010	12400	9160	8830	8260	7510	8260	10160	

Agro Forestry



BETTER VALUE.
SMARTER CHOICE.

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application							
		Speed, km/h (mph)						Recommended load, kg (lbs)							
		SW	OD	Drive wheel					Forestry use						
		mm in	mm in	mm in	mm in			mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25
480/70-38	W15L	479	1715	801	5170	14	2.7	7710	5030	3720	3580	3350	3050	3350	4120
	W14L	18.9	67.5	31.5	203.5	150A8	39	16980	11080	8190	7890	7380	6720	7380	9080
	W16L					157A2									
520/70-38	W16L	520	1758	819	5292	14	2.5	8910	5810	4300	4150	3875	3530	3875	4770
	W16A	20.5	69.2	32.2	208.3	155A8	36	19630	12800	9470	9140	8540	7780	8540	10500
	W18L					162A2									
580/70-38	W18A	570	1841	854	5528	14	2.5	10350	6750	5000	4820	4500	4100	4500	5540
		22.4	72.5	33.6	217.6	160A8	36	22800	14870	11010	10620	9910	9030	9910	12190
						168A2									

385 **R-1W** **A8**
SPEED



Alliance 385 Agro Forestry is a steel reinforced agricultural tire designed for dealing with all kinds of light forestry operations. Low lug angles provide higher traction necessary for efficient forestry operations. The technical characteristics include steel breakers, high under tread and sidewall gauges, reinforced bead which enables smooth and reliable forestry and agro-industrial operations.



Agro Forestry

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application								
		SW	OD					Speed, km/h (mph)								
		mm	mm	Recommended load, kg (lbs)												
		in	in	Drive wheel				Forestry use								
		mm	mm	mm	mm		bar	Static	10	20	30	40	50	10*HT	10*LT	
		in	in	in	in		psi		6	12	19	25	31	6*HT	6*LT	
18.4-34	W16L															
	DW16	486	1671	750	5007	14	2.5	8630	5630	4160	4010	3750	3410	3750	4610	
	W15L	19.1	65.8	29.5	197.1	154A8 161A2	36	19010	12400	9160	8830	8260	7510	8260	10160	
	DW15L															
20.8-38 (Des. 385)	W18L															
	18DD	550	1860	863	5583	14	2.3	10060	6560	4860	4680	4375	3980	4375	5380	
	W18A	21.7	73.2	34	219.8	159A8 166A2	33	22160	14450	10700	10310	9640	8770	9640	11860	
	W16L															

580

R-4

A8
SPEED



MFVA



4WD
TRACTOR



Alliance 580 is a Agro-Forestry radial tire. The tread pattern enables strong grip and high traction performances on soft surfaces, as well as comfortable work on hard surfaces. The steel belted construction contributes to high stability of the machine, especially when working on sloppy terrains, and complete puncture protection. Long tread life and low tread wear are due to special tread design and durable tread rubber compound is another feature of this tire.



SPECIAL
COMPOUND



STEEL
BELTED

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Inf. press.	Constant load application							
		SW	OD					Speed, km/h (mph)							
				Recommended load, kg (lbs)								Forestry use			
		mm in	mm in	mm in	mm in	Drive wheel				Forestry use					
					bar psi	Static	10 6	25 15	30 19	40 25	50 31	10*HT 6*HT	10*LT 6*LT		
400/70-20	13	400	1105	510	3307	156A8	4.7	9200	6000	4440	4280	4000	3640	4000	4920
	11	15.7	43.5	20.1	130.2	163A2	68	20260	13220	9780	9430	8810	8020	8810	10840

356 **R-1** **A8**
SPEED



MFVA

4WD TRACTOR



The 356 Forest is a modern diagonal forestry tire for high power tractors on heavy duty jobs in forestry and heavier operation in agriculture. The tire is designed for high traction abilities, low slip and low fuel consumption. The main construction characteristics of the tire are: strong nylon casing and steel belts, high undertread gauge, strong and thick sidewalls, special tread compound and protective mud guard. All these characteristics promise long tire life under heavy working conditions in the forests, as well as, smooth and long lasting work in agriculture. In addition, high non-skid depth promises high traction forces on cohesive and wet soil.



SPECIAL COMPOUND



STEEL BELTED

Agro Forestry

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Inf. ess.	Constant load application							
		Speed, km/h (mph)						Recommended load, kg (lbs)							
		Drive wheel						Forestry use							
		SW	OD					Static	10 6	25 15	30 19	40 25	50 31	10*HT 6*HT	10*LT 6*LT
mm in	mm in	mm in	mm in	bar psi											
11.2-24	DW10	290 11.4	1112 43.8	518 20.4	3346 131.7	10	3	3130 6890	2040 4490	1510 3330	1460 3220	1360 3000	1240 2730	1360 3000	1670 3690
	W10					119A8									
	W10H					125A2									
12.4-24	DW11	315 12.4	1145 45.1	524 20.6	3407 134.1	12	3.5	4140 9120	2700 5950	2000 4410	1930 4250	1800 3960	1640 3610	1800 3960	2210 4870
	W11					128A8									
	W10H					136A2									
	DW10														
13.6-24	DW12	345 13.6	1190 46.9	542 21.3	3531 139	10	2.5	4140 9120	2700 5950	2000 4410	1930 4250	1800 3960	1640 3610	1800 3960	2210 4870
	W12					128A8									
	W11					136A2									
						12									
						132A8									
14.9-24	DW13	378 14.9	1245 49	562 22.1	3793 149.3	14	3	5430 11960	3540 7800	2620 5770	2530 5570	2360 5200	2150 4740	2360 5200	2900 6400
	W13					138A8									
						144A2									
						18									
						143A8									
						150A2									

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. ess.	Constant load application											
		SW	OD					Speed, km/h (mph)											
		mm in	mm in	mm in	mm in	Recommended load, kg (lbs)					Forestry use								
						Drive wheel					Forestry use								
bar psi	Static	10 6	25 15	30 19	40 25	50 31	10*HT 6*HT	10*LT 6*LT											
18.4-26	W16L W15L	467 18.4	1440 56.7	656 25.8	4273 168.2	10													
						141A8	2.1	5920	3860	2860	2760	2575	2340	2575	3170				
						148A2	30	13040	8500	6300	6080	5670	5150	5670	6970				
	13.6-28	DW12 W12 W12D	345 13.6	1295 51	595 23.4	3863 152.1	14												
							148A8	3	7250	4730	3500	3370	3150	2870	3150	3870			
							155A2	44	15970	10420	7710	7420	6940	6320	6940	8540			
14.9-28		DW13 W13 W12D W12	378 14.9	1350 53.1	618 24.3	4019 158.2	10												
							130A8	2.5	4370	2850	2110	2030	1900	1730	1900	2340			
							138A2	36	9630	6280	4650	4470	4190	3810	4190	5150			
	16.9-28	DW15L W15 W14L DW14	429 16.9	1420 55.9	645 25.4	4207 165.6	14												
							148A8	3.5	5290	3450	2550	2460	2300	2090	2300	2830			
							144A2	51	11650	7600	5620	5420	5070	4600	5070	6240			
14.9-30		DW15L W15 W14L DW14	378 14.9	1400 55.1	644 25.4	4180 164.6	14												
							140A8	3	5750	3750	2780	2680	2500	2280	2500	3080			
							147A2	44	12670	8260	6120	5900	5510	5020	5510	6780			
	16.9-30	DW15L W15 W14L DW14	429 16.9	1475 58.1	684 26.9	4426 174.3	14												
							144A8	3	6440	4200	3110	3000	2800	2550	2800	3440			
							151A2	44	14190	9250	6850	6610	6170	5620	6170	7590			
18.4-30		DW16L W16L W15L DW15L	467 18.4	1545 60.8	712 28	4618 181.8	14												
							146A8	2.6	7940	5180	3830	3690	3450	3140	3450	4240			
							151A8	38	17490	11410	8440	8130	7600	6920	7600	9350			
	16.9-34	DW15 W15L W14L	429 16.9	1575 62	722 28.4	4693 184.8	14												
							146A8	2.5	6900	4500	3330	3210	3000	2730	3000	3690			
							153A2	36	15200	9910	7330	7070	6610	6010	6610	8130			
16.9-38		DW15 W15L W14L	429 16.9	1675 65.9	772 30.4	5007 197.1	14												
							149A8	3.2	8170	5330	3940	3800	3550	3230	3550	4370			
							152A8	46	18000	11740	8680	8370	7820	7110	7820	9620			
	18.4-38	DW15L W16A DW15L	467 18.4	1750 68.9	803 31.6	5217 205.4	14												
							155A8	2.5	8910	5810	4300	4150	3875	3530	3875	4770			
							162A2	36	19630	12800	9470	9140	8540	7780	8540	10500			
20.8-38 (Des. 385)		W18L 18DD W18A W16L	550 21.7	1860 73.2	863 34	5583 219.8	14												
							159A8	2.3	10060	6560	4860	4680	4375	3980	4375	5380			
							166A2	33	22160	14450	10700	10310	9640	8770	9640	11860			


INDUSTRIAL



Skidsteer

Tire Patterns by Segments

550 MULTIUSE



TRACTION

DRIVING COMFORT

DUTY CYCLE


TIRE LIFE

R-4 **A5**

WRC **SB** **SC**
WEAR RESISTANT COMPOUND STEEL BELTED SPECIAL COMPOUND

Pg.No.203

SK-906



TRACTION

DRIVING COMFORT

DUTY CYCLE


TIRE LIFE

R-4

C+C **ARC**
OUTCHIP RESISTANT COMPOUND ABRASION RESISTANT COMPOUND

Pg.No.203

SK-903



TRACTION

DRIVING COMFORT

DUTY CYCLE

TIRE LIFE


R-4

C+C **ARC**
OUTCHIP RESISTANT COMPOUND ABRASION RESISTANT COMPOUND

Pg.No.203

Backhoe Loader

550 MULTIUSE



TRACTION

ROADABILITY

DRIVING COMFORT


LOAD CARRYING CAPACITY

R-4 **B**

SB
STEEL BELTED

Pg.No.209

580



TRACTION

ROADABILITY

TIRE LIFE

DRIVING COMFORT

LOAD CARRYING CAPACITY


GROUND STABILITY

R-4

WRC **SC**
WEAR RESISTANT COMPOUND SPECIAL COMPOUND

Pg.No.210

570



TRACTION

ROADABILITY

TIRE LIFE

DRIVING COMFORT

LOAD CARRYING CAPACITY


GROUND STABILITY

R-4

C+C **HRC**
OUTCHIP RESISTANT COMPOUND HEAT RESISTANT COMPOUND

Pg.No.211

533



TRACTION

ROADABILITY

TIRE LIFE

DRIVING COMFORT

LOAD CARRYING CAPACITY


GROUND STABILITY

R-4 **A8**

SC
SPECIAL COMPOUND

Pg.No.213

302



TRACTION

TIRE LIFE

LOAD CARRYING CAPACITY


DUTY CYCLE

E-2/G-2/L-2 **A8**

WRC **SC** **C+C**
WEAR RESISTANT COMPOUND SPECIAL COMPOUND OUTCHIP RESISTANT COMPOUND

Pg.No.215

321



TRACTION

ROADABILITY

TIRE LIFE

DRIVING COMFORT

LOAD CARRYING CAPACITY


GROUND STABILITY

R-4 **B**

C+C **SC**
OUTCHIP RESISTANT COMPOUND SPECIAL COMPOUND

Pg.No.216

TOUGH-TRAC 325



TRACTION

ROADABILITY

TIRE LIFE

DRIVING COMFORT

LOAD CARRYING CAPACITY


GROUND STABILITY

R-4 **A8**

SC
SPECIAL COMPOUND

Pg.No.218

500



TRACTION

ROADABILITY

TIRE LIFE

DRIVING COMFORT

LOAD CARRYING CAPACITY

DUTY CYCLE


GROUND STABILITY

R-4 **A8**

SC
SPECIAL COMPOUND

Pg.No.219

211



ROADABILITY

TIRE LIFE

DRIVING COMFORT


LOAD CARRYING CAPACITY

F-3

WRC
WEAR RESISTANT COMPOUND

Pg.No.220

239



ROADABILITY

TIRE LIFE

DRIVING COMFORT

LOAD CARRYING CAPACITY


F-3 **G**

HRC **SC**
HEAT RESISTANT COMPOUND SPECIAL COMPOUND

Pg.No.221

Telehandler

580



TRACTION

ROADABILITY

TIRE LIFE

DRIVING COMFORT

LOAD CARRYING CAPACITY


GROUND STABILITY

R-4 **G**

WRC **SC** **SB**
WEAR RESISTANT COMPOUND SPECIAL COMPOUND STEEL BELTED

Pg.No.225

570



TRACTION

ROADABILITY

TIRE LIFE

DRIVING COMFORT

LOAD CARRYING CAPACITY


GROUND STABILITY

R-4 **G**

HRC **C+C** **SB**
HEAT RESISTANT COMPOUND OUTCHIP RESISTANT COMPOUND STEEL BELTED

Pg.No.227

323



TRACTION

ROADABILITY

TIRE LIFE

DRIVING COMFORT

LOAD CARRYING CAPACITY

GROUND STABILITY


I-3 **B**

WRC **C+C** **SC**
WEAR RESISTANT COMPOUND OUTCHIP RESISTANT COMPOUND SPECIAL COMPOUND

Pg.No.229

CWL

606



TRACTION

ROADABILITY

TIRE LIFE

LOAD CARRYING CAPACITY

DUTY CYCLE


GROUND STABILITY

R-4 **D**

WRC **SC** **SB**
WEAR RESISTANT COMPOUND SPECIAL COMPOUND STEEL BELTED

Pg.No.235

608



TRACTION

ROADABILITY

TIRE LIFE

DRIVING COMFORT

LOAD CARRYING CAPACITY


GROUND STABILITY

R-4 **B**

WRC **SC** **SB**
WEAR RESISTANT COMPOUND SPECIAL COMPOUND STEEL BELTED

Pg.No.238

601 MUD & SNOW



TRACTION

ROADABILITY

TIRE LIFE

LOAD CARRYING CAPACITY

DUTY CYCLE

GROUND STABILITY

R-4 **B**

SC **SB**
SPECIAL COMPOUND STEEL BELTED

Pg.No.240

CWL
Tire Patterns by Segments

326 WIDE GRIP

TRACTION

ROADABILITY

TIRE LIFE

LOAD CARRYING CAPACITY

E-2L-2/G-2 **A8**

SC
SPECIAL COMPOUND

Pg.No.241

580

TRACTION

ROADABILITY

TIRE LIFE

DRIVING COMFORT

LOAD CARRYING CAPACITY

GROUND STABILITY

R-4 **A8**

WRC **SC** **SB**
WEAR RESISTANT COMPOUND SPECIAL COMPOUND STEEL BELTED

Pg.No.243

570

TRACTION

ROADABILITY

TIRE LIFE

DRIVING COMFORT

LOAD CARRYING CAPACITY

GROUND STABILITY

R-1 **A8**

Pg.No.245

317

TRACTION

ROADABILITY

TIRE LIFE

DRIVING COMFORT

LOAD CARRYING CAPACITY

GROUND STABILITY

R-4 **G**

WRC **HRC** **SC**
WEAR RESISTANT COMPOUND HEAT RESISTANT COMPOUND SPECIAL COMPOUND

Pg.No.246

533

TRACTION

ROADABILITY

TIRE LIFE

DRIVING COMFORT

LOAD CARRYING CAPACITY

SOIL PROTECTION

R-4 **A8**

SC
SPECIAL COMPOUND

Pg.No.248

300 MPT

ROADABILITY

TIRE LIFE

DRIVING COMFORT

R-4 **G**

SC **AS**
SPECIAL COMPOUND ALL STEEL

Pg.No.250

Radial Earthmover

650

TRACTION

ROADABILITY

TIRE LIFE

E-3/G-3/L-3 **B**

HRC **C+C** **AS**
HEAT RESISTANT COMPOUND OUTCHIP RESISTANT COMPOUND ALL STEEL

Pg.No.253

690

TRACTION

ROADABILITY

TIRE LIFE

E-3/G-3/L-5 **B**

HRC **C+C** **AS**
HEAT RESISTANT COMPOUND OUTCHIP RESISTANT COMPOUND ALL STEEL

Pg.No.254

655

TRACTION

ROADABILITY

TIRE LIFE

G-2/L-2 **B**

C+C **SC** **AS**
OUTCHIP RESISTANT COMPOUND SPECIAL COMPOUND ALL STEEL

Pg.No.255

600

TRACTION

ROADABILITY

TIRE LIFE

E-2/L-2/G-2 **B**

HRC **AS**
HEAT RESISTANT COMPOUND ALL STEEL

Pg.No.256

Bias Earthmover

308

TRACTION

LOAD CARRYING CAPACITY

GROUND STABILITY

G-2/L-2 **B**

SC **C+C**
SPECIAL COMPOUND OUTCHIP RESISTANT COMPOUND

Pg.No.259

302

TRACTION

LOAD CARRYING CAPACITY

GROUND STABILITY

E-2/L-2/G-2 **B**

SC **C+C**
SPECIAL COMPOUND OUTCHIP RESISTANT COMPOUND

Pg.No.261

307

TRACTION

LOAD CARRYING CAPACITY

GROUND STABILITY

G-2/L-2

SC **C+C**
SPECIAL COMPOUND OUTCHIP RESISTANT COMPOUND

Pg.No.263

318 SUPER GRIP

TRACTION

DUTY CYCLE

GROUND STABILITY

E-3/L-3 **B**

SC **HRC**
SPECIAL COMPOUND HEAT RESISTANT COMPOUND

Pg.No.264

310

TRACTION

ROADABILITY

TIRE LIFE

E-3/L-3/G-3 **B**

SC
SPECIAL COMPOUND

Pg.No.267

210 SUPER TRANSPORT LUG

TRACTION

ROADABILITY

TIRE LIFE

E-2/L-2 **B**

SC
SPECIAL COMPOUND

Pg.No.268

Port

Tire Patterns by Segments

505

TIRE LIFE

DRIVING COMFORT

DUTY CYCLE

GROUND STABILITY

IND-3 **A8**

SC **AS**
SPECIAL COMPOUND ALL STEEL

Pg.No.273

309

TIRE LIFE

DRIVING COMFORT

DUTY CYCLE

GROUND STABILITY

IND-4 **A5**

SC
SPECIAL COMPOUND

Pg.No.273

311

TIRE LIFE

DRIVING COMFORT

DUTY CYCLE

GROUND STABILITY

IND-4

SC
SPECIAL COMPOUND

Pg.No.274

315 PORT STAR PLUS

TIRE LIFE

DRIVING COMFORT

DUTY CYCLE

GROUND STABILITY

IND-4

SC
SPECIAL COMPOUND

Pg.No.275

318 SUPER GRIP

TIRE LIFE

DRIVING COMFORT

DUTY CYCLE

GROUND STABILITY

IND-4

SC
SPECIAL COMPOUND

Pg.No.275

609

TIRE LIFE

DRIVING COMFORT

DUTY CYCLE

GROUND STABILITY

IND-4

AS **SC**
ALL STEEL SPECIAL COMPOUND

Pg.No.276

610

TIRE LIFE

DRIVING COMFORT

DUTY CYCLE

GROUND STABILITY

IND-4 **A5**

AS **SC**
ALL STEEL SPECIAL COMPOUND

Pg.No.276

UGM

314 MINE SERVICE

TIRE LIFE

DUTY CYCLE

GROUND STABILITY

L-5S

C+C **SC** **WRC**
OUTCHIP RESISTANT COMPOUND SPECIAL COMPOUND WEAR RESISTANT COMPOUND

Pg.No.278

Mobile Crane

630

ROADABILITY

TIRE LIFE

TRACTION

E-3 **E**

HRC **SC** **AS**
HEAT RESISTANT COMPOUND SPECIAL COMPOUND ALL STEEL

Pg.No.281

636

TRACTION

TIRE LIFE

ROADABILITY

E-2 **E**

HRC **C+C** **SC** **AS**
HEAT RESISTANT COMPOUND OUTCHIP RESISTANT COMPOUND SPECIAL COMPOUND ALL STEEL

Pg.No.282

639

TRACTION

TIRE LIFE

ROADABILITY

E-2 **F**

HRC **C+C** **SC** **AS**
HEAT RESISTANT COMPOUND OUTCHIP RESISTANT COMPOUND SPECIAL COMPOUND ALL STEEL

Pg.No.282

Excavator

390

TRACTION

TIRE LIFE

LOAD CARRYING CAPACITY

DUTY CYCLE

GROUND STABILITY

I-2 **F**

SC **WRC** **SB**
SPECIAL COMPOUND WEAR RESISTANT COMPOUND STEEL BELTED

Pg.No.285

380

TRACTION

TIRE LIFE

LOAD CARRYING CAPACITY

DUTY CYCLE

GROUND STABILITY

I-2 **A8**

SC **WRC** **SB**
SPECIAL COMPOUND WEAR RESISTANT COMPOUND STEEL BELTED

Pg.No.286

506 DUAL MASTER

TRACTION

ROADABILITY

TIRE LIFE

DRIVING COMFORT

LOAD CARRYING CAPACITY

DUTY CYCLE

GROUND STABILITY

A8

SC **AS**
SPECIAL COMPOUND ALL STEEL

Pg.No.287

Excavator

Tire Patterns by Segments

528 DUAL MASTER

TRACTION	██████████
ROADABILITY	██████████
TIRE LIFE	██████████
DRIVING COMFORT	██████████
LOAD CARRYING CAPACITY	██████████
DUTY CYCLE	██████████
GROUND STABILITY	██████████

A8 **SC** **AS**
SPECIAL COMPOUND ALL STEEL Pg.No.287

225

TRACTION	██████████
ROADABILITY	██████████
TIRE LIFE	██████████
LOAD CARRYING CAPACITY	██████████
GROUND STABILITY	██████████

E-2 **B** **SC** **HRC** **C+C**
SPECIAL COMPOUND HEAT RESISTANT COMPOUND CUTCHIP RESISTANT COMPOUND Pg.No.288

224

TRACTION	██████████
ROADABILITY	██████████
TIRE LIFE	██████████
LOAD CARRYING CAPACITY	██████████
GROUND STABILITY	██████████

E-2 **B** **SC**
SPECIAL COMPOUND Pg.No.290

624

TRACTION	██████████
ROADABILITY	██████████
TIRE LIFE	██████████
DRIVING COMFORT	██████████
LOAD CARRYING CAPACITY	██████████
DUTY CYCLE	██████████
GROUND STABILITY	██████████

R-4 **A8** **SC** **AS**
SPECIAL COMPOUND ALL STEEL Pg.No.290

331

TRACTION	██████████
TIRE LIFE	██████████
LOAD CARRYING CAPACITY	██████████
DUTY CYCLE	██████████
GROUND STABILITY	██████████

I-3 **A8** **SC** **WRC**
SPECIAL COMPOUND WEAR RESISTANT COMPOUND Pg.No.291

344

TRACTION	██████████
ROADABILITY	██████████
TIRE LIFE	██████████
LOAD CARRYING CAPACITY	██████████
DUTY CYCLE	██████████
GROUND STABILITY	██████████

LS-2 **A8** **SB**
STEEL BELTED Pg.No.292

839

TRACTION	██████████
ROADABILITY	██████████
TIRE LIFE	██████████
LOAD CARRYING CAPACITY	██████████
GROUND STABILITY	██████████

R-4 **B** **SC** **C+C**
SPECIAL COMPOUND CUTCHIP RESISTANT COMPOUND Pg.No.292

Paver and Compactor

329

ROADABILITY	██████████
TIRE LIFE	██████████
DRIVING COMFORT	██████████
LOAD CARRYING CAPACITY	██████████
GROUND STABILITY	██████████

R-3 **A8** **SC** **C+C** **HRC**
SPECIAL COMPOUND CUTCHIP RESISTANT COMPOUND HEAT RESISTANT COMPOUND Pg.No.295

330

ROADABILITY	██████████
TIRE LIFE	██████████
DRIVING COMFORT	██████████
LOAD CARRYING CAPACITY	██████████
GROUND STABILITY	██████████

R-3 **A8** **SC** **C+C** **HR**
SPECIAL COMPOUND CUTCHIP RESISTANT COMPOUND HEAT RESISTANT COMPOUND Pg.No.297

SKID STEER

Skid Steer



Pattern Sizes by Segment

Size	L/PR	550 MULTIUSE	SK-903	SK-906
10-16.5	8PR/10PR			●
10-16.5NHS	8PR		●	
12-16.5	12PR			●
	8PR/10PR			●
12-16.5NHS	10PR		●	
265/70R16.5	130A2	●		
305/70R16.5	141A5	●		

● Skidsteer

R-4



SKIDSTEER

550 MULTIUSE



SK-906



SK-903



Skid Steer

These R-4 tires have been developed for Skid Steer application.



550 MULTIUSE

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
								Constant load				
								Static	10 6	25 16	30 19	40 25
265/70R16.5 (10R16.5)	8.25	264	773	349	2345	130A2	4	3000	1900	1370	1290	1250
305/70R16.5 (12R16.5)	9.75	304	832	374	2469	141A5	4	3610	2780	2575	2500	1800
							58	6610	4190	3020	2840	2750
							58	7950	6120	5670	5510	3960



CUT&CHIP RESISTANT COMPOUND ABRASION RESISTANT COMPOUND

SK-906

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Symb.	Infl. press.	Recommended load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
								10 6	
10-16.5	8.25x16.5	260	768	355	2290	8	4.1	1880	
								60	4140
		10.2	30.2	14	90.2	10	5.2	2135	
						75	4710		
12-16.5	9.75x16.5	302	825	384	2527	8	3.4	2180	
								50	4810
		11.9	32.5	15.1	99.5	10	4.5	2540	
						65	5600		
						12	5.5	2865	
							80	6320	



CUT&CHIP RESISTANT COMPOUND ABRASION RESISTANT COMPOUND

SK-903

SIZE	P.R.	TYPE	RIM	O.D.	S.W.	SLR	L.C.C.	A.P.	SP
				mm in	mm in	mm in	kgs lbs	bar psi	kmph mph
10-16.5NHS	8	TL	8.25	773	260	356	1880	4.1	10
				30.4	10.2	14	4145	59	6
12-16.5NHS	10	TL	9.75	831	307	380	2540	4.5	10
				32.7	12.1	15	5600	65	6

BACKHOE LOADERS

Backhoe
Loader



Pattern Sizes by Segment

Size	L/PR	302	500	550 Multiuse	321	325 Tough Trac	533	580	570	211	239
11L-15	8PR									●	
11L-15SL	10PR									●	
11L-16	10PR									●	
11L-16SL	12PR									●	
14-17.5	14PR/143G										●
	10PR/135G										●
10.5/80-18	10PR /119 B				●						
	10PR				●						
12.5/80-18	10PR /126 B				●						
	10PR/12PR				●						
	12PR /129 B				●						
	16PR/135B				●						
280/80-18	132A8/145A8					●●●					
10.5-20	10PR /122B				●						
	10PR				●						
12.5-20	12PR /122B				●						
	12PR				●						
340/80-20	144A8					●●●					
400/70-20	150B/161A8								●		
405/70R20	136G								●		
	143B/155A2								●		
14.9-24	10PR/142A8						●●●				
	12PR/145A8						●●●				
15.5/80-24	10PR/12PR						●●●				
	16PR						●●●				
16.5/85-24	12PR						●●●				
16.9-24	12PR/149A8						●●●				
17.5L-24	12PR								●		
	150A8/147B								●		
	10PR/144A8						●●●				
	8PR/139A8						●●●				
	139A8		●●								
18.4-24	145A8/150A8		●●								
18.4-24	12PR /145A8						●●●				
	149A8/146B								●		
19.5LR24	156A8/153B								●		
	12PR /151A8						●●●				
21.0L-24	10PR/150A8						●●●				
	12PR/155A8						●●●				
	16PR/160A8						●●●				
400/80-24	162A8					●●●					
440/80R24	161A8/161B							●			
440/80-24	168A8					●●●					
460/70R24	150A8/147B								●		
	159A8/156B								●		
	159A8/159B							●			

- Utility tractor
- Grader
- MFWA
- BackHoe
- Compact Loader
- Loader
- Industrial Forklift

Pattern Sizes by Segment

Size	L/PR	302	500	550 Multiuse	321	325 Tough Trac	533	580	570	211	239
460/70R24	159A8/159B			●							
500/70R24	164A8/164B			●				●			
15.5-25	12PR/168A2	● ●									
	12PR/149B	● ●									
18.4-26	10PR /153A8						● ● ●				
	12PR /156A8						● ● ●				
480/80R26	160A8/160B			●							
14.9-28	12PR /148A8	● ●									
	8PR /140A8	● ●									
16.5/85-28	10PR	● ●									
	12PR						● ● ●				
16.9-28	12PR /152A8	● ●					● ● ●				
	14PR /155A8	● ●					● ● ●				
18.4-28	12PR/157A8						● ● ●				
440/80R28	156A8/156B							●			
500/70R28	164A8/164B							●			
16.9-30	10PR /149A8						● ● ●				
	14PR /156A8						● ● ●				

Backhoe
Loader

- Utility tractor
- Grader
- MFWA
- BackHoe
- Compact Loader
- Loader
- Industrial Forklift

580 R-4



BACKHOE



Alliance 580 is built with unique tread pattern that enables strong grip and high traction on soft surfaces, as well as comfortable work on hard surfaces. Its carcass construction contributes to high stability of the machine, especially when working on sloppy terrains, and complete puncture protection. This tire, because of its central lug design, is well suited for both on and off road, hence it's also a good tire for multi-purpose transportation. The tires' long tread life and low tread wear are based on its specific tread design and durable tread rubber compound.

TERRAIN



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Constant load					Cyclic Applications			
								mm in	mm in	Static	10 6	25 16	30 19	40 25	50 31	10^ 6
DW14L																
440/80R24 (16.9R24) IND	DW15L	449	1309	591	3865	161A8	4	9710	5780	5130	4950	4625	4625	6940	6200	
	14	17.7	51.5	23.3	152.2	161B	58	21390	12730	11300	10900	10190	10190	15290	13660	
	TW14L															
DW15L																
460/70R24 (17.5LR24) IND	DW14L															
	DW16L	462	1250	567	3701	159A8	4	10060	5470	4860	4680	4375	4375	6560	5860	
	14	18.2	49.2	22.3	145.7	159B	58	22160	12050	10700	10310	9640	9640	14450	12910	
	16															
TW14L																
500/70R24 (19.5LR24) IND	DW16L	505	1308	594	3876	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700	
	DW15L	19.9	51.5	23.4	152.6	164B	58	25330	13770	12220	11780	11010	11010	16520	14760	
	16															
440/80R28 (16.9R28) IND	DW14L	460	1410	642	4183	156A8	3.2	9200	5000	4440	4280	4000	4000	6000	5360	
	DW15L	18.1	55.5	25.3	164.7	156B	46	20260	11010	9780	9430	8810	8810	13220	11810	
500/70R28 (19.5LR28) IND	DW16L	503	1411	643	4187	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700	
	DW15L	19.8	55.6	25.3	164.8	164B	58	25330	13770	12220	11780	11010	11010	16520	14760	

570 R-4

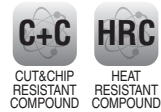
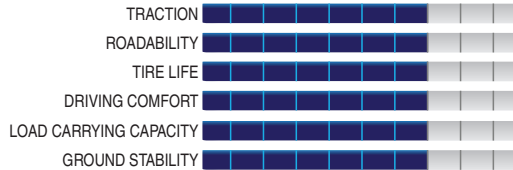


Alliance 570 is an ideal radial tire for industrial and construction services. The tread pattern enables strong grip and high traction performances on soft surfaces, as well as comfortable work on hard surfaces and stable running on the roads. The strong polyester construction enables higher vehicle speed as well as increased puncture protection. Flatter tread because of radial tire construction provides even pressure distribution, high productivity and optimal fuel consumption.

TERRAIN



Backhoe Loader



570 BACKHOE & TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Constant load				Cyclic Applications				
								mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	
19.5LR24	W16L W15L	495	1320	600	3912	149A8	2.5	7480	4060	3320	3250	2960	4880	3480	3250	2960
		19.5	52	23.6	154	146B	36	16480	8940	7310	7160	6520	10750	7670	7160	6520
						156A8	3	9200	5000	4080	4000	3640	6000	4280	4000	3640
						153B	44	20260	11010	8990	8810	8020	13220	9430	8810	8020
460/70R24 (17.5LR24)	W15L W14L	445	1245	564	3682	150A8	3	7710	4190	3420	3350	3050	5030	3580	3350	3050
		17.5	49	22.2	145	147B	44	16980	9230	7530	7380	6720	11080	7890	7380	6720
						159A8	4	10060	5470	4680	4375	4000	6560	4680	4375	4000
400/70-20	11 13	413	1093	505	3272	150B	4	8400	4625	3800	3650	3320	5480	3910	3650	3320
		16.3	43	19.9	128.8	161A2	58	18500	10190	8370	8040	7310	12070	8610	8040	7310
17.5L-24	W15L W14L	445	1250	573	3727	12	3.1	7710	4190	3480	3350	3050	5030	3580	3350	3050
		17.5	49.2	22.6	146.7	150A8	45	16980	9230	7670	7380	6720	11080	7890	7380	6720



BETTER VALUE.
SMARTER CHOICE.

570 BACKHOE & EARTH MOVER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)						Loading		
		mm in	mm in	mm in	mm in	Transport			Loading							
		mm in	mm in	mm in	mm in	Bar psi	10	20	30	40	50	Static	1	5	10	
405/70R20	13	421	1080	495	3217	143B	3.75	3870	3520	3160	2970	2725	6200	5040	4380	3875
		16.6	42.5	19.5	126.7	155A2	54	8520	7750	6960	6540	6000	13660	11100	9650	8540

570 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)						Loading		
		mm in	mm in	mm in	mm in	Transport			Loading							
		mm in	mm in	mm in	mm in	bar psi	10	20	30	40	50	60	70	80	90	
405/70R20 MPT	13	421	1080	492	3217	136G	4	4030	3360	2800	2580	2510	2460	2400	2330	2240
		16.6	42.5	19.5	126.7		58	8880	7400	6170	5680	5530	5420	5290	5130	4930

533

R-4

A8

SPEED



BACKHOE



WHEEL LOADER



UTILITY TRACTOR

TERRAIN



Backhoe Loader

Alliance 533 reinforced tire is an industrial drive wheel tire, constructed for non-agricultural applications. The tire's heavy nylon construction and special tread compound are designed to achieve best results on industrial use as well as off road and building site services. Its tread design gives more traction and breaking power as well as high mileage on road.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
									Free rolling				Drive wheel			
									mm in	mm in	10 6	25 12	30 19	40 25	10 6	20 12
								154A6								
						10		2.5	4840	4280	3750	3380	3420	3020	2650	2390
								36	10660	9430	8265	7440	7530	6650	5840	5260
								138A8								
								157A6								
15.5/80-24	W12	394	1262	552	3652	12	154A8	3	5320	4700	4125	3710	3740	3310	2900	2610
	W13						44	11720	10350	9090	8170	8240	7290	6390	5750	
	W14L															
	142A8															
								163A6								
						16	159A8	4	6290	5560	4875	4390	4450	3930	3450	3110
							151A6	58	13850	12250	10740	9670	9800	8660	7600	6850
								147A8								
								162A6								
16.5/85-24	W13	417	1320	580	3831	12	158A8	2.7	6130	5420	4750	4280	4320	3820	3350	3020
	W14L						39	13500	11940	10460	9430	9520	8410	7380	6650	
	W15L															
								146A8								
								163A6								
16.5/85-28	W13L	417	1423	626	4133	12	159A8	2.8	6290	5560	4875	4390	4450	3930	3450	3110
	W14L						41	13850	12250	10740	9670	9800	8660	7600	6850	
	W15L															
								147A8								

533 BACKHOE & TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Recommend load, kg (lbs)											
		Speed, km/h (mph)						Industrial Use				Agricultural Use						
		Infil.					Constant load		Cyclic Applic		Infil.		Road Transport		Field			
		mm in	mm in				mm in	mm in	mm in	mm in	bar psi	20 12	40 25	20 12	40 25	Bar psi	20 12	40 25
14.9-24	W13 W12	378	1241	560	3661	10	2.5	2890	2650	3260	2650	2.2	2760	2060	1870	2200		
		14.9	48.9	22	144.1	142A8	36	6370	5840	7180	5840	32	6080	4540	4120	4850		
						12	2.9	3160	2900	3570	2900	2.6	3000	2240	2040	2400		
16.9-24	W15L	429	1309	589	3855	12	2.6	3540	3250	4000	3250	2.5	3510	2620	2380	2800		
		16.9	51.5	23.2	151.8	149A8	38	7800	7160	8810	7160	36	7730	5770	5240	6170		
						8	1.7	2650	2430	2990	2430	1.5	2510	1870	1700	2000		
17.5L-24	W15L W14L	444	1240	551	3623	139A8	25	5840	5350	6590	5350	22	5530	4120	3740	4410		
		17.5	48.8	21.7	142.6	10	2.2	3050	2800	3440	2800	2	2880	2150	1960	2300		
						144A8	32	6720	6170	7580	6170	29	6340	4740	4320	5070		
18.4-24	W16L	467	1375	605	3992	12	2.5	4220	3875	4770	3875	2.3	3990	2980	2710	3190		
		18.4	54.1	23.8	157.2	155A8	36	9300	8540	10510	8540	33	8790	6560	5970	7030		
19.5L-24	W17L	495	1314	580	3823	12	2.3	3760	3450	4240	3450	2.1	3550	2650	2410	2840		
		19.5	51.7	22.8	150.5	151A8	33	8280	7600	9340	7600	30	7820	5840	5310	6260		
21L-24	DW18L W18L	533	1377	605	3995	10	1.8	3650	3350	4120	3350	1.5	3080	2300	2090	2460		
		21	54.2	23.8	157.3	150A8	26	8040	7380	9070	7380	22	6780	5070	4600	5420		
						12	2.2	4220	3875	4770	3875	1.9	3550	2650	2410	2840		
						155A8	32	9300	8540	10510	8540	28	7820	5840	5310	6260		
						16	2.8	4910	4500	5540	4500	2.5	4120	3075	2800	3290		
18.4-26	DW16A W16L W15L	467	1425	628	4142	10	2	2980	3650	4490	3650	1.8	2550	2650	2410	2840		
		18.4	56.1	24.7	163.1	153A8	29	8770	8040	9890	8040	26	7820	5840	5310	6260		
						12	2.5	4360	4000	4920	4000	2.3	4020	3000	2730	3210		
						156A8	36	9600	8810	10840	8810	33	8850	6610	6010	7070		
16.9-28	W15L W14 DW14	429	1410	641	4179	12	2.6	3870	3550	4370	3550	2.4	3650	2725	2480	2920		
		16.9	55.5	25.2	164.5	152A8	38	8520	7820	9630	7820	35	8040	6000	5460	6430		
						14	3	4220	3875	4770	3875	2.8	4020	3000	2730	3210		
						155A8	44	9300	8540	10510	8540	41	8850	6610	6010	7070		
18.4-28	W16L	467	1477	655	4310	12	2.5	4500	4125	5070	4125	2.2	4120	3075	2800	3290		
		18.4	58.1	25.8	169.7	36	9910	9090	11170	9090	32	9070	6770	6170	7250			
16.9-30	W15L W14	440	1470	664	4339	10	2.2	3540	3250	4000	3250	2	3350	2500	2280	2680		
		17.3	57.9	23.1	170.8	149A8	32	7800	7160	8810	7160	29	7380	5510	5020	5900		

302

E-2/G-2/L-2



SPEED



BACKHOE



GRADER

TERRAIN



Backhoe
Loader



Alliance 302 Industrial Implement tire is a heavy duty implement tire for industrial application and for all types of hard services. It has good self-cleaning ability, as well as high traction, which makes this tread design suitable for all kind of off road services. Its strong nylon carcass ensures full power transmission as well as good resistance to mechanical tire failures.



WEAR RESISTANT COMPOUND



CUT&CHIP RESISTANT COMPOUND



SPECIAL COMPOUND

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Recommend load, kg (lbs)									
							Speed, km/h (mph)									
		SW		OD		mm in	mm in	Industrial Use				Agricultural Use				
		mm in	mm in	mm in	mm in			bar psi	20 12	40 25	Cyclic Applic	20 12	40 25	Bar psi	20 12	40 25
14.9-28	W13	378	1343	606	3962	12	3.1	3430	3150	3870	3150	2.7	3160	2360	2150	2530
	W12	14.9	52.9	23.9	156	148A8	45	7560	6940	8520	6940	39	6960	5200	4740	5570
16.9-28	W15L	429	1410	641	4179	12	2.6	3870	3550	4370	3550	2.4	3650	2725	2480	2920
	152A8					38	8520	7820	9630	7820	35	8040	6000	5460	6430	
	W14	16.9	55.5	25.2	164.5	14	3	4220	3875	4770	3875	2.8	4020	3000	2730	3210
	DW14					155A8	44	9300	8540	10510	8540	41	8850	6610	6010	7070

321 R-4 **B**
SPEED



Alliance 321 Construction Machinery tire is designed for tough on & off road requirements of modern compact construction machinery and other equipments where moderate traction and long life is required. Its strong nylon carcass casing provides improved resistance to structural failure of the tire.

TERRAIN



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		Speed, km/h (mph)						Static	10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31	
		SW mm in	OD mm in														
10.5/80-18	9	277	910	410	2680	10	3.7	3600	2030	1700	1600	1540	1480	1430	1390	1360	
		10.9	35.8	16.1	105.5	119 B	54	7930	4470	3740	3520	3390	3260	3150	3060	3000	
12.5/80-18	9	308	987	440	2890	10	3.1	4510	2530	2130	2010	1920	1850	1790	1730	1700	
						126 B	45	9930	5570	4690	4430	4230	4070	3940	3810	3740	
	11	12.1	38.9	17.3	113.8	12	3.7	4900	2760	2310	2180	2090	2020	1940	1890	1850	
						129 B	54	10790	6080	5090	4800	4600	4450	4270	4160	4070	
10.5-20	9	270	955	433	2830	10	3.75	3840	2160	1810	1710	1640	1580	1520	1480	1450	
		10.6	37.6	17	111.4	122B	54	8460	4760	3990	3770	3610	3480	3350	3260	3190	
12.5-20	11	325	1040	475	3090	12	3.5	4900	2760	2310	2180	2090	2020	1940	1890	1850	
		12.8	40.9	18.7	121.7	122B	51	10790	6080	5090	4800	4600	4450	4270	4160	4070	
12.5/80-18 HD	9	308	987	440	2890	12	3.7	4900	2760	2310	2180	2090	2020	1940	1890	1850	
		11	12.1	38.9	17.3	113.8	129 B	54	10790	6080	5090	4800	4600	4450	4270	4160	4070

321 BACKHOE & IMPLEMENT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
		mm in	mm in	Free rolling				Drive Wheel									
				Load index speed Sym	bar psi		10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31			
10.5/80-18	9	277	910	410	2683	10	127 B	3.7	2730	2320	1950	1760	1900	1620	1360	1220	
		10.9	35.8	16.1	105.6		119A8	54	6010	5110	4300	3880	4190	3570	3000	2690	
							115 B										
							139A8										
12.5/80-18	9	308	987	440	2891	10	134 B	3.1	3400	2890	2430	2190	2380	2020	1700	1530	
							126A8	45	7490	6370	5350	4820	5240	4450	3740	3370	
	11	12.1	38.9	17.3	113.8	12	123 B										
							142A8										
	10.5-20	9	270	955	433	2827	10	138 B	3.7	3710	3150	2650	2390	2590	2200	1850	1670
								129A8	54	8170	6940	5840	5260	5700	4850	4070	3680
12.5-20 NHS	11	325	1040	475	3093	12	125 B										
							133A8										
							129 B	3.75	2880	2450	2060	1850	2030	1730	1450	1310	
							121A8	54	6340	5400	4540	4070	4470	3810	3190	2890	
12.5-20 NHS	11	325	1040	475	3093	12	118 B										
							138A8										
							134 B	3.5	3710	3150	2650	2390	2590	2200	1850	1670	
							125A8	51	8170	6940	5840	5260	5700	4850	4070	3680	
							122 B										

Backhoe Loader

TOUGH-TRAC 325

R-4

A8

SPEED



BACKHOE



UTILITY TRACTOR

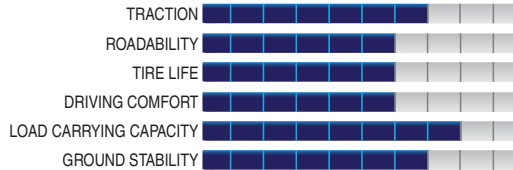


COMPACT LOADER

TERRAIN



Alliance 325 ToughTrac tire is designed for heavy duty applications with very good resistance to shock and perforation. This tire has specially designed directional tread pattern with massive lug design, aggressive tread pattern and flat stable crown having extra thick sidewall and under tread, making it ideal for compact machineries.



SPECIAL COMPOUND

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl press	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
								Mixed application				
								Static	10 6	25 16	30 19	40 25
280/80-18	W9	282	905	411	2681	132A8	4	4600	2500	2120	2080	2000
		11.1	35.6	16.2	105.6		58	10140	5510	4675	4585	4410
						145A8	5.6	6670	3625	3075	3015	2900
340/80-20	11	340	1045	473	3088	144A8	4	6440	3500	2970	2910	2800
		13.4	41.1	18.6	121.6		58	14190	7710	6540	6410	6170
400/80-24	DW13	404	1250	568	3725	162A8	5	10930	5940	5040	4940	4750
		15.9	49.2	22.4	146.7		73	24100	13100	11110	10890	10470
440/80-24	DW14L	460	1328	603	3933	168A8	5	12880	7000	5940	5820	5600
		18.1	52.3	23.7	154.8		73	28370	15420	13080	12820	12330

500 **R-4** **A8**
SPEED



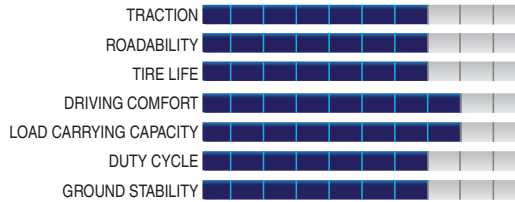
TERRAIN



Backhoe Loader



Alliance 500 is a modern radial tire for industrial tractors. The tire displays high traction, breaking, mileage, riding comfort in transport applications and better resistance to the penetration of sharp objects. All this is achieved by a radial nylon casing, a tough rayon belt, trash shields and a unique self-cleaning tread design.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Constant load				Cyclic Applications				
								mm in	mm in	mm in	mm in	Bar psi	Static	10 6	30 19	40 25
17.5LR24	W15L W14L	445	1240	549	3615	**	1.8	5590	3040	2480	2430	2210	3650	2600	2430	2210
		17.5	48.8	21.6	142.3	139A8	26	12310	6700	5460	5350	4870	8040	5730	5350	4870
						145A8	2.5	6670	3630	2960	2900	2640	4350	3100	2900	2640
							36	14690	8000	6520	6390	5810	9580	6830	6390	5810
						150A8	3	7710	4190	3420	3350	3050	5030	3580	3350	3050
					44	16980	9230	7530	7380	6720	11080	7890	7380	6720		

211

F-3

A8

SPEED



BACKHOE



Alliance 211 is specifically engineered for the front tires of two-wheel drive backhoes. The 211 provides exceptional tread life. The tire displays good load distribution and wide footprint for high stability.

TERRAIN



WEAR RESISTANT COMPOUND

Size	Type	PR	RIM		OD		SW		RC		SLR		LCC@AP	SP
			Inches	mm in	mm in	mm in	mm in	mm in	mm in	mm in				
11L-15	TL	8	8LB	770	279	2362	363	1060 @360	40					
				30.3	11.0	93.0	14.3	2340 @52	25					
11L-15SL	TL	10	8LB	770	274		352	1061 @360	40					
				30.3	10.8		13.9	2339 @52	25					
11L-16	TL	10	8LB	793	279	2438	373	1120 @360	40					
				31.2	11.0	96.0	14.7	2470 @52	25					
11L-16SL	TL	12	8LB	793	274		364	1252 @440	40					
				31.2	10.8		14.3	2760 @64	25					

239

F-3

G

SPEED



BACKHOE

TERRAIN



Backhoe Loader



Alliance 239 is a multipurpose low-section steering wheel tire for heavy duty tractors. It provides high mileage on road and in industrial applications. Its strong nylon construction and the use of high grade compounds guarantee long tire life.



HRC
HEAT RESISTANT COMPOUND

SC
SPECIAL COMPOUND

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								All surfaces				Improved surfaces			
								mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
14-17.5	10.5	363	927	418	2730	10	4.8	4470	3160	2730	2570	2460	2380	2270	2180
		14.3	36.5	16.5	107.5	135G	70	9850	6960	6010	5660	5420	5240	5000	4800
						14	6.9	5590	3950	3410	3220	3080	2970	2830	2725
						143G	100	12310	8700	7510	7090	6780	6540	6230	6000

TELEHANDLERS

Telehandlers



Pattern Sizes by Segment

Size	L/PR	323	570	580
425/55R17	140A8/140B		● ● ●	
280/80R18	132A8/132B			● ●
340/80R18	143A8/143B			● ●
280/80R20	133A8/133B			● ●
340/80R20	139G			● ●
380/75R20	148A8/148B			● ●
400/70-20	150B/161A2		● ● ●	
400/70R20	149A8/149B			● ●
405/70-20	14PR/16PR	● ●		
405/70R20	136G		● ● ●	
	143B/155A2		● ● ●	
425/75R20	148G			● ●
17.5L24	12PR		● ● ●	
	150A8/147B		● ● ●	
19.5LR-24	149A8/146B		● ● ●	
	156A8/153B		● ● ●	
405/70R24	150A8/150B			● ●
405/70-24	14PR	● ●		
440/80R24	161A8/161B			● ●
445/70R24	151G		● ● ●	
460/70R24	145A8/142B		● ● ●	
	150A8/147B		● ● ●	
	159A8/156B		● ● ●	
	159A8/159B			● ●
495/70R24	155G		● ● ●	
500/70R24	164A8/164B			● ●
480/80R26	160A8/160B			● ●
440/80R28	156A8/156B			● ●
500/70R28	164A8/164B			● ●

● Compact Loader ● Telehandler ● MFWA ● Dump Truck

580 **R-4** **G**
SPEED



Alliance 580's unique tread pattern enables strong grip and high traction performance on soft surfaces, as well as comfortable work on hard surfaces. Its carcass construction contributes to high stability of the machine, especially when working on sloppy terrains, and complete puncture protection. This tire, because of its central lug design, is well suited for both on and off road, hence it's also a good tire for multi-purpose transportation. The tires' long tread life and low tread wear are based on its specific tread design and durable tread rubber compound.

TERRAIN



580 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								10	20	30	40	50	60	70	80	90
300/75R18*						142A8		-----UNDER DEVELOPMENT-----								
340/80R20MPT	11	343	1052	492	3216	139G	4.5	4370	3650	3040	2790	2720	2670	2600	2530	2430
		13.5	41.4	19.4	126.6		65	9630	8040	6700	6150	5990	5880	5730	5570	5350
425/75R20MPT	13	427	1138	516	3423	148G	4	5670	4730	3940	3620	3530	3470	3370	3280	3150
		16.8	44.8	20.3	134.8		58	12490	10420	8680	7970	7780	7640	7420	7220	6940

580 TELEHANDLER & INDUSTRIAL TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)						Cyclic Applications		
								Static	10	25	30	40	50	10 ^A	15	
280/80R18 (10.5R18) IND	W9															
	W8	282	905	412	2685	132A8	4	4600	2500	2220	2140	2000	2000	3000	2680	
	W10	11.1	35.6	16.2	105.7	132B	58	10130	5510	4890	4710	4410	4410	6610	5900	
340/80R18 (335/80R18) (12.5R18) IND	11															
	12															
	11SDC	350	1001	450	2970	143A8	4	6270	3410	3020	2920	2725	2725	4090	3650	
	12SDC	13.8	39.4	17.7	116.9	143B	58	13810	7510	6650	6430	6000	6000	9010	8040	
280/80R20 (10.5R20) IND	W9															
	W8	282	956	437	2846	133A8	4	4740	2580	2290	2200	2060	2060	3090	2760	
	W10	11.1	37.6	17.2	112	133B	58	10440	5680	5040	4850	4540	4540	6810	6080	

Telehandlers

580 TELEHANDLER & INDUSTRIAL TRACTOR

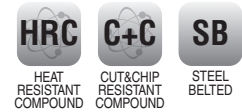
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)						Cyclic Applications	
		mm in	mm in	mm in	mm in	Static	10 6	25 16	30 19	40 25	50 31	10 ^A 6	15 9		
380/75R20 (14.5R20) IND	W12														
	W11	380	1078	487	3185	148A8	4	7250	3940	3500	3370	3150	3150	4730	4220
	11	15	42.4	19.2	125.4	148B	58	15970	8680	7710	7420	6940	6940	10420	9300
400/70R20 IND	W13														
	W12	410	1072	485	3168	149A8	4	7480	4060	3610	3480	3250	3250	4880	4360
	12SDC	16.1	42.2	19.1	124.7	149B	58	16480	8940	7950	7670	7160	7160	10750	9600
405/70R24 IND	W14L														
	13	402	1177	537	3498	150A8	4	7710	4190	3720	3580	3350	3350	5030	4490
	12	15.8	46.3	21.1	137.7	150B	58	16980	9230	8190	7890	7380	7380	11080	9890
440/80R24 (16.9R24) IND	DW14L														
	DW15L	449	1309	591	3865	161A8	4	9710	5780	5130	4950	4625	4625	6940	6200
	14	17.7	51.5	23.3	152.2	161B	58	21390	12730	11300	10900	10190	10190	15290	13660
460/70R24 (17.5LR24) IND	DW15L														
	DW14L	462	1250	567	3701	159A8	4	10060	5470	4860	4680	4375	4375	6560	5860
	14	18.2	49.2	22.3	145.7	159B	58	22160	12050	10700	10310	9640	9640	14450	12910
500/70R24 (19.5LR24) IND	DW16L														
	DW15L	505	1308	594	3876	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
	16	19.9	51.5	23.4	152.6	164B	58	25330	13770	12220	11780	11010	11010	16520	14760
480/80R26 (18.4R26) IND	DW15	489	1423	642	4240	160A8	3.2	10350	5630	5000	4820	4500	4500	4750	6030
	DW16	19.3	56	25.3	166.9	160B	46	22800	12400	11010	10620	9910	9910	14870	13280
440/80R28 (16.9R28) IND	DW14L	460	1410	642	4183	156A8	3.2	9200	5000	4440	4280	4000	4000	6000	5360
	DW15L	18.1	55.5	25.3	164.7	156B	46	20260	11010	9780	9430	8810	8810	13220	11810
500/70R28 (19.5LR28) IND	DW16L	503	1411	643	4187	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
	DW15L	19.8	55.6	25.3	164.8	164B	58	25330	13770	12220	11780	11010	11010	16520	14760

570 **R-1** **G**
SPEED



Alliance 570 is an ideal radial tire for industrial and construction services. The tread pattern enables strong grip and high traction on soft surfaces, as well as comfortable work on hard surfaces. Its basic lug design provides excellent grip and traction on soft surfaces, while more rubber around the center line enables smooth and stable run on road. The strong polyester construction reinforced by steel belts enables higher vehicle speed as well as increased puncture protection.

TERRAIN



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		Speed, km/h (mph)						Transport					Loading				
		SW	OD					10	20	30	40	50	Static	1	5	10	
		mm in	mm in					mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	
405/70R20	13	421	1080	495	3217	143B	3.75	3870	3520	3160	2970	2725	6200	5040	4380	3875	
		16.6	42.5	19.5	126.7	155A2	54	8520	7750	6960	6540	6000	13660	11100	9650	8540	

570 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)											
		Speed, km/h (mph)						10	20	30	40	50	60	70	80	90			
		SW	OD					6	12	19	25	31	37	44	50	56			
		mm in	mm in					mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in			
405/70R20 MPT	13	421	1080	492	3217	136G	4	4030	3360	2800	2580	2510	2460	2400	2330	2240			
		16.6	42.5	19.5	126.7	136G	58	8880	7400	6170	5680	5530	5420	5290	5130	4930			
445/70R24	DW15L	445	1234	564	3670		4	6210	5180	4310	3970	3860	3800	3690	3590	3450			
	DW14L	17.5	48.6	22.2	144.5	151G	58	13680	11410	9490	8740	8500	8370	8130	7910	7600			
495/70R24	16	499	1304	588	3845	155G	4	6980	5810	4840	4460	4340	4260	4150	4030	3875			
		19.6	51.3	23.1	151.4	155G	58	15370	12800	10660	9820	9560	9380	9140	8880	8540			

Telehandlers



BETTER VALUE.
SMARTER CHOICE.

570 TELEHANDLER & INDUSTRIAL TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)				Cyclic Applications				
		mm in	mm in	mm in	mm in	Constant load										
						Bar psi	Static	10 6	30 19	40 25	50 31	10 ^A 6	30 19	40 25	50 31	
425/55R17	13	425	890	395	2615	140A8	3.5	5750	3750	2680	2500	2500	4380	2750	2500	2500
		16.7	35	15.6	102.9	140B	51	12670	8260	5900	5510	5510	9650	6060	5510	5510
19.5LR24	W16L W15L	495	1320	600	3912	149A8	2.5	7480	4060	3320	3250	2960	4880	3480	3250	2960
		19.5	52	23.6	154	146B	36	16480	8940	7310	7160	6520	10750	7670	7160	6520
						156A8	3	9200	5000	4080	4000	3640	6000	4280	4000	3640
						153B	44	20260	11010	8990	8810	8020	13220	9430	8810	8020
460/70R24 (17.5LR24)	W15L W14L	445	1245	564	3682	150A8	3	7710	4190	3420	3350	3050	5030	3580	3350	3050
		17.5	49	22.2	145	147B	44	16980	9230	7530	7380	6720	11080	7890	7380	6720
						159A8	4	10060	5470	4680	4375	4000	6560	4680	4375	4000
						156B	58	22160	12050	10310	9640	8810	14450	10310	9640	8810
400/70-20	11	413	1093	505	3272	150B	4	8400	4625	3800	3650	3320	5480	3910	3650	3320
	13	16.3	43	19.9	128.8	161A2	58	18500	10190	8370	8040	7310	12070	8610	8040	7310
	W15L	445	1250	573	3727	12	3.1	7710	4190	3480	3350	3050	5030	3580	3350	3050
17.5L-24	W14L	17.5	49.2	22.6	146.7	150A8	45	16980	9230	7670	7380	6720	11080	7890	7380	6720
						147B										

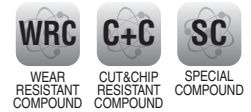
323 **I-3** **B**
SPEED



TERRAIN



Alliance 323 MPT tire is designed for specific applications on telescopic handlers and compact wheel loaders. It has superior carcass and bead construction which aids in improving tire life. The extra deep lug provides excellent wear under most severe working conditions. Its specially designed directional tread pattern provides excellent traction and self-cleaning properties. This tire is engineered with a special rubber compound which provides better chunk, tear resistance and long tire life.



323 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommended load, kg (lbs)				
		SW	OD						Speed, km/h (mph)				
		mm in	mm in						10 6	20 12	30 19	40 25	50 31
405/70-20 16.0/70-20	13	407	1076	496	3160	14	149B	3.5	5200	4030	3705	3575	3250
		16	42.4	19.5	124.4			51	11465	8885	8170	7880	7165
405/70-24 16.0/70-24	13	407	1178	546	3460	14	152B	4	5680	4400	4045	3905	3550
		16	46.4	21.5	136.2			58	12520	9700	8915	8610	7825

Telehandlers

COMPACT WHEEL LOADERS AND UTILITY TRACTORS

Compact
Wheel Loader &
Utility Tractor



Pattern Sizes by Segment

Size	L/PR	317	533	326	570	580	300 MPT	601 Mud & Snow	606	608
250/75R16	120G									
425/55R17	140A8/140 B				● ●					
10.5-18	10PR	● ● ● ●								
	12PR	● ● ● ●								
12.5-18	12PR	● ● ● ●								
	6PR	● ● ● ●								
	8PR	● ● ● ●								
	16PR	● ● ● ●								
15.5/55R18	140A8/140B							● ● ● ●		
	132A8/132 B					● ●				
300/75R18*	142A8					● ●				
	136A8									● ● ● ●
	145A2								● ● ● ● ● ●	
	145A2/134B								● ● ● ● ● ●	
340/80R18	130D								● ● ● ● ● ●	
	143A8/143 B					● ●				
365/70R18	135B/130D								● ● ● ● ● ●	
	146A2								● ● ● ● ● ●	● ● ● ●
	135B									● ● ● ●
405/70R18	153A2								● ● ● ● ● ●	● ● ● ●
	141B									● ● ● ●
	141B/137D								● ● ● ● ● ●	
10.5-20	12PR	● ● ● ●								
	6PR	● ● ● ●								
	8PR	● ● ● ●								
	10PR	● ● ● ●								
	16PR	● ● ● ●								
12.5-20	10PR	● ● ● ●								
	12PR	● ● ● ●								
	6PR	● ● ● ●								
	8PR	● ● ● ●								
12.5R20	16PR	● ● ● ●								
	147A2								● ● ● ● ● ●	
	12PR						●			
14.5-20	10PR	● ● ● ●								
	12PR	● ● ● ●								
	16PR	● ● ● ●								
	6PR	● ● ● ●								
	8PR	● ● ● ●								
16/70-20	14PR	● ● ● ●								
16/70R20	155A2							● ● ● ● ● ●		
280/80R20	133A8/133 B									● ●

- Ar. Dump ruck
- Utility Tractor MFWA
- BackHoe
- Utility Tractor 4WD
- Dozer
- Excavator
- Wheel Loader
- Rigid Dump Truck
- Telehandler
- Compact Loader

Pattern Sizes by Segment

Size	L/PR	317	533	326	570	580	300 MPT	601 Mud & Snow	606	608
335/80R20	136B/131D								●●●●●●●●	
	136B/147A2									●●●●●●●●
	147A2								●●●●●●●●	
340/80R20	144A8/144 B					●●				
340/80R20MPT	139G					●●				
	141B									●●●●●●●●
365/80R20	141B/136D								●●●●●●●●	
	153A2								●●●●●●●●	●●●●●●●●
	148A8/148 B					●●				
380/75R20	148A8/148 B					●●				
400/70-20	150B/161A2				●●					
400/70R20	149A8/149 B					●●				
405/70-20	10PR			●●●						
	12PR									
	14PR			●●●						
	16PR									
	20PR									
405/70R20	143B/139D								●●●●●●●●	
	143B									●●●●●●●●
	155A2								●●●●●●●●	●●●●●●●●
425/75R20	154A8/154 B					●●				
425/75R20MPT	148G					●●				
455/70R20	162A2									●●●●●●●●
14.9-24	10PR		●●							
	12PR		●●							
16/70R24	146B/142D								●●●●●●●●	
	158A2								●●●●●●●●	
16.9-24	12PR		●●							
17.5/70R24	165A2								●●●●●●●●	
17.5L-24	12PR					●●				
	8PR		●●							
	10PR		●●							
18.4-24	150A8/147B					●●				
	12PR		●●							
19.5LR24	156A8/153 B					●●				
	10PR		●●							
	149A8/146 B					●●				
21.0L-24	12PR		●●							
	16PR		●●							
	10PR		●●							
22/70-24	12PR			●●●						
	14PR			●●●						

Compact Wheel Loader & Utility Tractor

- Ar. Dump truck
- Utility Tractor MFWA
- BackHoe
- Utility Tractor 4WD
- Dozer
- Excavator
- Wheel Loader
- Rigid Dump Truck
- Telehandler
- Compact Loader

Pattern Sizes by Segment

Size	L/PR	317	533	326	570	580	300 MPT	601 Mud & Snow	606	608
405/70R24	10PR			● ● ●						
	14PR			● ● ●						
	146B/142D								● ● ● ● ● ●	
	150A8/150 B					● ●				
440/80R24	158A2								● ● ● ● ● ●	
	161A8/161 B					● ●				
455/70R24	154B/150D								● ● ● ● ● ●	
	165A2								● ● ● ● ● ●	
460/70R24	150A8/147 B				● ●					
	159A8/159 B					● ●				
	159A8/156 B				● ●					
500/70R24	164A8/164 B					● ●				
500/85R24	171A8/179A2				● ●					
16.00R25	177E									
18.4-26	10PR		● ●							
	12PR		● ●							
480/80R26	160A8/160 B					● ●				
16.9-28	12PR		● ●							
	14PR		● ●							
18.4-28	12PR		● ●							
440/80R28	156A8/156 B					● ●				
500/70R28	164A8/164B					● ●				
16.9-30	10PR		● ●							

- Ar. Dump truck
- Utility Tractor MFWA
- BackHoe
- Utility Tractor 4WD
- Dozer
- Excavator
- Wheel Loader
- Rigid Dump Truck
- Telehandler
- Compact Loader

COMPACT WHEEL LOADER

606

R-4

D

SPEED



COMPACT LOADER



BACKHOE



WHEEL LOADER



DOZER



ARTICULATED DUMP TRUCK



DUMP TRUCK



Alliance 606 tire for Loaders and Dozers is a low section tire for light earthmoving equipments. The tire is an all steel radial tire with steel belted construction. The unique non-directional tread design suits on/off road services. High mileage, easy self cleaning, best traction, fuel saving and ride comfort are some of the tire's advantages.

TERRAIN



SPECIAL COMPOUND



WEAR RESISTANT COMPOUND



STEEL BELTED

Compact Wheel Loader & Utility Tractor

606EARTH MOVER - COMPACT MACHINERY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Off-the road					Hard Improved Surfaces						
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)					
								bar	psi	Speed, km/h (mph)			bar	psi	Speed, km/h (mph)			
										Static	5				10	25	Static	5
mm	in	mm	in	mm	in	bar	psi	3	6	16	bar	psi	3	6	16			
335/80R18	11	371	984	443	2900	145A2	3.75	4640	3280	2900	2470	4.5	5220	4210	3920	3630		
		14.6	38.7	17.4	114.2		54	10220	7220	6390	5440	65	11500	9270	8630	8000		
365/70R18	13	400	1000	440	2900	146A2	3.75	4800	3390	3000	2550	4.5	5400	4350	4050	3750		
		15.7	39.4	17.3	114.2		54	10570	7470	6610	5620	65	11890	9580	8920	8260		
		13 13SDC																
405/70R18	12																	
	11	452	1070	461	3070	153A2	3.75	5840	4120	3650	3100	4.5	6570	5290	4930	4560		
	17.8	42.1	18.1	120.9	54		12860	9070	8040	6830	65	14470	11650	10860	10040			
		W14L																
		DW14L																
12.5R20 EM	11																	
	11SDC	366	1076	474	3130	147A2	3.75	4920	3470	3075	2610	4.5	5540	4460	4150	3840		
	12	14.4	42.4	18.7	123.2		54	10840	7640	6770	5750	65	12200	9820	9140	8460		
		12SDC																
		13 13SDC																
16/70R20 EM	12																	
	11	427	1076	473	3130	155A2	3.75	6200	4380	3875	3290	4.5	6980	5620	5230	4940		
	16.8	42.4	18.6	123.2	54		13660	9650	8540	7250	65	15370	12380	11520	10660			
		W14L																
		DW14L																
335/80R20EM	11																	
	11SDC	366	1076	474	3130	147A2	3.75	4920	3470	3075	2610	4.5	5540	4460	4150	3840		
	12	14.4	42.4	18.7	123.2		54	10840	7640	6770	5750	65	12200	9820	9140	8460		
		12SDC																



BETTER VALUE.
SMARTER CHOICE.

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Off-the road					Hard Improved Surfaces						
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)					
								Speed, km/h (mph)					bar psi	Speed, km/h (mph)				
								Static	5 3	10 6	25 16			bar psi	Static	5 3	10 6	25 16
mm in	mm in	mm in	mm in	bar psi	Static	5 3	10 6	25 16	bar psi	Static	5 3	10 6	25 16					
365/80R20EM	11																	
	11SDC	400	1127	493	3260	153A2	3.75	5840	4120	3650	3100	4.5	6570	5290	4930	4560		
	12	15.7	44.4	19.4	128.3	54	12860	9070	8040	6830	65	14470	11650	10860	10040			
	12SDC																	
405/70R20EM	13 13SDC																	
	12																	
	11	427	1076	473	3130	155A2	3.75	6200	4380	3875	3290	4.5	6980	5620	5230	4840		
	W14L	16.8	42.4	18.6	123.2	54	13660	9650	8540	7250	65	15370	12380	11520	10660			
	DW14L																	
16/70R24 EM	13	452	1223	538	3550	158A2	3.75	6800	4800	4250	3610	4.5	7650	6160	5740	5310		
	W14L	17.8	48.1	21.2	139.8	54	14980	10570	9360	7950	65	16850	13570	12640	11700			
17.5/70R24 EM	13SDC																	
	13	502	1299	567	3750	165A2	3.75	8240	5820	5150	4380	4.5	9270	7470	6950	6440		
	W15L	19.8	51.1	22.3	147.6	54	18150	12820	11340	9650	65	20420	16450	15310	14190			
	DW15L																	
	DW14L																	
405/70R24EM All Steel	13	452	1223	538	3550	158A2	3.75	6800	4800	4250	3610	4.5	7650	6160	5740	5310		
	W14L	17.8	48.1	21.2	139.8	54	14980	10570	9360	7950	65	16850	13570	12640	11700			
455/70R24EM All Steel	13SDC																	
	13	473	1247	537.4	3580	165A2	3.75	8240	5820	5150	4380	4.5	9270	7470	6950	6440		
	W15L	18.6	49.09	21.2	140.9	54	18150	12820	11340	9650	65	20420	16450	15310	14190			
	DW15L																	
	DW14L																	

606 TRANSPORT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Symbi	Infl. press	Recommended load, kg (lbs)									
		SW	OD					bar psi	Speed, km/h (mph)								
									15 9	20 12	25 16	30 19	40 25	50 31	55 34	60 37	65 40
									mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
335/80R18	11	371	984	443	2900	145A2	3.75	2370	2330	2290	2250	2180	2120	2080	1990	1900	
	134B	14.6	38.7	17.4	114.2	54	5220	5130	5040	4960	4800	4670	4580	4380	4190		
	130D																
365/70R18	11	400	1000	440	2900	135B	3.75	2440	2400	2350	2310	2250	2180	2140	2050	1900	
	13	15.7	39.4	17.3	114.2	130D	54	5370	5290	5180	5090	4960	4800	4710	4520	4190	
405/70R18	13																
	13SDC																
	12	452	1070	461	3070	141B	3.75	2880	2830	2780	2730	2650	2575	2520	2420	2300	
	11	17.8	42.1	18.1	120.9	137D	54	6340	6230	6120	6010	5840	5670	5550	5330	5070	
	W14L																
	DW14L																
335/80R20	11																
	11SDC	366	1076	474	3130	136B	3.75	2510	2460	2420	2370	2310	2240	2200	2110	1950	
	12	14.4	42.4	18.7	123.2	131D	54	5530	5420	5330	5220	5090	4930	4850	4650	4300	
	12SDC																
365/80R20EM	11																
	11SDC	400	1127	493	3260	141B	3.75	2880	2830	2780	2730	2650	2575	2520	2420	2240	
	12	15.7	44.4	19.4	128.3	136D	54	6340	6230	6120	6010	5840	5670	5550	5330	4930	
	12SDC																

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Symbi	Infl. press	Recommended load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in	bar psi	15 9	20 12	25 16	30 19	40 25	50 31	55 34	60 37	65 40	
405/70R20	13															
	13SDC															
	12	427	1076	466	3090	143B	3.75	3050	3000	2940	2890	2810	2725	2670	2560	2430
	11	16.8	42.4	18.3	121.7	139D	54	6720	6610	6480	6370	6190	6000	5880	5640	5350
	W14L															
	DW14L															
16/70R24	13	425	1180	517	3420	146B	3.75	3360	3300	3240	3180	3090	3000	2940	2820	2650
	13SDC	16.7	46.5	20.4	134.6	142D	54	7400	7270	7140	7000	6810	6610	6480	6210	5840
405/70R24	13	425	1180	517	3420	146B	3.75	3360	3300	3240	3180	3090	3000	2940	2820	2650
	13SDC	16.7	46.5	20.4	134.6	142D	54	7400	7270	7140	7000	6810	6610	6480	6210	5840
455/70R24	W14L															
	DW14L															
	13SDC	473	1247	542	3600	154B	3.75	4200	4130	4050	3980	3860	3750	3680	3530	3350
	13	18.6	49.1	21.3	141.7	150D	54	9250	9100	8920	8770	8500	8260	8110	7780	7380
	W15L															
	DW15L															

Compact
Wheel Loader &
Utility Tractor

608

R-4

B

SPEED



COMPACT
LOADER



BACKHOE



TELEHANDLER



ARTICULATED
DUMP TRUCK

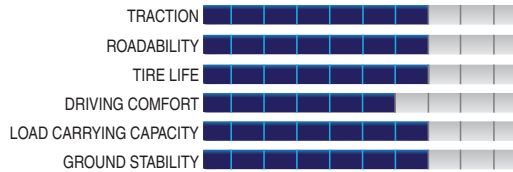


DUMP TRUCK

TERRAIN



Alliance 608 an innovative approach to compact machinery tire design. It provides low motion resistance which contributes to lower fuel consumption of compact machines. The tire's tread pattern is an optimized on/off road pattern with shoulder lugs for traction in the fields, as well as long tread life because of massive central blocks when machine works on harder surfaces. The tire construction includes both, all fabric and steel belted variants.



WRC

WEAR
RESISTANT
COMPOUND

SC

SPECIAL
COMPOUND

SB

STEEL
BELTED

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Off-the road					Hard Improved Surfaces				
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)			
								Speed, km/h (mph)					Speed, km/h (mph)			
								bar psi	Static	5 3	10 6		25 16	bar psi	Static	5 3
365/70R18	11	360	969	444	2936	146A2	3.75	4800	3390	3000	2550	4.5	5400	4350	4050	3750
	13	14.2	38.1	17.5	115.6		54	10570	7470	6610	5620	65	11890	9580	8920	8260
405/70R18	13	408	1025	450	3105	153A2	3.75	5840	4120	3650	3100	4.5	6570	5290	4930	4560
		16.1	40.4	17.7	122.2		54	12860	9070	8040	6830	65	14470	11650	10860	10040
335/80R20	11	350	1044	465	3148	136B	3.75	4920	3470	3075	2610	4.5	5540	4460	4150	3840
	11SDC	13.8	41.1	18.3	123.9	147A2	54	10840	7640	6770	5750	65	12200	9820	9140	8460
365/80R20	11	360	1092	482	3300	153A2	3.75	5840	4120	3650	3100	4.5	6570	5290	4930	4560
	11SDC															
	12	14.2	43	19	129.9	54	12860	9070	8040	6830	65	14470	11650	10860	10040	
	12SDC															
405/70R20	11	407	1076	470	3243	155A2	3.75	6200	4380	3875	3290	4.5	6980	5620	5230	4840
	11SDC															
	12	16	42.4	18.5	127.7	54	13660	9650	8540	7250	65	15370	12380	11520	10660	
	12SDC															
455/70R20	14	445	1146	518	3465	162A2	3.75	7600	5370	4750	4040	4.5	8550	6890	6410	5940
		17.5	45.1	20.4	136.4		54	16740	11830	10460	8900	65	18830	15180	14120	13080

608 TRANSPORT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Recommended load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in	bar psi	15 9	20 12	25 16	30 19	40 25	50 31	55 34	60 37	65 40	
335/80R18	11															
	W10															
	W11	343	992	445	2985	136A8	3.2	2530	2440	2370	2330	2240	2040	-	-	-
	11SDC	13.5	39.1	17.5	117.5		46	5570	5370	5220	5130	4930	4490	-	-	-
	12															
365/70R18EM	12SDC															
	11	360	969	444	2936	135B	3.75	2440	2400	2350	2310	2250	2180	-	-	-
405/70R18	13	14.2	38.1	17.5	115.6		54	5370	5290	5180	5090	4960	4800	-	-	-
	13															
	13SDC															
	12	407	1024	450	3105	141B	3.75	2880	2830	2780	2730	2650	2575	-	-	-
	11	16	40.3	17.7	122.2		54	6340	6230	6120	6010	5840	5670	-	-	-
365/80R20	W14L															
	DW14L															
	11															
	11SDC	360	1092	482	3300	141B	3.75	2880	2830	2780	2730	2650	2575	-	-	-
405/70R20	12	14.2	43	19	129.9		54	6340	6230	6120	6010	5840	5670	-	-	-
	12SDC															
	13	407	1076	470	3243	143B	3.75	3050	3000	2940	2890	2810	2725	-	-	-
	13SDC	16	42.4	18.5	127.7		54	6720	6610	6480	6370	6190	6000	-	-	-

Compact
Wheel Loader &
Utility Tractor

601 MUD & SNOW



COMPACT LOADER

EXCAVATOR

BACKHOE

ARTICULATED DUMP TRUCK



Alliance 601 Mud & Snow (M+S) tire was developed for use on construction and agro-industrial equipments. The radial tire construction with strong fabric layers protected by steel belts, promises long tire life. The 601 M+S model also ensures high traction as well as efficient self cleaning ability. It's high crown radius provides flat contact area and enables even ground pressure distribution. This tire's non directional tread design is suitable for all kinds of surfaces, providing equal traction in both directions of travel.

TERRAIN



SPECIAL COMPOUND

STEEL BELTED

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW mm in	OD mm in					Speed, km/h (mph)								
								Constant load				Cyclic Applications				
								Static	10 6	30 19	40 25	50 31	10 ^A 6	30 19	40 25	50 31
15.5/55R18	11	370	890	395	2598	140A8	3.5	5750	3130	2600	2500	2500	3750	2680	2500	2500
		14.6	35	15.6	102.3	140B	51	12670	6890	5730	5510	5510	8260	5900	5510	5510



BETTER VALUE.
SMARTER CHOICE.

326 TRANSPORT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Symbi	Infl. press bar	Recommended load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in	mm in	mm in	psi	15 9	20 12	25 16	30 19	40 25	50 31	55 34	60 37	65 40		
16/70-20EM (405/70-20) EM E-2	13DC max.10PR 13SDC 14PR 13SDC	407 16	1076 42.4	475 18.7	3130 123.2	10											
						141B	2.5	2880	2830	2780	2730	2650	2575	2500	2370	2120	
							36	6340	6230	6120	6010	5840	5670	5510	5220	4670	
						134D											
						14											
						149B	3.5	3640	3580	3510	3450	3350	3250	3150	2990	2725	
	51	8020	7890	7730	7600	7380	7160	6940	6590	6000							
16/70-24EM (405/70-24) EM E-2	13.00 SDC 13DC	407 16	1178 46.4	577 22.7	3660 144.1	10											
						143B	2.5	3050	3000	2940	2890	2810	2725	2640	2510	2300	
							36	6720	6610	6480	6370	6190	6000	5810	5530	5070	
						137D											
						14											
						152B	3.5	3980	3910	3830	3760	3660	3550	3440	3270	2900	
	51	8770	8610	8440	8280	8060	7820	7580	7200	6390							
20-24EM 22/70-24 EM E-2	16.00 T SDC	545 21.5	1390 54.7	612 24.1	4040 159.1	12											
						158B	2.5	4760	4680	4590	4510	4380	4250	4120	3910	3550	
							36	10480	10310	10110	9930	9650	9360	9070	8610	7820	
						152D											
						14											
						163B	3	5460	5360	5270	5170	5020	4875	4730	4490	4000	
	44	12030	11810	11610	11390	11060	10740	10420	9890	8810							
						156D											

UTILITY TRACTOR

580 **R-4** **A8**
SPEED



Alliance 580 is built with unique tread pattern that enable strong grip and high traction on soft surfaces, as well as comfortable work on hard surfaces. Its carcass construction contributes to high stability of the machine, especially when working on slopes, and complete puncture protection. This tire, because of its central lug design, is well suited for both on and off road, hence it's also a good tire for multi-purpose transportation. The tires' long tread life and low tread wear are based on its specific tread design and durable tread rubber compound.



Compact Wheel Loader & Utility Tractor

580 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								10	20	30	40	50	60	70	80	90	
300/75R18*						142A8		-----UNDER DEVELOPMENT-----									
340/80R20MPT	11	343	1052	492	3216	139G	4.5	4370	3650	3040	2790	2720	2670	2600	2530	2430	
		13.5	41.4	19.4	126.6		65	9630	8040	6700	6150	5990	5880	5730	5570	5350	
425/75R20MPT	13	427	1138	516	3423	148G	4	5670	4730	3940	3620	3530	3470	3370	3280	3150	
		16.8	44.8	20.3	134.8		58	12490	10420	8680	7970	7780	7640	7420	7220	6940	

580 INDUSTRIAL TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)						Cyclic Applications	
								Constant load							
								Static	10	25	30	40	50		
280/80R18 (10.5R18) IND	W9	282	905	412	2685	132A8	4	4600	2500	2220	2140	2000	2000	3000	2680
	W8	11.1	35.6	16.2	105.7	132B	58	10130	5510	4890	4710	4410	4410	6610	5900
-> NEW <-	W10														
300/75R18*						142A8		-----UNDER DEVELOPMENT-----							
	11	350	1001	450	2970	143A8	4	6270	3410	3020	2920	2725	2725	4090	3650
	12	13.8	39.4	17.7	116.9	143B	58	13810	7510	6650	6430	6000	6000	9010	8040
340/80R18 (335/80R18) (12.5R18) IND	11SDC														
	12SDC														
	W10														
	W11														
280/80R20 (10.5R20) IND	W9	282	956	437	2846	133A8	4	4740	2580	2290	2200	2060	2060	3090	2760
	W8	11.1	37.6	17.2	112	133B	58	10440	5680	5040	4850	4540	4540	6810	6080
	W10														

580 INDUSTRIAL TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		mm in	mm in	mm in	mm in	Constant load					Cyclic Applications				
						Static	10 6	25 16	30 19	40 25	50 31	10 ^A 6	15 9		
340/80R20 (12.5/80R20) IND	11	343	1052	477	3113	144A8	4	6440	3500	3110	3000	2800	2800	4200	3750
	12	13.5	41.4	18.8	122.6	144B	58	14190	7710	6850	6610	6170	6170	9250	8260
	11SDC														
	12SDC														
	W10 W11														
380/75R20 (14.5R20) IND	W12	380	1078	487	3185	148A8	4	7250	3940	3500	3370	3150	3150	4730	4220
	W11	15	42.4	19.2	125.4	148B	58	15970	8680	7710	7420	6940	6940	10420	9300
	11 12														
400/70R20 IND	W13	410	1072	485	3168	149A8	4	7480	4060	3610	3480	3250	3250	4880	4360
	W12	16.1	42.2	19.1	124.7	149B	58	16480	8940	7950	7670	7160	7160	10750	9600
	12SDC 13SDC W14L														
	13	418	1138	512	3352	154A8	4	8630	4690	4160	4010	3750	3750	5630	5030
425/75R20 (16.5R20) IND	11	16.5	44.8	20.2	132	154B	58	19010	10330	9160	8830	8260	8260	12400	11080
	12 12SDC 13SDC 14														
	13	402	1177	537	3498	150A8	4	7710	4190	3720	3580	3350	3350	5030	4490
	12	15.8	46.3	21.1	137.7	150B	58	16980	9230	8190	7890	7380	7380	11080	9890
440/80R24 (16.9R24) IND	DW14L	449	1309	591	3865	161A8	4	9710	5780	5130	4950	4625	4625	6940	6200
	DW15L	17.7	51.5	23.3	152.2	161B	58	21390	12730	11300	10900	10190	10190	15290	13660
	14 TW14L														
	DW15L	462	1250	567	3701	159A8	4	10060	5470	4860	4680	4375	4375	6560	5860
460/70R24 (17.5LR24) IND	DW14L	18.2	49.2	22.3	145.7	159B	58	22160	12050	10700	10310	9640	9640	14450	12910
	DW16L 14 16 TW14L														
	DW16L	505	1308	594	3876	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
	DW15L	19.9	51.5	23.4	152.6	164B	58	25330	13770	12220	11780	11010	11010	16520	14760
480/80R26 (18.4R26) IND	16														
	DW15	489	1423	642	4240	160A8	3.2	10350	5630	5000	4820	4500	4500	4750	6030
440/80R28 (16.9R28) IND	DW16	19.3	56	25.3	166.9	160B	46	22800	12400	11010	10620	9910	9910	14870	13280
	DW14L	460	1410	642	4183	156A8	3.2	9200	5000	4440	4280	4000	4000	6000	5360
500/70R28 (19.5LR28) IND	DW15L	18.1	55.5	25.3	164.7	156B	46	20260	11010	9780	9430	8810	8810	13220	11810
	DW16L	503	1411	643	4187	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
	DW15L	19.8	55.6	25.3	164.8	164B	58	25330	13770	12220	11780	11010	11010	16520	14760

570 **R-1** **A8**
SPEED



TERRAIN



Alliance 570 is an ideal radial tire for industrial and construction services. The tread pattern enables strong grip and high traction on soft surfaces, as well as comfortable work on hard surfaces. Its basic lug design provides excellent grip and traction on soft surfaces, while more rubber around the center line enables smooth and stable run on road. The strong polyester construction reinforced by steel belts enables higher vehicle speed as well as increased puncture protection. Flatter tread because of radial construction provides even pressure distribution, high productivity and optimal fuel consumption.



570 TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		Speed, km/h (mph)						Constant load				Cyclic Applications					
		SW	OD					Static		10	30	40	50	10 ^A	30	40	50
		mm	mm					mm	mm	6	19	25	31	6	19	25	31
425/55R17	13	425	890	395	2615	140A8	3.5	5750	3750	2680	2500	2500	4380	2750	2500	2500	
		16.7	35	15.6	102.9	140B	51	12670	8260	5900	5510	5510	9650	6060	5510	5510	
400/70-20	11	413	1093	505	3272	150B	4	8400	4625	3800	3650	3320	5480	3910	3650	3320	
	13	16.3	43	19.9	128.8	161A2	58	18500	10190	8370	8040	7310	12070	8610	8040	7310	
19.5LR24	W16L W15L	495	1320	600	3912	149A8	2.5	7480	4060	3320	3250	2960	4880	3480	3250	2960	
						146B	36	16480	8940	7310	7160	6520	10750	7670	7160	6520	
		19.5	52	23.6	154	156A8	3	9200	5000	4080	4000	3640	6000	4280	4000	3640	
						153B	44	20260	11010	8990	8810	8020	13220	9430	8810	8020	
460/70R24 (17.5LR24)	W15L W14L	445	1245	564	3682	150A8	3	7710	4190	3420	3350	3050	5030	3580	3350	3050	
						147B	44	16980	9230	7530	7380	6720	11080	7890	7380	6720	
		17.5	49	22.2	145	159A8	4	10060	5470	4680	4375	4000	6560	4680	4375	4000	
						156B	58	22160	12050	10310	9640	8810	14450	10310	9640	8810	
500/85R24	W16L	528	1458	653	4281	171A8	2.8	14150	7690	6400	6150	5600	9230	6580	6150	5600	
	W15L	20.8	57.4	25.7	168.5	179A2	41	31170	16940	14100	13550	12330	20330	14490	13550	12330	
17.5L-24	W15L W14L	445	1250	573	3727	12	3.1	7710	4190	3480	3350	3050	5030	3580	3350	3050	
						150A8	45	16980	9230	7670	7380	6720	11080	7890	7380	6720	
						147B											

Compact
Wheel Loader &
Utility Tractor

317

R-4

G

SPEED



UTILITY TRACTOR 4WD



UTILITY TRACTOR MFWD



COMPACT LOADER



BACKHOE



TELEHANDLER



Alliance 317 tire is designed for applications that require high traction. It is engineered and certified with 'G' rating to provide the best performance for on and off road services in tough weather conditions. The tire provides excellent traction to drive wheels and has a strong nylon carcass construction.

TERRAIN



317 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)									
		SW	OD						Speed, km/h (mph)									
		mm in	mm in						15 9	20 12	30 19	40 25	50 31	60 37	70 44	80 50	90 56	
10.5-18	9	270	905	415	2700	10	126G	3.75	2810	2550	2130	1960	1900	1870	1820	1770	1700	
		10.6	35.6	16.3	106.3			54	6190	5620	4690	4320	4190	4120	4010	3900	3740	
12.5-18	11	325	990	450	2940	12	130G	4.5	3140	2850	2380	2190	2130	2090	2030	1975	1900	
								65	6925	6285	5245	4830	4695	4605	4475	4355	4190	
						10	128G	3	2970	2700	2250	2070	2020	1980	1930	1870	1800	
								43	6540	5950	4960	4560	4450	4360	4250	4125	3960	
12.5-18	12	12.8	39	17.7	115.7	12	131G	3.5	3220	2930	2440	2240	2180	-	-	-	-	
								51	7090	6450	5370	4930	4800	-	-	-	-	
10.5-20	9	270	955	445	2880	12	131G	4.3	3220	2930	2440	2240	2180	2150	2090	2030	1950	
										62	7090	6450	5370	4930	4800	4740	4600	4470
12.5-20	11	325	1040	475	3090	10	129G	3	3050	2780	2310	2130	2070	2040	1980	1925	1850	
								43	6720	6120	5090	4690	4560	4490	4360	4245	4070	
						12	132G	3.5	3300	3000	2500	2300	2240	2200	2140	2080	2000	
								51	7270	6610	5510	5070	4930	4850	4710	4580	4410	
14.5-20	12	355	1095	500	3260	10	132G	2.5	3300	3000	2500	2300	2240	2200	2140	2080	2000	
								36	7270	6610	5510	5070	4930	4850	4710	4585	4410	
						12	136G	3	3700	3360	2800	2580	2510	2460	2400	2330	2240	
								44	8150	7400	6170	5680	5530	5420	5290	5130	4930	
14.5-20	14	14	43.1	19.7	128.3	14	139G	3.5	4010	3650	3040	2790	2720	2670	2600	2525	2430	
										51	8830	8040	6700	6150	5990	5880	5730	5565

131G

317 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
		mm in	mm in	mm in	mm in				Speed Symbol	bar psi	15 9	20 12	30 19	40 25	50 31	60 37	70 44
16/70-20	13.SDC	407	1076	791	3200	14	145G	3.5	4790	4350	3630	3340	3250	3190	3100	3015	2900
405/70-20	13	16	42.4	31.1	126			51	10550	9580	8000	7360	7160	7030	6830	6645	6390
									137G								

317 NON HIGHWAY APPLICATION

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)									
		SW	OD						Speed, km/h (mph)									
		mm in	mm in	mm in	mm in				Speed Symbol	bar psi	5 3	10 6	20 12	25 16	30 19	35 22	40 25	45 28
10.5-18	9	270	905	415	2700	10	130 B	3.8	3990	3190	2620	2340	2150	2030	1960	1920	1900	
		10.6	35.6	16.3	106.3			54	8790	7030	5770	5150	4740	4470	4320	4230	4190	
12.0-18	9 11	294	949	420	2770	12	145A6	4.5	6840	3840	3230	3040	2900	2810	2710	2630	2580	
		11.6	37.4	16.5	109.1			65	15070	8460	7110	6700	6390	6190	5970	5790	5680	
12.5-18	11 12	325 12.8	990 39	415 16.3	2790 109.8	6	124 B	2	3360	2690	2210	1970	1810	1710	1650	1620	1600	
								29	7400	5930	4870	4340	3990	3770	3630	3570	3520	
								2.5	3890	3110	2550	2280	2090	1980	1910	1870	1850	
								36	8570	6850	5620	5020	4600	4360	4210	4120	4070	
12.5-18	11 12	325 12.8	990 39	415 16.3	2790 109.8	12	135 B	3.5	4580	3660	3010	2680	2460	2330	2250	2200	2180	
								51	10090	8060	6630	5900	5420	5130	4960	4850	4800	
								4.5	5250	4200	3450	3080	2830	2680	2580	2530	2500	
								65	11560	9250	7600	6780	6230	5900	5680	5570	5510	
10.5-20	9	270 10.6	955 37.6	445 17.5	2880 113.4	6	123 B	2.5	3260	2600	2140	1910	1750	1660	1600	1570	1550	
								36	7180	5730	4710	4210	3850	3660	3520	3460	3410	
								3	3680	2940	2420	2150	1980	1870	1800	1770	1750	
								44	8110	6480	5330	4740	4360	4120	3960	3900	3850	
10.5-20	9	270 10.6	955 37.6	445 17.5	2880 113.4	10	132 B	3.8	4200	3360	2760	2460	2260	2140	2060	2020	2000	
								54	9250	7400	6080	5420	4980	4710	4540	4450	4410	
								4.3	4580	3660	3010	2680	2460	2330	2250	2200	2180	
								62	10090	8060	6630	5900	5420	5130	4960	4850	4800	
10.5-20	9	270 10.6	955 37.6	445 17.5	2880 113.4	16	142 B	6	5570	4450	3660	3260	2990	2840	2730	2680	2650	
								87	12270	9800	8060	7180	6590	6260	6010	5900	5840	
								2.5	3990	3190	2620	2340	2150	2030	1960	1920	1900	
								36	8790	7030	5770	5150	4740	4470	4320	4230	4190	
12.5-20 Steel Belted	11	325 12.8	1040 40.9	475 18.7	3090 121.7	8	133 B	3	4330	3460	2840	2530	2330	2200	2120	2080	2060	
								44	9540	7620	6260	5570	5130	4850	4670	4580	4540	
								3.5	4700	3760	3090	2760	2530	2400	2310	2260	2240	
								51	10350	8280	6810	6080	5570	5290	5090	4980	4930	
12.5-20 Steel Belted	11	325 12.8	1040 40.9	475 18.7	3090 121.7	12	140 B	4	5250	4200	3450	3080	2830	2680	2580	2530	2500	
								58	11560	9250	7600	6780	6230	5900	5680	5570	5510	
								4.6	5720	4580	3760	3350	3080	2920	2810	2750	2725	
								67	12600	10090	8280	7380	6780	6430	6190	6060	6000	
14.5-20	11 12	355 14	1095 43.1	500 19.7	3260 128.3	6	136 B	2.5	4700	3760	3090	2760	2530	2400	2310	2260	2240	
								36	10350	8280	6810	6080	5570	5290	5090	4980	4930	
								3	5250	4200	3450	3080	2830	2680	2580	2530	2500	
								44	11560	9250	7600	6780	6230	5900	5680	5570	5510	
14.5-20	11 12	355 14	1095 43.1	500 19.7	3260 128.3	10	143 B	3.5	5720	4580	3760	3350	3080	2920	2810	2750	2725	
								51	12600	10090	8280	7380	6780	6430	6190	6060	6000	
								4	6090	4870	4000	3570	3280	3100	2990	2930	2900	
								58	13410	10730	8810	7860	7220	6830	6590	6450	6390	
14.5-20	11 12	355 14	1095 43.1	500 19.7	3260 128.3	16	147 B	4.5	6460	5170	4240	3780	3470	3290	3170	3110	3075	
								65	14230	11390	9340	8330	7640	7250	6980	6850	6770	

Compact
Wheel Loader &
Utility Tractor

533

R-4

A8

SPEED



UTILITY
TRACTOR 4WD



UTILITY
TRACTOR MFWA

TERRAIN



Alliance 533 reinforced tire is an industrial drive wheel tire, constructed for non-agricultural applications. The tire's heavy nylon construction and special tread compound are designed to achieve best results on industrial use as well as off road and building site services. Its tread design gives more traction and breaking power as well as high mileage on road.



533 TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Recommend load, kg (lbs)									
		SW	OD				Speed, km/h (mph)									
							Industrial Use					Agricultural Use				
							Infl.	Constant load		Cyclic Applic		Infl.	Road Transport			Field
mm in	mm in	bar psi	20 12	40 25	20 12	40 25	Bar psi	20 12	40 25	50 31	10 6					
14.9-24	W13 W12	378 14.9	1241 48.9	560 22	3661 144.1	10	2.5	2890	2650	3260	2650	2.2	2760	2060	1870	2200
						142A8	36	6370	5840	7180	5840	32	6080	4540	4120	4850
						12	2.9	3160	2900	3570	2900	2.6	3000	2240	2040	2400
16.9-24	W15L	429 16.9	1309 51.5	589 23.2	3855 151.8	14	2.6	3540	3250	4000	3250	2.5	3510	2620	2380	2800
						149A8	38	7800	7160	8810	7160	36	7730	5770	5240	6170
						8	1.7	2650	2430	2990	2430	1.5	2510	1870	1700	2000
17.5L-24	W15L W14L	444 17.5	1240 48.8	551 21.7	3623 142.6	139A8	25	5840	5350	6590	5350	22	5530	4120	3740	4410
						10	2.2	3050	2800	3440	2800	2	2880	2150	1960	2300
						144A8	32	6720	6170	7580	6170	29	6340	4740	4320	5070
18.4-24	W16L W15L	467 18.4	1375 54.1	605 23.8	3992 157.2	12	2.5	4220	3875	4770	3875	2.3	3990	2980	2710	3190
						155A8	36	9300	8540	10510	8540	33	8790	6560	5970	7030
19.5L-24	W17L W16L	495 19.5	1314 51.7	580 22.8	3823 150.5	10	1.9	3350	3075	3780	3075	1.7	3180	2370	2160	2540
						147A8	28	7380	6770	8330	6770	25	7000	5220	4760	5590
						12	2.3	3760	3450	4240	3450	2.1	3550	2650	2410	2840
21L-24	DW18L W18L	533 21	1377 54.2	605 23.8	3995 157.3	151A8	33	8280	7600	9340	7600	30	7820	5840	5310	6260
						10	1.8	3650	3350	4120	3350	1.5	3080	2300	2090	2460
						150A8	26	8040	7380	9070	7380	22	6780	5070	4600	5420
						12	2.2	4220	3875	4770	3875	1.9	3550	2650	2410	2840
						155A8	32	9300	8540	10510	8540	28	7820	5840	5310	6260
16	2.8	4910	4500	5540	4500	2.5	4120	3075	2800	3290						
160A8	41	10810	9910	12200	9910	36	9070	6770	6170	7250						

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR. Stars Load Index Speed Symbol	Recommend load, kg (lbs)									
							Speed, km/h (mph)									
		Industrial Use		Agricultural Use												
		Inf.	Constant load		Cyclic Applic		Infil.	Road Transport			Field					
bar psi	20 12	40 25	20 12	40 25	Bar psi	20 12	40 25	50 31	10 6							
18.4-26	DW16A W16L W15L	467 18.4	1425 56.1	628 24.7	4142 163.1	10	2	3980	3650	4490	3650	1.8	3550	2650	2410	2840
						153A8	29	8770	8040	9890	8040	26	7820	5840	5310	6260
		12	2.5	4360	4000	4920	4000	2.3	4020	3000	2730	3210				
		156A8	36	9600	8810	10840	8810	33	8850	6610	6010	7070				
16.9-28	W15L W14 DW14	429 16.9	1410 55.5	641 25.2	4179 164.5	12	2.6	3870	3550	4370	3550	2.4	3650	2725	2480	2920
						152A8	38	8520	7820	9630	7820	35	8040	6000	5460	6430
		14	3	4220	3875	4770	3875	2.8	4020	3000	2730	3210				
		155A8	44	9300	8540	10510	8540	41	8850	6610	6010	7070				
18.4-28	W16L W15	467 18.4	1477 58.1	655 25.8	4310 169.7	12	2.5	4500	4125	5070	4125	2.2	4120	3075	2800	3290
							36	9910	9090	11170	9090	32	9070	6770	6170	7250
16.9-30	W15L W14	440 17.3	1470 57.9	664 26.1	4339 170.8	10 149A8	2.2	3540	3250	4000	3250	2	3350	2500	2280	2680
							32	7800	7160	8810	7160	29	7380	5510	5020	5900

Compact
Wheel Loader &
Utility Tractor

300 MPT

R-4



SPEED



WHEEL LOADER



UTILITY TRACTOR

TERRAIN



ON & OFF ROAD CONSTRUCTION



Alliance 300 is a modern, all steel radial, wide-base tire. Its unique tread design provides high mileage and high performance.



SPECIAL COMPOUND



ALL STEEL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
		mm in	mm in						15 9	20 12	30 19	40 25	50 31	60 37	70 44	80 50	90 56
12.5R20	11	330	1040	475	3090	12PR	132G	3.5	3300	3000	2500	2300	2240	2200	2140	2080	2000
		13	40.9	18.7	121.7			51	7270	6610	5510	5070	4930	4850	4710	4580	4410

RADIAL EARTH MOVER



Radial
Earth Mover

Pattern Sizes by Segment

Size	L/PR	600	650	655	690
14.00R24	153A8			●●	
	176A2		●●●●		
15.5R25	152B	●●●●			
	169A2	●●●●		●●	
	152B			●●	
	176A2/160B		●●●●		
17.5R25	157B	●●●●		●●	
	167B				●●●●
	182A2				●●●●
	176A2	●●●●		●●	
20.5R25	177B		●●●●		
	193A2		●●●●		
	186A2			●●	
	168B			●●	
23.5R25	185B		●●●●		
	201A2		●●●●		
26.5R25	193B		●●●●		
	209A2		●●●●		
	184B		●●●●		

● Ar. Dump Truck ● Dozer ● Grader ● Wheel Loader ● Rigid Dump Truck

650

E-3/G-3/L-3



SPEED



WHEEL LOADER



DOZER



GRADER



ARTICULATED DUMP TRUCK



Alliance 650 has a well proven tread pattern that enables its use for a wide range of applications on different kinds of mobile construction equipments. It's all steel construction ensures higher productivity with lower downtime.

TERRAIN



OFF ROAD SURFACE MINING



HEAT RESISTANT COMPOUND



CUT & CHIP RESISTANT COMPOUND



ALL STEEL

650 LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Off-the road				Hard Improved Surfaces					
		SW	OD				Infl. press	Recommended load, kg (lbs)			Infl. press	Recommended load, kg (lbs)				
								Speed, km/h (mph)				Speed, km/h (mph)				
								bar psi	Static	5 3		10 6	25 16	bar psi	Static	5 3
15.5R25		395	1277	563	3840	**	5.75	11360	8020	7100	6040	6.9	12780	10300	9590	8880
L-3/E3	12.00/1.3	15.6	50.3	22.2	151.2	176A2	83	25020	17670	15640	13300	100	28150	22690	21120	19560
20.5R25		543	1486	688	446	**	5.75	18400	13000	11500	9780	6.9	20700	16680	15530	14380
L-3/E3	17.00/2.0	21.4	58.5	27.1	175.6	193A2	83	40530	28630	25330	21540	100	45590	36740	34210	31670
23.5R25		605	1611	732	4780	**	5.75	23200	16390	14500	12330	6.9	26100	21030	19580	18130
L-3/E3	19.50/2.5	23.8	63.4	28.8	188.2	201A2	83	51100	36100	31940	27160	100	57490	46320	43130	39930
26.5R25		695	1738	779	5110	**	5.75	29600	20910	18500	15730	6.9	33300	26830	24980	23130
L-3/E3	22.00/3.0	27.4	68.4	30.7	201.2	209A2	83	65200	46060	40750	34650	100	73350	59100	55020	50950

650 TRANSPORT AND GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Infl. press	Recommend load, kg (lbs)									
		SW	OD					bar psi	Speed, km/h (mph)								
									15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34
									mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
15.5R25		395	1277	563	3840	**	3.5	3900	3830	3760	3690	3620	3580	3550	3480	3380	
E3/G3	12.00/1.3	15.6	50.3	22.2	151.2	176A2	51	8590	8440	8280	8130	7970	7890	7820	7670	7440	
20.5R25		538	1495	708	4550	**	4.5	8180	8030	7880	7740	7590	7520	7450	7300	7080	
E3/G3	17.00/1.7	21.2	58.9	27.9	179.1	177B	65	18020	17690	17360	17050	16720	16560	16410	16080	15590	
23.5R25		605	1611	732	4780	**	4.5	10360	10180	9990	9810	9620	9530	9440	9250	8970	
E3/G3	19.50/2.5	23.8	63.4	28.8	188.2	185B	65	22820	22420	22000	21610	21190	20990	20790	20370	19760	
26.5R25		680	1745	778	5110	184B	51	22200	21810	21410	21010	20620	20420	20220	19820	19230	
E3/G3	22.00/3.0	26.8	68.7	30.6	201.2	193B	65	28370	27860	27360	26850	26340	26100	25840	25330	24580	

Radial Earth Mover

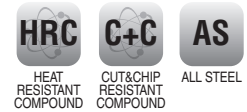
690 E-3/G-3/L-3 **B**
SPEED



TERRAIN



Alliance 690 is a modern wide-base, all-steel radial tire for all types of earthmoving equipments. Its unique tread design and sophisticated construction enable superior performance and high mileage coupled with smoother rides. The all steel construction ensures low downtime and higher productivity.



690 LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Off-the road Infl. press	Recommended load, kg (lbs)				Hard Improved Surfaces				
		SW	OD					Speed, km/h (mph)				Infl. press	Recommended load, kg (lbs)			
		mm in	mm in					Static	5 3	10 6	25 16		bar psi	Static	5 3	10 6
		mm in	mm in					mm in	mm in	bar psi	bar psi	mm in	mm in	mm in	mm in	
17.5R25		477	1345	619	4020	**	5.75	13600	9610	8500	7230	6.9	15300	12330	11480	10630
L-3/E3	14.00/1.5	17.6	53	24.4	158.3	182A2	83	29960	21170	18720	15930	100	33700	27160	25290	23410
All Steel																

690 TRANSPORT & GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Sym	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34
		mm in	mm in					mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	
17.5R25		477	1345	619	4020	**	4.5	6100	6000	5890	5780	5670	5610	5560	5450	5290
E3/G3	14.00/1.5	17.6	53	24.4	158.3	167B	65	13440	13220	12970	12730	12490	12360	12250	12000	11650

655

G-2/L-2



GRADER WHEEL LOADER



Alliance 655 Multiuse Special Winter tire represents an excellent all seasons tire provided with specific, wide, non directional tread pattern which enables good grip on every surface and good self cleaning even in muddy terrains. Its strong steel stress resistant casing reduces punctures. The tire's special rubber compound, aggressive blocks and sips enable exceptional traction, maneuvering ability and braking on ice & snow as well as on sand and loose terrains. Low motion resistance of the tire significantly decreases vehicle fuel consumption, and special rubber compound along with strong all-steel carcass enables longevity.

TERRAIN



C+C
CUT&CHIP
RESISTANT
COMPOUND

SC
SPECIAL
COMPOUND

AS
ALL STEEL

655 LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Off-the road				Infl. press	Hard Improved Surfaces						
		SW	OD					Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)					
									Speed, km/h (mph)					bar psi	Speed, km/h (mph)				
									Static	5 3	10 6				25 16	Static	5 3	10 6	25 16
15.5R25	12.00/1.3	400	1274	564	3714	*	4.5	9280	6550	5800	4930	4.5	10440	8410	7830	7250			
		15.7	50.2	22.2	146.2	169A2	65	20440	14430	12780	10860	65	23000	18520	17250	15970			
17.5R25	14.00/1.5	440	1349	614	4046	176A2	4.5	11360	8020	7100	6040	4.5	12780	10300	9590	8880			
		17.3	53.1	24.2	159.3	65	25020	17670	15640	13300	65	28150	22690	21120	19560				
20.5R25	17.00/2	522	1496	662	4360	*	4.5	15200	10740	9500	8080	4.5	17100	13780	12830	11880			
		20.6	58.9	26.1	171.7	186A2	65	33480	23660	20930	17800	65	37670	30350	28260	26170			

655 TRANSPORT AND GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Infl. press	Recommend load, kg (lbs)										
		SW	OD					Infl. press	Speed, km/h (mph)									
									Speed, km/h (mph)									
									15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34	
14.00R24	10.00VA 9.00/1.5 8.00TG	385	1364	623	4069	153A8	3.75	3650	3650	3650	3650	3650	3650	3650	3500	3320	3140	
		15.2	53.7	24.5	160.2	54	8040	8040	8040	8040	8040	8040	8040	7710	7390	6920		
15.5R25	12.00/1.3	400	1274	579	3782	152B	3	3270	3210	3150	3090	3030	3000	2850	2730	-		
							44	7200	7070	6940	6810	6670	6610	6280	6010	-		
							3.5	3980	3910	3830	3760	3690	3660	3620	3550	3480		
17.5R25	14.00/1.5	440	1349	621	4069	157B	3	3980	3910	3830	3760	3690	3650	3470	3320	-		
							44	8770	8610	8440	8280	8130	8060	7970	7490	7670		
							3.5	4620	4540	4460	4370	4290	4250	4210	4125	4040		
20.5R25	17.00/2	522	1496	688	4486	168B	3	5040	4950	4860	4760	4670	4625	4390	4210	-		
							44	11100	10900	10700	10480	10290	10190	9670	9270	-		
							3.5	6270	6160	6050	5940	5820	5770	5710	5600	5490		
		20.6	58.9	27.1	176.6	51	13810	13570	13330	13080	12820	12710	12580	11810	12090			

Radial Earth Mover

600

E-2/L-2/G-2



SPEED



WHEEL LOADER DOZER GRADER ARTICULATED DUMP TRUCK

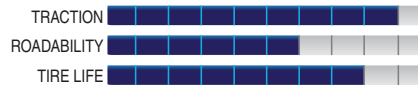
TERRAIN



OFF ROAD SURFACE MINING



Alliance 600 is a modern wide base, all steel radial tire for all types of earthmoving equipments. Its unique tread design and sophisticated construction ensure superior performance coupled with smoother rides and higher productivity.



600 LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Off-the road				Hard Improved Surfaces					
		SW	OD					Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)			
		mm in	mm in						Speed, km/h (mph)					Speed, km/h (mph)			
		mm in	mm in						bar psi	Static	5 3	10 6		25 16	bar psi	Static	5 3
15.5R25 L2	12.00/1.3	391	1274	576	3760	*	4.5	9280	6550	5800	4930	5.4	10440	8410	7830	7250	
		15.4	50.2	22.7	148	169A2	65	20440	14430	12780	10860	78	23000	18520	17250	15970	
17.5R25 L2	14.00/1.5	445	1345	594	3920	*	4.5	11360	8020	7100	6040	5.4	12780	10300	9590	8880	
		17.5	53	23.4	154.3	176A2	65	25020	17670	15640	13300	78	28150	22690	21120	19560	

600 TRANSPORT & GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Recommend load, kg (lbs)									
		SW	OD					bar psi	Speed, km/h (mph)								
		mm in	mm in						15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34
		mm in	mm in						mm in	mm in							
15.5R25 E2 / G2	12.00/1.3	391	1274	591	3830	*	3.5	3980	3910	3830	3760	3690	3660	3620	3550	3440	
		15.4	50	23.3	150.8	152B	51	8770	8610	8440	8280	8130	8060	7970	7820	7580	
17.5R25 E2 / G2	14.00/1.5	445	1345	614	4000	157B	3.5	4620	4540	4460	4370	4290	4250	4210	4125	4000	
		17.5	53	24.2	157.5		51	10180	10000	9820	9630	9450	9360	9270	9090	8810	

BIAS EARTH MOVER



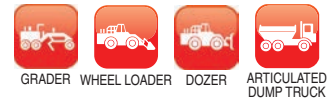
Bias
Earth Mover

Pattern Sizes by Segment

Size	L/PR	307	310	210 Transport	302	308	310	318
11.00-20	12PR			● ● ●				
	14PR			● ● ●				
	16PR			● ● ●				
12.00-20	14PR			● ● ●				
	16PR			● ● ●				
	18PR			● ● ●				
	20PR			● ● ●				
11.00-24	12PR			● ● ●				
	14PR			● ● ●				
	16PR			● ● ●				
12.00-24	14PR			● ● ●				
	16PR			● ● ●				
	18PR			● ● ●				
	20PR			● ● ●				
13.00-24	12PR	● ● ●						
	14PR	● ● ●						
16.00-24	20PR		● ● ●				● ● ●	
	24PR						● ● ●	
15.5-25	10PR				● ● ●	● ● ● ●		
	12PR	● ● ●			● ● ●	● ● ● ●		
	14PR				● ● ●	● ● ● ●		
	8PR				● ● ●	● ● ● ●		
16.00-25	28PR						● ● ●	
	32PR						● ● ●	
17.5-25	12PR					● ● ● ●		● ● ● ● ● ●
	16PR	● ● ●				● ● ● ●		● ● ● ● ● ●
	20PR					● ● ● ●		● ● ● ● ● ●
	24PR							● ● ● ● ● ●
18.00-25	28PR							● ● ● ● ● ●
	40PR							● ● ● ● ● ●
	12PR					● ● ● ●		● ● ● ● ● ●
20.5-25	16PR	● ● ●				● ● ● ●		● ● ● ● ● ●
	20PR					● ● ● ●		● ● ● ● ● ●
	24PR							● ● ● ● ● ●
	12PR							● ● ● ● ● ●
23.5-25	16PR							● ● ● ● ● ●
	20PR							● ● ● ● ● ●
	28PR							● ● ● ● ● ●
	20PR							● ● ● ● ● ●
26.5-25	24PR							● ● ● ● ● ●
	28PR							● ● ● ● ● ●
	32PR							● ● ● ● ● ●
	22PR							● ● ● ● ● ●
29.5-25	32PR							● ● ● ● ● ●
	16PR					● ● ● ●		
20.5-27	20PR					● ● ● ●		
16.9-28	12PR				● ● ●			
	14PR				● ● ●			
16.5/85-28	10PR				● ● ●			

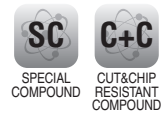
- Mobile Crane
- Forklift
- Telehandler
- Ar. Dump Truck
- BackHoe
- Dozer
- Grader
- Rubber Tire Gantry
- Loader
- Rigid Dump Truck
- Water Sprinkler

308 **G-2/L-2** **B**
SPEED



Alliance 308 is a tire designed for rugged service on front-end loaders. Husky tread bars are sized and angled for maximum traction and specially contoured to resist tearing and chipping. The overlapping lugs ensure smooth rolling on any type of surface and the spacing between lugs provides self-cleaning properties. It is built with ozone and weather-resistant compounds and has a strong nylon construction.

TERRAIN



308 LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Off-the road					Hard Improved Surfaces					
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)				
								Speed, km/h (mph)					bar psi	Speed, km/h (mph)			
								Static	5 3	10 6	25 16			Static	5 3	10 6	25 16
mm in	mm in	mm in	mm in	bar psi	kg	kg	kg	kg	kg	kg	kg	kg	kg				
15.5-25 L-2	12 12SDC	394 15.5	1277 50.3	564 22.2	3720 146.5	8	2.5	6800	4800	4250	3610	3	7650	6160	5740	5310	
						158A2	36	14980	10570	9360	7950	44	16850	13570	12640	11700	
						10	3.25	7800	5510	4875	4140	3.9	8780	7070	6580	6090	
						163A2	47	17180	12140	10740	9120	57	19340	15570	14490	13410	
						12	4	8960	6330	5600	4760	4.8	10080	8120	7560	7000	
						168A2	58	19740	13940	12330	10480	70	22200	17890	16650	15420	
17.5-25 L-2	14 14SDC	444 17.5	1348 53.1	599 23.6	3940 155.1	14	4.75	9840	6950	6150	5230	5.7	11070	8920	8300	7690	
						171A2	69	21670	15310	13550	11520	83	24380	19650	18280	16940	
						12	3.5	9840	6950	6150	5230	4.2	11070	8920	8300	7690	
						171A2	51	21670	15310	13550	11520	61	24380	19650	18280	16940	
						16	4.75	11680	8250	7300	6210	5.7	13140	10590	9860	9130	
						177A2	69	25730	18170	16080	13680	83	28940	23330	21720	20110	
20.5-25 L-2	17	520 20.5	1492 58.7	658 25.9	4340 170.9	20	5.75	13200	9320	8250	7010	6.9	14850	11960	11140	10310	
						181A2	83	29070	20530	18170	15440	100	32710	26340	24540	22710	
						12	2.5	10720	7570	6700	5700	3	12060	9720	9050	8380	
						174A2	36	23610	16670	14760	12560	44	26560	21410	19930	18460	
						16	3.5	13200	9320	8250	7010	4.2	14850	11960	11140	10310	
						181A2	51	29070	20530	18170	15440	61	32710	26340	24540	22710	
						20	4.5	15200	10740	9500	8080	5.4	17100	13780	12830	11880	
						186A2	65	33480	23660	20930	17800	78	37670	30350	28260	26170	

Bias Earth Mover

308 TRANSPORT & GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in	Speed Symb.	bar psi	15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34
15.5-25 308 L2 G2	12 12SDC	394 15.5	1277 50.3	564 22.2	3720 146.5	8	1.75	2880	2830	2780	2730	2680	2650	2630	2575	2500
						141B	25	6340	6230	6120	6010	5900	5840	5790	5670	5510
						10	2.25	3360	3300	3240	3180	3120	3090	3060	3000	2910
						146B	33	7400	7270	7140	7000	6870	6810	6740	6610	6410
						12	2.5	3640	3580	3510	3450	3380	3350	3320	3250	3150
						149B	36	8020	7890	7730	7600	7440	7380	7310	7160	6940
						14	2.75	3980	3910	3830	3760	3690	3660	3620	3550	3440
						152B	40	8770	8610	8440	8280	8130	8060	7970	7820	7580
						12	2.25	4090	4020	3940	3870	3800	3760	3720	3650	3540
						153B	33	9010	8850	8680	8520	8370	8280	8190	8040	7800
17.5-25 308 L2 G2	14 14SDC	444 17.5	1348 53.1	599 23.6	3940 155.1	16	3	4760	4680	4590	4510	4420	4380	4340	4250	4120
						158B	44	10480	10310	10110	9930	9740	9650	9560	9360	9070
						20	4	5600	5500	5400	5300	5200	5150	5100	5000	4850
						164B	58	12330	12110	11890	11670	11450	11340	11230	11010	10680
20.5-25 308 L2 G2	17	520 20.5	1492 58.7	658 25.9	4340 170.9	12	2	5040	4950	4860	4770	4680	4640	4590	4500	4370
						160B	29	11100	10900	10700	10510	10310	10220	10110	9910	9630
						16	2.75	6100	6000	5890	5780	5670	5610	5560	5450	5290
						167B	40	13440	13220	12970	12730	12490	12360	12250	12000	11650
						20	3.25	6720	6600	6480	6360	6240	6180	6120	6000	5820
170B	47	14800	14540	14270	14010	13740	13610	13480	13220	12820						

302

E-2/L-2/G-2



SPEED



GRADER



WHEEL LOADER



DOZER

TERRAIN



OFF ROAD SURFACE MINING



OFF ROAD CONSTRUCTION



Alliance 302 is a heavy duty implement tire for industrial application and for all types of hard services. It has good self-cleaning ability, as well as high traction, which makes this tread design suitable for all kinds of off road services. Its strong nylon carcass ensures full power transmission as well as good resistance to mechanical tire failures.



CUT&CHIP RESISTANT COMPOUND



SPECIAL COMPOUND

302 LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Off-the road					Hard Improved Surfaces				
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)			
								Speed, km/h (mph)					Speed, km/h (mph)			
								bar	Static	5	10		25	bar	Static	5
psi	3	6	16	psi	3	6	16									
						8	2.5	6800	4800	4250	3610	3	7650	6160	5740	5310
						158A2	36	14980	10570	9360	7950	44	16850	13570	12640	11700
						10	3.25	7800	5510	4875	4140	3.9	8780	7070	6580	6090
15.5-25 L2	12 12SDC	394 15.5	1277 50.3	564 22.2	3720 146.5	163A2	47	17180	12140	10740	9120	57	19340	15570	14490	13410
						12	4	8960	6330	5600	4760	4.8	10080	8120	7560	7000
						168A2	58	19740	13940	12330	10480	70	22200	17890	16650	15420
						14	4.75	9840	6950	6150	5230	5.7	11070	8920	8300	7690
						171A2	69	21670	15310	13550	11520	83	24380	19650	18280	16940

Bias Earth Mover

302 TRACTOR HEAVY DUTY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
		mm in	mm in	mm in	mm in		Free rolling	10 6	25 16	40 25	50 31	25 16	40 25	50 31		
		mm in	mm in	mm in	mm in		Load index	bar psi	10 6	25 16	40 25	50 31	25 16	40 25	50 31	
16.5/85-28	W13L W14L W15L	417 16.4	1423 56	626 24.6	4133 162.7	10	159A6	2.3 33	5640 12420	4990 10990	4375 9640	3940 8680	3510 7730	3075 6770	2770 6100	
							156A8									
							147A6									
							144A8									

302 TRANSPORT & GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symb.	Infl. press.	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in	mm in	mm in		bar psi	15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34	
		mm in	mm in	mm in	mm in		bar psi	15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34	
15.5-25 E2	12 12SDC	394 15.5	1227 50.3	564 22.2	3720 146.5	8	1.75	2880	2830	2780	2730	2680	2650	2630	2575	2500	
						141B	25	6340	6230	6120	6010	5900	5840	5790	5670	5510	
						10	2.25	3360	3300	3240	3180	3120	3090	3060	3000	2910	
						146B	33	7400	7270	7140	7000	6870	6810	6740	6610	6410	
						12	2.5	3640	3580	3510	3450	3380	3350	3320	3250	3150	
						149B	36	8020	7890	7730	7600	7440	7380	7310	7160	6940	
						14	2.75	3980	3910	3830	3760	3690	3660	3620	3550	3440	
						152B	40	8770	8610	8440	8280	8130	8060	7970	7820	7580	

307 G-2/L-2



GRADER



WHEEL LOADER



TELEHANDLER



Alliance 307 is a pattern developed for Grader-Loader applications. The design provides optimal traction and cut resistance and also enables the tire to have excellent self cleaning characteristics and long life.

TERRAIN



OFF ROAD SURFACE MINING



OFF ROAD CONSTRUCTION



CUT & CHIP RESISTANT COMPOUND



SPECIAL COMPOUND

SIZE	RIM	O.D. mm in	SW mm in	SLR mm in	RC mm in	PR	TYPE	Recommended Load Capacity (For Grader)		Recommended Load Capacity (For Loader/Dozer / Tele-handler)	
								Inflation Pressure	40 Km/h	Inflation Pressure	10 Km/h
14.00-24	8.00TG	1338	360	607	3910	12	TL	2.5	3075	4.25	6300
		52.7	14.2	23.9	153.9			36	6800	62	13900
13.00-24	8.00TG	1270	330	579	3728	12	TL	300	2725	4.5	5600
		50	13	22.8	146.8			44	6000	65	12300
15.5-25	12	1278	390	584	3763	12	TL	250	2650	400	5600
		50.3	15.4	23	148.2			36	5840	58	12300
17.5-25	14	1347	440	597	3940	16	TL	275	3350	475	7300
		53	17.3	23.5	155.1			40	7400	69	16100
20.5-25	17.00/2.5 X 25	1493	518	674	4445	16	TL	225	4000	350	8250
		58.8	20.4	26.5	175			33	8800	51	18200

318 SUPER GRIP

E-3/L-3



SPEED



RIGID DUMP TRUCK



RUBBER TIRE GANTRY



WATER SPRINKLER



ARTICULATED DUMP TRUCK



DOZER



WHEEL LOADER

TERRAIN



OFF ROAD SURFACE MINING



OFF ROAD CONSTRUCTION



Alliance 318 Super Grip Loader Dozer is a massive heavy-duty tire that provides better gripping in construction, mining, logging and rock service jobs. It has an all-round centre tread belt which makes it a tough tire. This tubeless tire made of nylon construction has extra wide lugs providing superior traction and long mileage. It is a non-directional tire built with a special compound that resists cuts, chipping and wear.



SPECIAL COMPOUND



HEAT RESISTANT COMPOUND

318 LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Off-the road					Hard Improved Surfaces				
		SW mm in	OD mm in				Infl. press bar psi	Recommended load, kg (lbs)				Infl. press bar psi	Recommended load, kg (lbs)			
								Speed, km/h (mph)					Speed, km/h (mph)			
								Static	5 3	10 6	25 16		Static	5 3	10 6	25 16
17.5-25 L-3	14 14SDC	444 17.5	1348 53.1	599 23.6	3940 155.1	12	3.5	9840	6950	6150	5230	4.2	11070	8920	8300	7690
						171A2	51	21670	15310	13550	11520	61	24380	19650	18280	16940
						16	4.75	11680	8250	7300	6210	5.7	13140	10590	9860	9130
						177A2	69	25730	18170	16080	13680	83	28940	23330	21720	20110
						20	5.75	13200	9320	8250	7010	6.9	14850	11960	11140	10310
						181A2	83	29070	20530	18170	15440	100	32710	26340	24540	22710
						24	7	14800	10450	9250	7860	8.4	16650	13410	12490	11560
18.00-25 L-3	13	498 19.6	1617 63.7	726 28.6	4760 187.4	185A2	102	32600	23020	20370	17310	122	36670	29540	27510	25460
						28	6.5	21760	15370	13600	11560	7.8	24480	19720	18360	17000
						199A2	94	47930	33850	29960	25460	113	53920	43440	40440	37440
						40	9.5	27200	19210	17000	14450	11.4	30600	24650	22950	21250
20.5-25 L-3	17	520 20.5	1492 58.7	658 25.9	4340 170.9	206A2	138	59910	42310	37440	31830	165	67400	54300	50550	46810
						12	2.5	10720	7570	6700	5700	3	12060	9720	9050	8380
						174A2	36	23610	16670	14760	12560	44	26560	21410	19930	18460
						16	3.5	13200	9320	8250	7010	4.2	14850	11960	11140	10310
						181A2	51	29070	20530	18170	15440	61	32710	26340	24540	22710
						20	4.5	15200	10740	9500	8080	5.4	17100	13780	12830	11880
						186A2	65	33480	23660	20930	17800	78	37670	30350	28260	26170
24	5.25	16480	11640	10300	8760	6.3	18540	14940	13910	12880						
189A2	76	36300	25640	22690	19300	91	40840	32910	30640	28370						

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Off-the road					Hard Improved Surfaces				
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)			
		mm in	mm in	mm in	mm in			bar psi	Static	Speed, km/h (mph)			bar psi	Static	Speed, km/h (mph)	
									5 3	10 6	25 16			5 3	10 6	25 16
23.5-25 L-3	19.5	597 23.5	1617 63.7	716 28.2	4720 185.8	12	2.25	12800	9040	8000	6800	2.7	14400	11600	10800	10000
						180A2	33	28190	19910	17620	14980	39	31720	25550	23790	22030
						16	3	15200	10740	9500	8080	3.6	17100	13780	12830	11880
						186A2	44	33480	23660	20930	17800	52	37670	30350	28260	26170
						20	3.75	17440	12320	10900	9270	4.5	19620	15810	14720	13630
						191A2	54	38410	27140	24010	20420	65	43220	34820	32420	30020
						28	5.5	21760	15370	13600	11560	6.6	24480	19720	18360	17000
						199A2	80	47930	33850	29960	25460	96	53920	43440	40440	37440
						20	3.5	21120	14920	13200	11220	4.2	23760	19140	17820	16500
26.5-25 L-3	22.00/3.0	673 26.5	1750 68.9	770 30.3	5080 200	198A2	51	46520	32860	29070	24710	61	52330	42160	39250	36340
						24	4	22400	15820	14000	11900	4.8	25200	20300	18900	17500
						200A2	58	49340	34850	30840	26210	70	55510	44710	41630	38550
						28	4.75	24800	17520	15500	13180	5.7	27900	22480	20930	19380
						203A2	69	54630	38590	34140	29030	83	61450	49520	46100	42690
						32	5.5	27200	19210	17000	14450	6.6	30600	24650	22950	21250
						206A2	80	59910	42310	37440	31830	96	67400	54300	50550	46810
						22	3.25	24000	16950	15000	12750	3.9	27000	21750	20250	18750
						202A2	47	52860	37330	33040	28080	57	59470	47910	44600	41300
29.5-25 L-3	25.00/3.5	750 29.5	1873 73.7	819 32.2	5420 213.4	32	5	30400	21470	19000	16150	6	34200	27550	25650	23750
						210A2	73	66960	47290	41850	35570	87	75330	60680	56500	52310

318 TRANSPORT & GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press	Recommend load, kg (lbs)										
		SW	OD					Speed, km/h (mph)										
		mm in	mm in					15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34		
17.5-25 E-3	14 14SDC	444 17.5	1348 53.1	599 23.6	3940 155.1			12	2.25	4090	4020	3940	3870	3800	3760	3720	3650	3540
								153B	33	9010	8850	8680	8520	8370	8280	8190	8040	7800
								16	3	4760	4680	4590	4510	4420	4380	4340	4250	4120
								158B	44	10480	10310	10110	9930	9740	9650	9560	9360	9070
								20	4	5600	5500	5400	5300	5200	5150	5100	5000	4850
								164B	58	12330	12110	11890	11670	11450	11340	11230	11010	10680
								24	5	6500	6380	6260	6150	6030	5970	5920	5800	5630
								169B	73	14320	14050	13790	13550	13280	13150	13040	12780	12400
18.00-25 E-3	13	498 19.6	1617 63.7	726 28.6	4760 187.4			28	5	8960	8800	8640	8480	8320	8240	8160	8000	7760
								180B	73	19740	19380	19030	18680	18330	18150	17970	17620	17090
								40	7	10920	10730	10530	10340	10140	10040	9950	9750	9460
								187B	102	24050	23630	23190	22780	22330	22110	21920	21480	20840
20.5-25 E-3	17	520 20.5	1492 58.7	658 25.9	4340 170.9			12	2	5040	4950	4860	4770	4680	4640	4590	4500	4500
								160B	29	11100	10900	10700	10510	10310	10220	10110	9910	9630
								16	2.75	6100	6000	5890	5780	5670	5610	5560	5450	5290
								167B	40	13440	13220	12970	12730	12490	12360	12250	12000	11650
								20	3.25	6720	6600	6480	6360	6240	6180	6120	6000	5820
								170B	47	14800	14540	14270	14010	13740	13610	13480	13220	12820
23.5-25 E-3	19.5	597 23.5	1617	716 28.2	4720 185.8			24	4	7500	7370	7240	7100	6970	6900	6830	6700	6500
								174B	58	16520	16230	15950	15640	15350	15200	15040	14760	14320
								16	2.25	6890	6770	6640	6520	6400	6330	6270	6150	5970
								171B	33	15180	14910	14630	14360	14100	13940	13810	13550	13150
								20	3	8180	8030	7880	7740	7590	7520	7450	7300	7080
								177B	44	18020	17690	17360	17050	16720	16560	16410	16080	15590
26.5-25 E-3	22.00/3.0	673 26.5	1750 68.9	770 30.3	5080 200			28	4	9800	9630	9450	9280	9100	9010	8930	8750	8490
								183B	58	21590	21210	20810	20440	20040	19850	19670	19270	18700
								20	2.5	9240	9080	8910	8750	8580	8500	8420	8250	8000
								181B	36	20350	20000	19630	19270	18900	18720	18550	18170	17620
								24	3	10360	10180	9990	9810	9620	9530	9440	9250	8970
								185B	44	22820	22420	22000	21610	21190	20990	20790	20370	19760
29.5-25 E-3	25.00/3.5	750 29.5	1873 73.7	819 32.2	5420 213.4			28	3.5	11200	11000	10800	10600	10400	10300	10200	10000	9700
								188B	51	24670	24230	23790	23350	22910	22690	22470	22030	21370
								32	4.25	12540	12320	12100	11870	11650	11540	11420	11200	10860
								192B	62	27620	27140	26650	26150	25660	25420	25150	24670	23920
								22	2.5	11200	11000	10800	10600	10400	10300	10200	10000	9700
								185B	36	24670	24230	23790	23350	22910	22690	22470	22030	21370
29.5-25 E-3	25.00/3.5	750 29.5	1873 73.7	819 32.2	5420 213.4			32	3.75	14370	14090	13810	13540	13270	13010	12750	12500	12130
								196B	54	31650	31040	30420	29820	29230	28660	28080	27530	26720

310

E-3/L-3/G-3



SPEED



WHEEL LOADER



GRADER



RIGID DUMP TRUCK



Alliance 310 pattern is constructed for heavy-duty jobs. The tough tread design ensures high mileage even on the most abrasive surfaces. This is a directional tire built with weather and ozone-resistant compounds. Its nylon construction gives it long life.

TERRAIN



OFF ROAD SURFACE MINING



OFF ROAD CONSTRUCTION



SPECIAL COMPOUND

310 GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symb.	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in					15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34	
16.00-24TG G-3 TG	10.00VA	432	1493	685	4450	12	2.25	3980	3910	3830	3760	3690	3650	3580	3540	-	
		17	58.8	27	175.2	153A8	33	8770	8610	8440	8280	8130	8040	7890	7800	-	
						20	3.75	5610	5510	5410	5300	5200	5150	5050	5000	-	
						165A8	54	12360	12140	11920	11670	11450	11340	11120	11010	-	

310 DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Symb.	Off-the road					Hard Improved Surfaces								
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)							
		mm in	mm in					mm in	mm in	bar psi	Speed, km/h (mph)				bar psi	Speed, km/h (mph)				
		Static	5 3					10 6	25 16		Static		5 3	10 6		25 16				
16.00-24 L-3	11.25	432	1493	685	4450	20	5.5	15600	11020	9750	8290	6.6	17550	14140	13160	12190				
						187A2	80	34360	24270	21480	18260	96	38660	31150	28990	26850				
						24	6.5	16960	11980	10600	9010	7.8	19080	15370	14310	13250				
						190A2	94	37360	26390	23350	19850	113	42030	33850	31520	29190				
16.00-25 L-3	11.25	432	1493	686	4460	28	7.5	18400	13000	11500	9780	9	20700	16680	15530	14380				
						193A2	109	40530	28630	25330	21540	131	45590	36740	34210	31670				
						32	8.75	20000	14130	12500	10630	10.5	22500	18130	16880	15630				
						196A2	127	44050	31120	27530	23410	152	49560	39930	37180	34430				

310 TRANSPORT / RDT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in					15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34	
16.00-25 E-3	11.25	432	1493	686	4460	28	5.75	7500	7370	7240	7100	6970	6900	6830	6700	6500	
						174B	83	16520	16230	15950	15640	15350	15200	15040	14760	14320	
						32	6.5	8180	8030	7880	7740	7590	7520	7450	7300	7080	
						177B	94	18020	17690	17360	17050	16720	16560	16410	16080	15590	

Bias Earth Mover

210 SUPER TRANSPORT LUG

E-2/L-2



HIGH SPEED
MOBILE CRANE



RIGID DUMP
TRUCK



FORKLIFT

TERRAIN



OFF ROAD / SURFACE MINING



Alliance 210 Super Transport Lug tire is engineered to carry heavy loads on all types of surfaces such as sand, rock, mud, snow, etc. Its special tread design provides good traction and high mileage. The cap and base tread construction coupled with a strong nylon carcass ensures smooth running and long tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circm.	PR LI/LS	Infl. press	Recommend load, kg (lbs)											
		SW	OD					Speed, km/h (mph)											
								mm in	mm in	15 9	20 12	30 19	40 25	50 31	60 37	70 44	80 50		
11.00-20 EM	8 8.00V 8.0V5° 8.5 8.50V 8.5V5°	293	1104	516	3355	D	12	5.2	3890	3540	2950	2710	2640	2600	2480	2360			
								75	8570	7800	6500	5970	5810	5730	5460	5200			
								143F	S	12	5.9	4500	4090	3410	3130	3050	3000	2860	2725
											86	9910	9010	7510	6890	6720	6610	6300	6000
								146F	D	14	6.2	4370	3980	3310	3050	2970	2920	2780	2650
											90	9630	8770	7290	6720	6540	6430	6120	5840
	146F	S	14	6.9	4950	4500	3750		3450	3360	3300	3150	3000						
				100	10900	9910	8260		7600	7400	7270	6940	6610						
	150F	D	16	7.2	4790	4350	3630		3340	3250	3190	3050	2900						
				104	10550	9580	8000		7360	7160	7030	6720	6390						
	150F	S	16	7.9	5530	5030	4190	3850	3750	3690	3520	3350							
				115	12180	11080	9230	8480	8260	8130	7750	7380							

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circm.	PR LI/LS	Infl. press	Recommend load, kg (lbs)										
		SW	OD					Speed, km/h (mph)										
		mm in	mm in					15 9	20 12	30 19	40 25	50 31	60 37	70 44	80 50			
12.00-20 EM	8.5 8.50V 8.5V5° 9 9.00V 9.0V5°	315 12.4	1145 45.1	534 21	3355 132.1	D												
						14	5.5 80	4620 10180	4200 9250	3500 7710	3220 7090	3140 6920	3080 6780	2940 6480	2800 6170			
						149F												
						S								3580				
						14	6.2 90	5360 11810	4880 10750	4060 8940	3740 8240	3640 8020	3580 7890	3410 7510	3250 7160			
						149F												
	D																	
	16	6.6 96	5200 11450	4730 10420	3940 8680	3620 7970	3530 7780	3470 7640	3310 7290	3150 6940								
	152F																	
	S																	
	16	7.2 104	5860 12910	5330 11740	4440 9780	4080 8990	3980 8770	3910 8610	3730 8220	3550 7820								
	152F																	
D																		
18	7.2 104	5530 12180	5030 11080	4190 9230	3850 8480	3750 8260	3690 8130	3520 7750	3350 7380									
154F																		
S																		
18	7.9 115	6190 13630	5630 12400	4690 10330	4310 9490	4200 9250	4130 9100	3940 8680	3750 8260									
154F																		
D																		
20	7.6 110	5810 12800	5280 11630	4400 9690	4050 8920	3940 8680	3870 8520	3700 8150	3520 7750									
156F																		
S																		
20	8.3 120	6600 14540	6000 13220	5000 11010	4600 10130	4480 9870	4400 9690	4200 9250	4000 8810									
156F																		
D																		
12	5.2 75	4500 9910	4090 9010	3410 7510	3130 6890	3050 6720	3000 6610	2860 6300	2725 6000									
147F																		
S																		
12	5.9 86	5070 11170	4610 10150	3840 8460	3540 7800	3440 7580	3380 7440	3230 7110	3075 6770									
147F																		
D																		
14	6.2 90	4950 10900	4500 9910	3750 8260	3450 7600	3360 7400	3300 7270	3150 6940	3000 6610									
151F																		
S																		
14	6.9 100	5690 12530	5180 11410	4310 9490	3970 8740	3860 8500	3800 8370	3620 7970	3450 7600									
151F																		
D																		
16	7.2 104	5360 11810	4880 10750	4060 8940	3740 8240	3640 8020	3580 7890	3410 7510	3250 7160									
154F																		
S																		
16	7.9 115	6190 13630	5630 12400	4690 10330	4310 9490	4200 9250	4130 9100	3940 8680	3750 8260									
154F																		

Bias Earth Mover



BETTER VALUE.
SMARTER CHOICE.

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circm.	PR LI/LS	Infl. press	Recommend load, kg (lbs)															
		SW	OD					Speed, km/h (mph)															
		mm in	mm in					15 9	20 12	30 19	40 25	50 31	60 37	70 44	80 50								
12.00-24 EM	8.5 8.50V 8.5V5° 9 9.00V 9.0V5°	315	1247	585	3355	132.1	bar psi	D															
								14	5.5 80	5200 11450	4730 10420	3940 8680	3620 7970	3530 7780	3470 7640	3310 7290	3150 6940						
								153F								S							
								14	6.2 90	6020 13260	5480 12070	4560 10040	4200 9250	4090 9010	4020 8850	3830 8440	3650 8040						
								153F								D							
								16	6.6 96	5860 12910	5330 11740	4440 9780	4080 8990	3980 8770	3910 8610	3730 8220	3550 7820						
								156F								S							
								16	7.2 104	6600 14540	6000 13220	5000 11010	4600 10130	4480 9870	4400 9690	4200 9250	4000 8810						
								156F								D							
								18	7.2 104	6190 13630	5630 12400	4690 10330	4310 9490	4200 9250	4130 9100	3940 8680	3750 8260						
								158F								S							
								18	7.9 115	7010 15440	6380 14050	5310 11700	4890 10770	4760 10480	4680 10310	4460 9820	4250 9360						
								158F								D							
								20	7.9 115	6600 14540	6000 13220	5000 11010	4600 10130	4480 9870	4400 9690	4200 9250	4000 8810						
								160F								S							
								20	8.6 125	7430 16370	6750 14870	5630 12400	5180 11410	5040 11100	4950 10900	4730 10420	4500 9910						
								160F								D							
								24	9.2 133	7340 16170	6680 14710	5560 12250	5120 11280	4980 10970	4900 10790	4670 10290	4450 9800						
								164F								S							
								24	10.3 149	8250 18170	7500 16520	6250 13770	5750 12670	5600 12330	5500 12110	5250 11560	5000 11010						
								164F															

PORT



Port

Pattern Sizes by Segment

Size	L/PR	311	315 Port Star Plus	318 Super Grip	505	609	309	610
280/75R22.5	172A5/168A8				●			
14.00-24	28PR						● ●	
16.00-25	32	●						
16.00R25*	**					● ●		
16.00-25*	28	●						
18.00R25*	214A5							●
18.00-25	40		●	●				
21.00-25	40	●						

- Container Handler
- RTG/AGV
- Forklift
- Terminal Tractor
- Industrial Platform
- Reach Stacker

311 IND-4



TERRAIN



311 is specially designed to weather long hours in the open while continuing to safely move the enormous RTG equipment from rest. It has a robust nylon casing, with high carcass integrity and is reinforced with high strength bead. The continuous lug pattern is specifically designed for equipments requiring high torque to start up. The optimal sidewall design reduces the flexing during operations resulting in less heat generation and therefore to long tire life.



SIZE	RIM	P.R.	TYPE	O.D.	S.W.	SLR	L.C.C.	A.P.	SP
				mm in	mm in	mm in	kgs lbs	bar psi	kmph mph
16.00-25*		28							
16.00-25	11.25	32	TL	1493 58.8	432 17	686 27	16875 37203	10 145	10 6
21.00-25	15.00/3.0	40	TL	1750 68.9	580 22.8	820 32.3	27000 59525	10 145	10 6

315 PORT STAR PLUS IND-4



The Alliance 315 Port Star Plus is designed for port applications and is engineered with extra deep tread which is the highest in the segment. The robust nylon casing and high number of plies ensures high lateral stability and high load carrying capacity. The high ground contact area ensures that the pressure on ground is much lesser than maximum permissible pressure thus resulting in long tire life and uniform wear. A strong bead bundle of the tire results in minimizing bead failure. The specially formulated tread compound and higher insulation between the plies aids in lesser heat generation thus extending the life of the tire.

TERRAIN



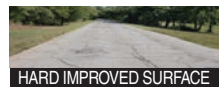
Size	Rim Width in	Unloaded dimension		Static Loaded Radius	Rolling Circum	NSD	PR	Load Capacity for Industrial (Harbour) applications					
		SW	OD					Infl. Pressure	static	1 kmph	5 kmph	10 kmph	25 kmph
		mm in	mm in						bar/(psi)	Max Load Capacity kgs/(lbs)	Max Load Capacity kgs/(lbs)	Max Load Capacity kgs/(lbs)	Max Load Capacity kgs/(lbs)
18.00-25 E 4.5	13	505 19.9	1673 65.9	762 30	4952 195	65.7 2.6	40	10 145	30600 67460	27200 59965	24650 54345	22950 50595	21250 46845

318 SUPER GRIP IND-4



Alliance 318 Super Grip is designed for port use (paved surface). This tire is designed especially for Rubber Tire Gantry. High tread to void ratio and larger tread width provides very high ground contact area for good traction on paved surfaces.

TERRAIN



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Load Capacity for Industrial (Harbour) applications				
		SW	OD						25 kmph	10 kmph	5 kmph	1 kmph	Static
		mm in	mm in						Max Load Capacity kgs / lbs	Max Load Capacity kgs / lbs	Max Load Capacity kgs / lbs	Max Load Capacity kgs / lbs	Max Load Capacity kgs / lbs
18.00-25 E-3	13	498 19.6	1617 63.7	726 28.6	4760 187.4	40	-	10 145	21250 46845	22950 50595	24650 54345	27200 59965	30600 67460

Port

609 IND-4



609 is a radial construction tire that allows the sidewall and the tread to function as two independent features of the tire. The sidewall flex is not transmitted to the tread ensuring the footprint only lengthens with minimal transversal slip. The increased flexibility and strength helps in absorbing shocks. Reinforced tread and sidewalls combined with casing specially designed for port applications provide effective protection against damage and abrasion. It also results in low operational costs and improved productivity.



INDUSTRIAL FORKLIFT



CONTAINER HANDLER

TERRAIN



HARD IMPROVED SURFACE



ALL STEEL



SPECIAL COMPOUND

SIZE	P.R.	TYPE	RIM	O.D.	S.W.	SLR	L.C.C.	A.P.	SP
				mm in	mm in	mm in	kgs lbs	bar psi	kmph mph
16.00R25*	**	TL	11.25/2.0	1525	434	684	15000	10	25
				60	17.1	26.9	33069	145	16

610 IND-4



SPEED



Alliance 610 is highly versatile and modern design tire. It has strong casing due to reinforced tread and sidewalls. The 610 gives effective protection against damage and abrasion. It also has lower operational cost and hence improved productivity. Radial construction allows the sidewall and the tread to function as two independent features of the tire; sidewall flex does not transmit to the tread ensuring the footprint only lengthens with minimal transversal slip and increases its shock absorbing strength.



REACH STACKER



ALL STEEL



SPECIAL COMPOUND

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	NSD Tread Depth	Load Index Speed Symb.	Speed	For all axles									
		SW	OD						Inflation Pressure bar (psi)									
		mm in	mm in						6	6.5	7	7.5	8	8.5	9	9.5	10	
18.00R25*								214A5	6	6.5	7	7.5	8	8.5	9	9.5	10	145

UNDER DEVELOPMENT

UNDERGROUND MINING AND SEVERE SERVICES



UGM &
Mobile Crane

314 MINE SERVICE L-5S



The Alliance 314 Mine Service tire is designed for the most demanding underground mining applications. It has extra, ultra deep treads to ensure long wear in highly abrasive surfaces. The robust nylon carcass with higher number of actual plies enhances tire strength, penetration protection and load carrying capacity. Its specially formulated tread compound gives superior protection and exceptional tread life. The extra wide reinforced bead with superior compound reduces bead failure during high load operations. The tire's wide and flat tread profile results in large ground contact area that provides high traction and enhanced load carrying capacity.



LOAD HAUL DUMPER



WHEEL LOADER

TERRAIN



OFF ROAD SURFACE MINING



SEVERE ROCKY SURFACE



OFF ROAD UNDERGROUND MINING



CUT & CHIP RESISTANT COMPOUND



SPECIAL COMPOUND



WEAR RESISTANT COMPOUND

Size	Rim Width in	Unloaded Dimension		Static Loaded Radius	Rolling Circum	PR	Load Capacity for Underground Mining applications					
		SW	OD				Infl. Pressure	25 kmph	10 kmph	5 kmph	1 kmph	Static
								Max Load Capacity	Max Load Capacity	Max Load Capacity	Max Load Capacity	Max Load Capacity
		mm in	mm in				bar psi	kgs lbs	kgs lbs	kgs lbs	kgs lbs	kgs lbs
12.00-24	8.5	310	1270	590	3750	20	8.25	5865	6900	7800	8970	11040
		12.2	50	23.2	147.6		120	12930	15210	17190	19775	24340

Pattern Sizes by Segment

Size	L/PR	314
12.00-24	20	● ●

● Load Dumper ● Wheel Loader

MOBILE CRANE



Pattern Sizes by Segment

Size	L/PP	630 Mobile Crane	636 Mobile Crane	639 Mobile Crane
16.00R25	177E	●		
385/95R25	170F			● ●
385/95R25	170E		● ●	

● Mobile Crane ● Power train

630 **E-3** **E**
SPEED



TERRAIN



Alliance 630 has been designed to meet the requirement of comfort in high-speed crane applications, as well as, to enable efficient operations in off the road applications. A specific non-directional tread pattern enables precise steering response, reduces noise and enables high driving comfort. Strong all-steel casing combined with low heat-build-up tread rubber compound enables long and efficient tire life.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Infl. press	Recommend load, kg (lbs)											
		SW	OD					Speed, km/h (mph)											
		mm in	mm in	mm in	mm in	bar psi	Static	5 3	10 6	20 12	30 19	40 25	50 31	60 40	70 44	80 50	90 56	100 62	
16.00R25 All Steel	11.25/2.0	435 17.1	1486 58.5	691 27.2	4470 176	177E	9 131	20810 45840	16790 36980	13510 29760	10220 22510	9490 20900	9050 19930	8610 18960	7740 17050	7300 16080	5990 13190	5110 11260	4380 9650

EXCAVATOR

Pattern Sizes by Segment

Size	L/PR	225	331	380	390	506 Dual Master	528 Dual Master	624	224	839	344
18-19.5	16PR								●		
	18PR								●		
445/70R19.5	173A8/160A8							●●●			
10.00-20	16PR									●	
	12PR	●●									
	14PR	●●									
11.00-20	16PR	●●									
	12PR	●●									
	16PR	●●									
12.5-20MPT	6PR	●●									
	8PR	●●									
	10PR	●●									
500/45-20	162A7/160A8		●								
	164A6		●								
8.25-20	12PR	●●									
	10PR	●●									
	12PR	●●									
9.00-20	14PR	●●									
	12PR	●●									
	14PR	●●									
	12PR	●●									
15-22.5	14PR	●●									
	16PR	●●									
	22PR	●●									
	154A8										
315/80R22.5	154A8										
	154A8					●					
445/70R22.5	175A8/182A2										
500/45R22.5MPT	154F				●						
600/40-22.5	175A6/171A8										●
	171A7/169A8		●								
	173A6		●								
600/50-22.5	172A7/170A8		●								
	174A6		●								
	174A8/171B				●						
	166F				●						
620/40R22.5	169A8/171A8			●							
650/45-22.5	171A7/169A8		●								
	173A6		●								
700/40-22.5	175A7/173A8		●								
	177A6		●								

● Telehandler ● Compact Loader ● Agricultural Dump Truck ● Excavator ● Dump Truck

390

I-2



FLOTATION

SPEED

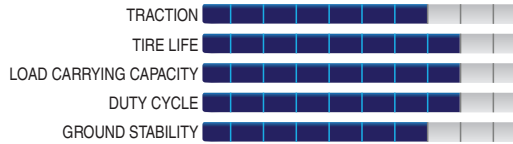


EXCAVATOR



The Alliance 390 heavy duty is a special construction tires for hard work in tough environments. It is developed to carry heavy loads on tough terrain conditions. The tire gives excellent machine stability, comfortable ride and traction and better overall performance on the road. The steel belts in the tire make it a tough tire for tough terrains. Special compounds like wear resistant compound and puncture resistant compound result in an increased tire life.

TERRAIN



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum.	Load Index Speed Symbol	Infi. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Mixed application							
								mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
600/50R22.5		605	1168	527.3	3450	174A8	6.5	15410	8380	7100	6970	6700	6150	-	-
Heavy Duty Industrial	20.0DC	23.8	46	20.8	135.8	171B	94	33940	18460	15640	15350	14760	13550	-	-

MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum.	LI/LS	Infi. press	Recommend load, kg (lbs)										
		SW	OD					Speed, km/h (mph)										
								Mixed application										
								mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
500/45R22.5 MPT ALL STEEL	AG16.00	508	1025	472	3157	154F	6	9380	6750	-	5060	4690	4310	4200	4130	4030	3940	3750
		20	40.4	18.6	124.3		87	20660	14870	-	11150	10330	9490	9250	9100	8880	8680	8260
600/50R22.5 MPT	20.0DC	585	1180	539	3510	166F	6	13250	9540	8745	7155	6625	6095	5936	5830	5698	5565	5300
		23	46.5	21.2	138.2		87	29190	21010	19260	15760	14590	13430	13070	12840	12550	12260	11670



380

FLOTATION

I-2

A8

SPEED



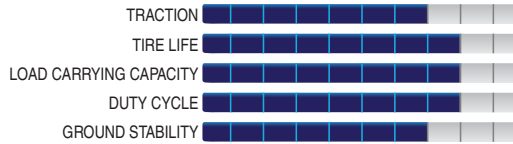
EXCAVATOR



TERRAIN



Alliance 380 is a heavy duty radial flotation tire suitable for excavators, developed to carry heavy loads on tough terrain conditions. Special non-directional tread pattern enables equal traction and steering capability in forward and backward driving directions. The tire is successfully replacing dual configuration for wheeled excavators. In addition, the tire gives excellent machine stability, comfortable ride, good machine mobility, better self-cleaning and traction, and better overall performance on the road. Unique sidewall construction enables high side machine stability and tilt characteristics, while steel breakers efficiently prevent punctures and enable uniform ground stress distribution.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Mixed application							
								Bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 37
620/40R22.5	20.00DC	605	1085	491	3340	169A8	6.5	13630	8120	6900	6500	5800	5510	-	-
		23.8	42.7	19.3	131.5		94	30020	17890	15200	14320	12780	12140	-	-
							7	14450	8610	7320	6900	6150	5840	-	-
						171A8	102	31830	18960	16120	15200	13550	12860	-	-

506 DUAL MASTER



Alliance 506 Dual Master's sidewall construction enables close contact between two tires excluding necessity to mount a special rubber ring in order to prevent stone penetration between the tires. Radial tire construction enables long tread life, comfortable run and low fuel consumption. Its strong all steel carcass provides machine stability, good puncture protection and re-treadability of tires. Shoulder lugs provide efficient grip on soft surfaces. More rubber around the center line provides smooth and stable behavior on hard surfaces.

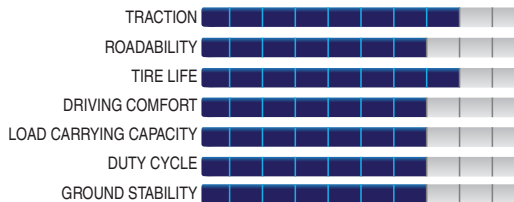


Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum.	Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								For Single tire on Dual Application							
		mm in	mm in					Static	10 6	20 12	25 16	30 19	40 25	50 31	
315/80R22.5	9	330	1098	511	3387	154A8	8.5	8810	5250	4730	4460	4200	3750	3380	
		13	43.2	20.1	133.3			123	19410	11560	10420	9820	9250	8260	7440

528 DUAL MASTER



Alliance 528 Dual Master's sidewall construction enables close contact between two tires excluding necessity to mount a special rubber ring in order to prevent stone penetration between the tires. Radial tire construction enables long tread life, comfortable run and low fuel consumption. Its strong all steel carcass provides machine stability, good puncture protection and re-treadability of tires. The 528 tread pattern belongs to the moderate traction group, providing effective performances on both, on and off road applications. Shoulder lugs provide efficient grip on soft surfaces.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum.	Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								For Single Application *							
		mm in	mm in					Static	10 6	20 12	25 16	30 19	40 25	50 31	
315/80R22.5	9	330	1100	512	3371	154A8	8.5	8810	5250	4730	4460	4200	3750	3380	
		13	43.3	20.2	132.7			123	19410	11560	10420	9820	9250	8260	7440

225

E-2



SPEED

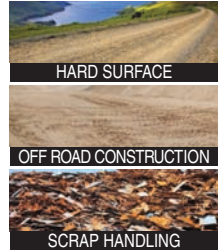


EXCAVATOR



COMPACT
LOADER

TERRAIN



The tread pattern of 225 MPT is designed for self-cleaning as well as for smooth on road driving. The diagonal lug design of the tire provides best traction in all services, terrain and weather conditions besides improving resistance to side slips. Its wide based design provides high flotation properties and permits low inflation pressure. For free rolling on road service, it is recommended to mount tires in opposite direction than usual, for better mileage.



SPECIAL
COMPOUND



HEAT
RESISTANT
COMPOUND



CUT&CHIP
RESISTANT
COMPOUND

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)																							
		SW	OD					Speed, km/h (mph)																							
								Static	5 3	10 6	20 12	25 16	30 19	40 25	45 28	50 31															
8.25-20ML	6.5	234	985	467	3000	12 134B	6.2	4260	2960	2480	2400	2350	2330	2250	2160	2120															
	6.50T																9.2	38.8	18.4	118.1	90	9380	6520	5460	5290	5180	5130	4960	4760	4670	
9.00-20ML	7	256	1035	491	3150	124	10	5.2	4490	3120	2620	2530	2490	2460	2370	2280	2240														
	7.00T																	10.1	40.7	19.3	136B	75	9890	6870	5770	5570	5480	5420	5220	5020	4930
	7.0T5*																				12	6.2	5020	3490	2930	2830	2780	2750	2650	2550	2500
	7.5																				14	7.2	5630	3920	3290	3170	3120	3090	2970	2860	2800
	7.5V																				144B	104	12400	8630	7250	6980	6870	6810	6540	6300	6170
7.5T5*	12	5.2	5180	3600	3020	2920	2870	2840	2740	2630	2575																				
10.00-20ML ML-2	7.5	275	1065	505	3240	127.6	141B	75	11410	7930	6650	6430	6320	6260	6040	5790	5670														
	7.50V																	14	6.6	5830	4060	3400	3290	3230	3200	3080	2960	2900			
	8																	145B	96	12840	8940	7490	7250	7110	7050	6780	6520	6390			
	8.00V																	16	7.5	6300	4410	3685	-	3495	-	3340	-	3150			
	8.0V5*																	148B	100	13880	9723	8124	-	7705	-	7304	-	6945			
11.00-20ML ML-2	8	291	1095	517	3320	130.7	12	5.5	5830	4060	3400	3290	3230	3200	3080	2960	2900														
	8.00V																	145B	80	12840	8940	7490	7250	7110	7050	6780	6520	6390			
	8.0V5*																	16	7.2	7330	5100	4280	4130	4050	4020	3870	3720	3650			
	8.5																	153B	104	16150	11230	9430	9100	8920	8850	8520	8190	8040			
	8.50V																	12	5	6740	4690	3930	3800	3730	3690	3560	3420	3350			
8.5V5*	150B	73	14850	10330	8660	8370	8220	8130	7840	7530	7380																				
15-22.5ML ML-2	11.75	388	1095	508	3290	129.5	14	6	7550	5250	4400	4250	4170	4140	3980	3830	3750														
	12.25																	154B	87	16630	11560	9690	9360	9190	9120	8770	8440	8260			
	15																	16	7.25	8550	5950	4990	4820	4730	4690	4510	4340	4250			
	158B																	105	18830	13110	10990	10620	10420	10330	9930	9560	9360				
	22																	9.6	10050	6990	5870	5660	5560	5510	5300	5100	5000				
164B	139	22140	15400	12930	12470	12250	12140	11670	11230	11010																					

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
		mm in	mm in	mm in	mm in		Speed Symbol	bar psi	15 9	20 12	30 19	40 25	50 31	60 37	70 44	80 50	90 56
12.5-20MPT	11	325	1040	475	3090	10	131F	3	3220	2930	2440	2240	2180	2150	2090	1950	—
		12.8	40.9	18.7	121.7			44	7090	6450	5370	4930	4800	4740	4600	4300	—
12.5-20	11	325 12.8	1040 40.9	475 18.7	3090 121.7	6	127F	2.5	2890	2630	2190	2010	1960	1930	1870	1750	—
								36	6370	5790	4820	4430	4320	4250	4120	3850	—
						8	131F	3	3220	2930	2440	2240	2180	2150	2090	1950	—
								44	7090	6450	5370	4930	4800	4740	4600	4300	—
						10	133F	3.5	3400	3090	2580	2370	2310	2270	2200	2060	—
								51	7490	6810	5680	5220	5090	5000	4850	4540	—

224

E-2

B

SPEED



EXCAVATOR

TERRAIN



Alliance 224 Construction Machinery tire is a wide base tire that is designed for cranes, dump trucks and excavators. It provides excellent traction in all working conditions as well as resistance to side slips. For best results in running wheels of vehicles engaged in on road applications, it is recommended to mount the tires in the opposite direction than usual.



SPECIAL COMPOUND

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in					Static	5 3	10 6	20 12	25 16	30 19	40 25	45 28	50 31	
18-19.5	14	457	1080	495	3220	16	5.9	-	-	6840	-	6040	-	5300	-	-	
	13	457	1080	495	3220	16	8.6	-	-	15070	-	13300	-	11670	-	-	
		18	42.5	19.5	126.8	18	7.25	10340	7190	6040	5830	5720	5670	5460	5250	5150	
						165B	105	22780	15840	13300	12840	12600	12490	12030	11560	11340	

624

R-4

A8

SPEED



EXCAVATOR



COMPACT LOADER

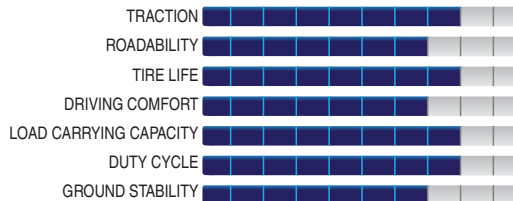


TELEHANDLR

TERRAIN



Alliance 624 is a unique tire for various machines. It has an all-steel radial construction with a wide base and mud releaser. It has massive lugs with steep angles close to the central line, lower angles close to shoulders, massive centre blocks, robust sidewall construction with rim guards and reinforced shoulder area.



SPECIAL COMPOUND



ALL STEEL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling circ. RCI	Load Index Speed Symbol	Infl. press	Recommended load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in					Constant Load					Cyclic Applications*				
		mm in	mm in	mm in	mm in	mm in	bar psi	Static	5 3	10 6	25 16	30 19	35 22	40 25	5*** 3	10** 6	15 9
445/70R19.5	14	445	1105	497	3385	173A8 160A8*	7.5	14950	9610	8000	6890	6760	6630	6500	10860	9750	8710
445/70R22.5 (18R22.5)	14	454	1195	539.2	3525	175A8 182A2	7.5	15870	10010	8500	7310	7180	7040	6900	11520	10350	9250
		17.9	47	21.2	138.8		109	34960	22050	18720	16100	15810	15510	15200	25370	22800	20370

331

I-3

A8

FLOTATION

SPEED

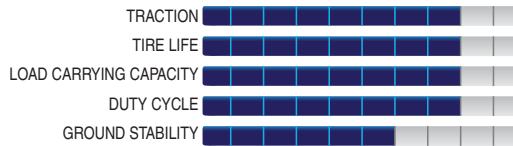


EXCAVATOR

TERRAIN



Alliance 331 Heavy Duty Flotation tread design is basically a high traction profile with good self cleaning characteristics suitable for on/off road service. High load carrying capacity and low inflation pressure is the main characteristic of this tire. Strong nylon construction and compounds ensure long tire life.



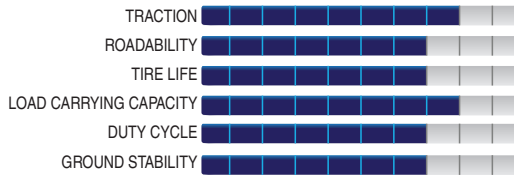
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press bar psi	Recommend load, kg (lbs)									
		SW mm in	OD mm in					Speed, km/h (mph)									
								Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25	50 31	
500/45-20	16.00DC	490	980	446	2910	164A6	6	7430	6980	5990	5670	5360	5040	4750	4500	4050	
		19.3	38.6	17.6	114.6	162A7	87	16370	15370	13190	12490	11810	11100	10460	9910	8920	
						160A8											
600/40-22.5 Available with steel breaker	20.00DC	600	1100	505	3280	173A6	6	9570	8990	7710	7310	6900	6500	6150	5800	5220	
		23.6	43.3	19.9	129.1	171A7	87	21080	19800	16980	16100	15200	14320	13550	12780	11500	
						169A8											
600/50-22.5	20.00DC	600	1170	533	3470	174A6	6	9900	9300	7980	7560	7140	6720	6300	6000	5400	
		23.6	46.1	21	136.6	172A7	87	21810	20480	17580	16650	15730	14800	13880	13220	11890	
						170A8											
650/45-22.5	20.00DC	645	1170	535	3567	173A6	4.5	9570	8990	7710	7310	6900	6500	6150	5800	5220	
		25.4	46.1	21.1	140.4	171A7	65	21080	19800	16980	16100	15200	14320	13550	12780	11500	
						169A8											
700/40-22.5	24.00DC	700	1230	559	3650	177A6	6	10730	10080	8650	8190	7740	7300	6900	6500	5850	
		27.6	48.4	22	143.7	175A7	87	23630	22200	19050	18040	17050	16080	15200	14320	12890	
						173A8											

344 LS-2 A8

SPEED



The Alliance 344, Heavy Duty flotation tire has been developed for excavators to carry heavy loads on tough terrain conditions. The tire successfully replaces the traditional dual-wheels configuration. The tire gives excellent traction, machine stability and better self-cleaning. In addition, the steel breaker construction efficiently prevents punctures and enables uniform ground stress distribution.



TERRAIN



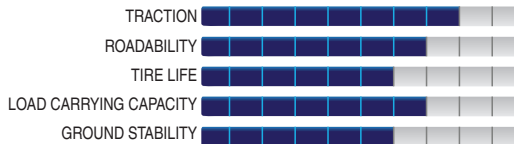
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press	Recommended load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in					Static	5 3	10 6	25 16	30 19	35 22	40 25	5*** 3	10** 6	
600/40-22.5	AG20.00	590 23.2	1090 42.9	500 19.7	3358 132.2	175A6 171A8	7 102	10150 22360	9530 20990	8180 18020	7750 17070	7320 16120	6890 15180	6520 14360	6150 13550	5540 12200	

839 R-4 B

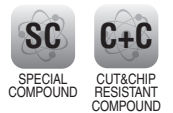
SPEED



Alliance 839 has strong carcass construction that provides good puncture resistance & stability. Improved tread design gives good traction in off road conditions and improved tread life, in addition to excellent self-cleaning and smooth driving experience.



TERRAIN



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD						Speed, km/h (mph)									
		mm in	mm in						5 3	10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31	
10.00-20 NHS	7.5	275 10.8	1070 42.1	493 19.4	3230 127.2	16	148B	7.5 109	6300 13880	4410 9720	3685 8125	3560 7850	3495 7705	3465 7640	3340 7365	3215 7085	3150 6950	

PAVER & COMPACTOR





BETTER VALUE.
SMARTER CHOICE.

Pattern Sizes by Segment

Size	L/PR	330	329
13.50-16.1	10PR		● ● ● ●
	12PR		● ● ● ●
	8PR		● ● ● ●
14.9-24	6PR		● ● ● ●
	8PR		● ● ● ●
16.9-24	6PR		● ● ● ●
	8PR		● ● ● ●
18.4-26	6PR		● ● ● ●
	10PR		● ● ● ●
	12PR		● ● ● ●
23.1-26	10PR		● ● ● ●
	12PR	● ● ● ●	● ● ● ●
	16PR	● ● ● ●	● ● ● ●
	18PR	● ● ● ●	
	8PR	● ● ● ●	
28L-26	12PR	● ● ● ●	
	16PR	● ● ● ●	● ● ● ●
13.6-28	6PR		● ● ● ●
	8PR		● ● ● ●

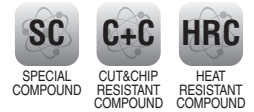
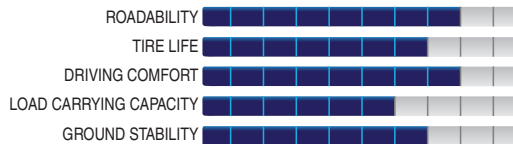
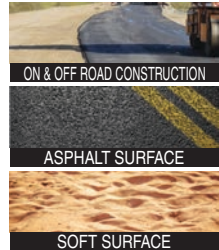
● MFWA ● 2 WD Tractors ● 4 WD Tractors ● Utility Tractor ● Compactor

329 **R-3** **A8**
SPEED



The Alliance 329 is a diamond tread design tire built with a strong nylon construction. Its wide and extended tread protects shoulders and sidewalls against cutting and side snagging. The special cut and chip resistant compound and heat resistant compound and the tire's strong nylon construction provide long life.

TERRAIN



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Not high and sustained torque; Road transport					Field operation				
													Low Torque		High Tor		
mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12	10 6				
14.9-24	W13	394	1241	569	3698	6	1.4	3570	2330	1720	1660	1550	1410	2170	1860	1660	
						123A8	20	7860	5130	3790	3660	3410	3110	4780	4100	3660	
	W12	15.5	48.9	22.4	145.6	8	1.8	4140	2700	2000	1930	1800	1640	2520	2160	1930	
						128A8	26	9120	5950	4410	4250	3960	3610	5550	4760	4250	
16.9-24	W15L	442	1309	579	3814	6	1.3	4030	2630	1940	1870	1750	1590	2450	2100	1870	
						127A8	19	8880	5790	4270	4120	3850	3500	5400	4630	4120	
						8	1.7	4740	3090	2290	2200	2060	1870	2880	2470	2200	
						133A8	25	10440	6810	5040	4850	4540	4120	6340	5440	4850	
18.4-26	W16L DW16 W15L	480	1426	645	4213	6	1.1	4600	3000	2220	2140	2000	1820	2800	2400	2140	
						132A8	16	10130	6610	4890	4710	4410	4010	6170	5290	4710	
						10	1.8	6100	3980	2940	2840	2650	2410	3710	3180	2840	
						142A8	26	13440	8770	6480	6260	5840	5310	8170	7000	6260	
						12	2.3	6900	4500	3330	3210	3000	2730	4200	3600	3210	
						146A8	33	15200	9910	7330	7070	6610	6010	9250	7930	7070	
23.1-26	DW20	587	1560	690	4545	10	1.4	7480	4880	3610	3480	3250	2960	4550	3900	3480	
						149A8	20	16480	10750	7950	7670	7160	6520	10020	8590	7670	
						12	1.7	8400	5480	4050	3910	3650	3320	5110	4380	3910	
						153A8	25	18500	12070	8920	8610	8040	7310	11260	9650	8610	
						16	2.3	10060	6560	4860	4680	4375	3980	6130	5250	4680	
						159A8	33	22160	14450	10700	10310	9640	8770	13500	11560	10310	

329 COMPACTOR & TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		Speed, km/h (mph)							Field operation							
		Not high and sustained torque; Road transport						Low Torque		High Tor						
		SW	OD					Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12	10 6
mm in	mm in	mm in	mm in	mm in	mm in	bar psi	kg	lbs	kg	lbs	kg	lbs				
28L-26	DW25A	714	1590	702	4627	16	2	10350	6750	5000	4820	4500	4100	6300	5400	4820
		28.1	62.6	27.6	182.2	160A8	29	22800	14870	11010	10620	9910	9030	13880	11890	10620
13.6-28	W12 w11	345	1311	610	3942	6	1.6	3340	2180	1610	1550	1450	1320	2030	1740	1550
		13.6	51.6	24	155.2	121 A8	23	7360	4800	3550	3410	3190	2910	4470	3830	3410
		8	2	3910	2550	1890	1820	1700	1550	2380	2040	1820				
		126A8	29	8610	5620	4160	4010	3740	3410	5240	4490	4010				

329 I-2 COMPACTOR & IMPLEMENT

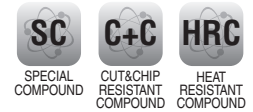
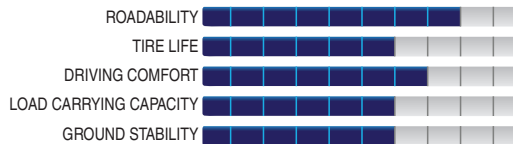
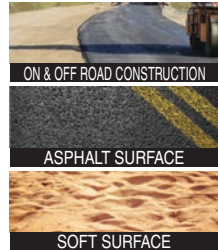
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		Speed, km/h (mph)							Drive Wheel									
		Free rolling							Drive Wheel									
		SW	OD						10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31		
mm in	mm in	mm in	mm in	mm in	mm in	bar psi	kg	lbs	kg	lbs	kg	lbs						
13.50-16.1SL SL	W11C	353	1021	450	2970	8	131A8	⊖										
		13.9	40.2	17.7	116.9	127 B	⊖	2.2	2730	2320	1950	1760	1900	1620	1360	1220		
						119A8	⊖	32	6010	5110	4300	3880	4190	3570	3000	2690		
						115 B	⊖											
						10	136A8	⊖										
						132 B	⊖	2.8	3140	2670	2240	2020	2170	1840	1550	1400		
						123A8	⊖	41	6920	5880	4930	4450	4780	4050	3410	3080		
						120 B	⊖											
						12	138A8	⊖										
						134 B	⊖	3	3300	2810	2360	2120	2310	1960	1650	1490		
						125A8	⊖	44	7270	6190	5200	4670	5090	4320	3630	3280		
						122 B	⊖											

330 **R-3** **A8**
SPEED



The Alliance 330 Drive Wheel is a multi-purpose tire designed to provide high load capacity, significant traction and smooth ride comfort. It is suitable for on-the-road, industrial and road construction equipments. The strong nylon construction, rugged design, and ozone resistant compounds provide long tread life.

TERRAIN



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Not high and sustained torque; Road transport					Field operation			
		mm in	mm in					mm in	mm in	Speed Symbol	Bar psi	Static	10 6	25 16	30 19	40 25
23.1-26	DW20	587 23.1	1560 61.4	690 27.2	4545 178.9	8	1.1	6670	4350	3220	3100	2900	2640	4060	3480	3100
						145A8	16	14690	9580	7090	6830	6390	5810	8940	7670	6830
						12	1.7	8400	5480	4050	3910	3650	3320	5110	4380	3910
						153A8	25	18500	12070	8920	8610	8040	7310	11260	9650	8610
						16	2.3	10060	6560	4860	4680	4375	3980	6130	5250	4680
28L-26	DW25A	714 28.1	1590 62.6	702 27.6	4627 182.2	159A8	33	22160	14450	10700	10310	9640	8770	13500	11560	10310
						12	1.4	8630	5630	4160	4010	3750	3410	5250	4500	4010
						154A8	20	19010	12400	9160	8830	8260	7510	11560	9910	8830
						16	2	10350	6750	5000	4820	4500	4100	6300	5400	4820
						160A8	29	22800	14870	11010	10620	9910	9030	13880	11890	10620

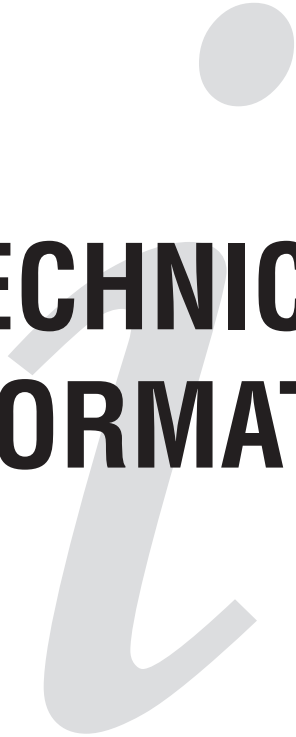


BETTER VALUE.
SMARTER CHOICE.

330 COMPACTOR & TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Infi press Bar psi	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	Free Rolling				Drive Wheel								
				mm in	mm in			Static	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31
23.1-26	DW20	587 23.1	1560 61.4	690 27.2	4545 178.9	12	1.7	12020	6530	5540	5225	4750	5940	5040	4750	4320
						162A8	25	26480	14380	12200	11510	10460	13080	11100	10460	9520
						16	2.3	14170	7700	6530	6160	5610	7000	5940	5600	5100
						168A8	33	31210	16960	14380	13570	12360	15420	13080	12330	11230
28L-26	DW25A	714 28.1	1590 62.6	702 27.6	4627 182.2	12	1.6	13790	7490	6350	5995	5460	6810	5780	5450	4960
						167A8	23	30370	16500	13990	13200	12030	15000	12730	12000	10930
						16	2.2	16450	8940	7580	7150	6510	8130	6890	6500	5920
						173A8	32	36230	19690	16700	15750	14340	17910	15180	14320	13040

* Available in OD = 61 (1550 mm) defined as B-61.



**TECHNICAL
INFORMATION**

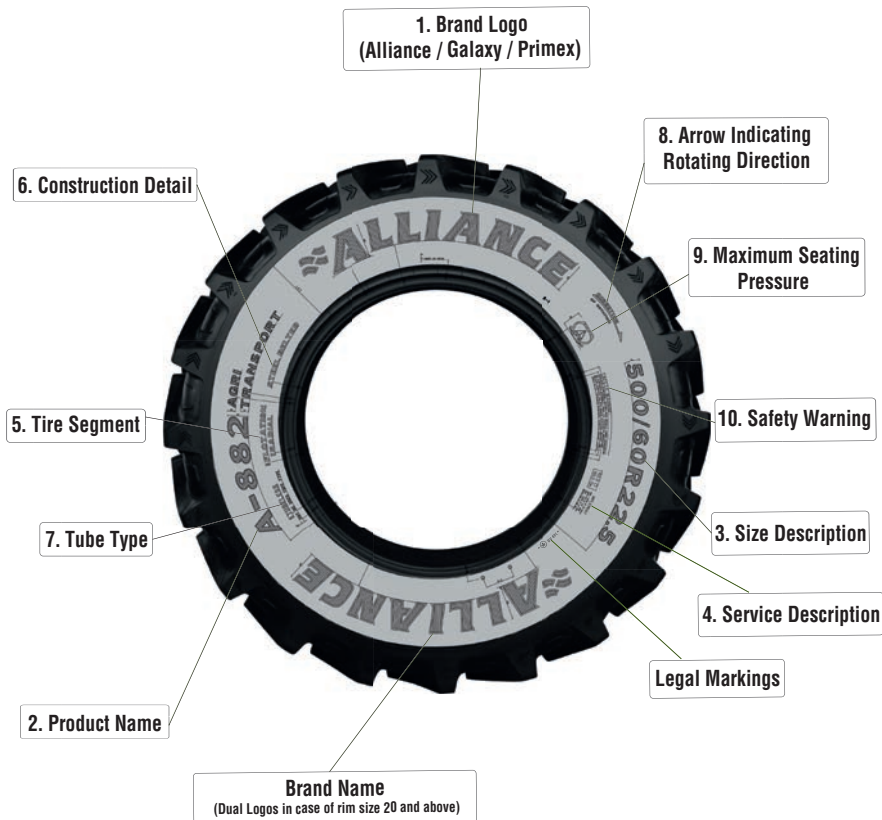
Tire Markings

A series of numbers and codes are internationally used for the identification of tire structures, dimensions and main applications. This group of codes and numbers is collectively known as the “markings” and permits precise identification of the tire.

Here are some examples:

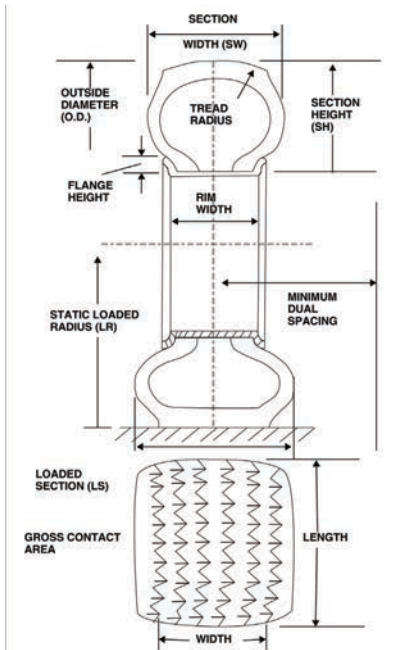
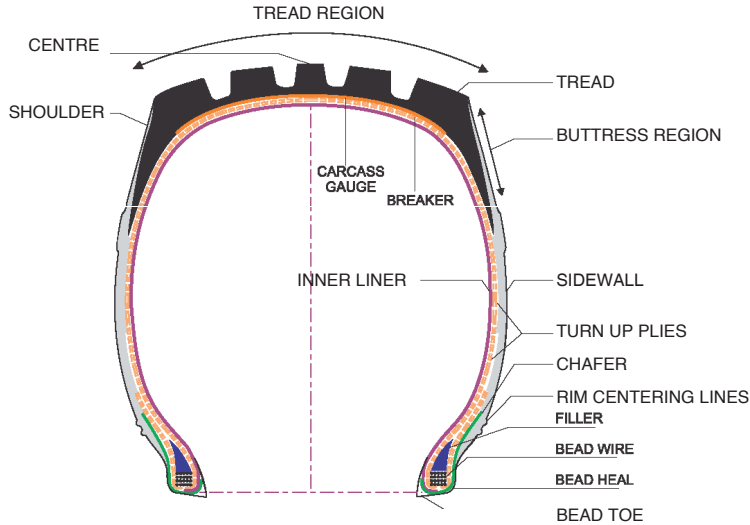
1	ALLIANCE	Brand name and / or manufacturer's name
2	580 or 372 IF	Product name (tread pattern identification)
3 a	SIZE DESCRIPTION 600/65R38 600/60-30.5 520/70B30	Metric tyre size designation 600 = section width (mm) 65 = aspect ratio between section height and section width (%) R = radial construction 38 = rim diameter (inch) - = cross ply construction B = bias belted construction
b	650/60-26.5 LS2	Metric tyre size designation for forestry tyres LS = log service 2 = tread depth code
c	7.50-16	Coded tyre size designation 7.50 = section width (inch) - = cross ply construction 16 = rim diameter (inch)
d	20.5x10.0-10	American tyre size designation 20.5 = overall diameter (inch) x = versus 10.0 = section width (inch) - = cross-ply construction 10 = rim diameter (inch)
4 a	157 A8 154 B	Service description 157 = load index for the tyres nominal load capacity A8 = speed symbol for the tyres nominal speed 154 = additional load index at max speed B = additional speed symbol for max speed
b	8 PR	Tyre carcass strength identification 8 = strength index PR = ply rating (but does not necessarily represent the number of cord plies in the tyre)
4 c	166 A8 154 A8	Service description (implement) Load index and speed symbols as 4.a free rolling tyre driving tyre
d	161A8 HT 161 A2 LT 168 A2	Service description (forestry) Load index and speed symbols as 4.a 161 A8 = service on road HT 161 A2 = High Torque service (skidders) LT 168 A2 = Low Torque service (forwarders, harvesters)
e	99J	Service description (high speed trailer) Load index and speed symbols as 4.a

5	IMP or other	<p>Service type identification</p> <p>IMP = Implement</p> <p>Other service identifications are: FORESTRY = tyres for forestry machines</p> <p>AGROFOREST = tyres for mixed agri and forestry service</p> <p>AMPT = Agricultural Multi Purpose Tyre : tyres for a high rate of road service up to 65 Km/h</p> <p>LOADER = tyres for wheel loaders and back hoe loaders</p> <p>GARDEN TRACTOR = tyres for gentle service on green surfaces INDUSTRIAL = tyres for industrial service</p> <p>FRT = Free Rolling Tyre: commercial vehicle tyre used as high speed implement trailer tyre</p>
6	STEEL BELT	The tyre has a belt of steel cord (forestry tyres)
7	TUBELESS	Tyre to be used without a tube (some tubeless tyres are marked that they are allowed to be used with a tube)
8		Arrow indicating rotating direction of a traction tyre in driving service
9		Pictogram showing the max seating pressure (varies for different type of tyres)
10	SAFETY WARNING	Warning text which states the items to be paid attention to when fitting the tyre
11	E 16	ECE type approval mark and number (often called "e-marking")
106R-00 0001		



Basic Tire and Rim Terms

CONSTRUCTION AND COMPONENT PARTS



TIRE DEFINITIONS

Overall Diameter (OD)

Inflated diameter of the Tire under reference tire pressure.

This parameter is measured after the tire is properly mounted on the reference rim and inflated at the pressure recommended by the manufacturer for at least 24 hours without any load.

Overall Width (OW)

Inflated width of the Tire under reference Tire pressure on the sidewalls.

Section Width (SW)

Inflated width of the Tire under reference Tire pressure excluding any bars, letters or design embossed on the sidewalls. The section width is measured after the tire is properly mounted on the reference rim and inflated at the pressure recommended by the manufacturer for at least 24 hours without any load.

Static Loaded Radius

It is the minimum radius acquired by the Tire under reference load and pressure at static condition.

Tread Width

The distance between the extreme edges of the tread, as measured at the surface of the tread.

Nominal Rim Diameter

Outer diameter of bead seat area of rim flange.

Section Height = Overall Tire Diameter – Nominal Rim Diameter

Rim Width

The distance between flanges of the rim.

Load Index

The load index is a numeric code that defines the tire's maximum loading capacity in kg. For each tire type/size, the loading capacity is always related to a specific inflation pressure as defined by ETRTO standards and manufacturer specifications. A uniform method to report the load-carrying capacity of a tire.

When comparing tires, the higher the load index number, the higher the load capacity.

Speed Code

The speed code is a symbol that indicates the maximum speed admitted at the given load index, following any other specific conditions defined by the tire manufacturer.

Corresponding Tire Sizes

ETRTO - SRI	Standard series	Standard series /80-/85	Wide series /70-/75	Extra large series /60-/65-/85	Narrow series /90-/95	TWIN TRACTOR		
						/45-/50	/55	/60-/55
360	6.50-16		260/70R16					
360	9.0/75-16		260/70R16					
390	7.50-16	250/80-16	280/70R16					
410	7.50-18	250/80-18	280/70R18					
425	7.50R20						400/55-17.5	
450	9.5R20	260/80R20	300/70R20					
475	11.2R20	280/85R20	320/70R20					
500	12.4R20	320/85R20	360/60-24					360/70R20
525	11.2R24	280/85R24	320/70R24					
550	12.4R24	320/85R24	360/70R24	420/65R24		600/50-22.5		400/60-26.5
575	13.6R24	340/85R24	380/70R24	440/65R24				
600	14.9R24	380/85R24	420/70R24	480/65R24	230/95R32			500/60-26.5
625	16.9R24	420/85R24	480/70R24	540/65R24	270/95R32	710/45-26.5	600/55-26.5	
650	16.9R26		480/70R26					
575	11.2R28	280/85R28	320/70R28					
600	12.4R28	320/85R28	360/70R28		230/95R32			500/60-26.5
625	13.6R28	340/85R28	380/70R28	440/65R28	270/95R32			600/55-26.5
650	14.9R28	380/85R28	420/70R28	480/65R28	230/95R36			
675	16.9R28	420/85R28	480/70R28	540/65R28			600/55-30.5	
675	14.9R30	380/85R30	420/70R30				600/55-30.5	
700	16.9R30	420/85R30	480/70R30	540/65R30 600/65R28		750/45-30.5		600/60-30.5
725	18.4R30	460/85R30	520/70R30 600/70R28		210/95R44	750/50-30.5		
725	14.9R34	380/85R34						
750	16.9R34	420/85R34	480/70R34 600/70R30	540/65R34 710/60R30	230/95R44			
775	18.4R34	460/85R34	520/70R34	600/65R34 650/60R34		800/50-34	800/55-30.5 710/55-34	
825	20.8-34			710/60R34				
725	13.6R36	340/85R36			210/95R44			
725	12.4R38	320/85R38						
750	13.6R38	340/85R38						
775	14.9R38	380/85R38			270/95R44			
800	16.9R38	420/85R38	480/70R38 600/70R34	540/65R38	230/95R48			600/60-38
825	18.4R38	460/85R38	520/70R38	600/65R38 710/60R34	270/95R48 300/95R46			650/60-38
875	20.8R38	520/85R38	580/70R38	650/65R38 600/65R42		850/50-38		710/65-38 900/60-32
875	18.4R42	480/80R42		600/65R42				
925	20.8R42	520/85R42	580/70R42 620/70R42 650/75R38 710/70R38	650/65R42			850/55-42	750/65-38 850/60-38
925	18.4R46	480/80R46						
975	20.8R46	520/85R46 480/80R50	710/70R42 800/70R38	900/60R38 650/85R38	380/90R50			
1025			710/75R42	900/60R42	380/90R54			

Modifying the original fitment of the machine may require a new set of rims. Verify that the alternative tyre size is fitted on an approved rim contour.

Load Table Technical Information

Conversion of load indices (LI) into load capacities per tyre (Kg)

LI	KG	LI	KG	LI	KG	LI	KG
50	190	85	515	120	1400	155	3875
51	195	86	530	121	1450	156	4000
52	200	87	545	122	1500	157	4125
53	206	88	560	123	1550	158	4250
54	212	89	580	124	1600	159	4375
55	218	90	600	125	1650	160	4500
56	224	91	615	126	1700	161	4625
57	230	92	630	127	1750	162	4750
58	236	93	650	128	1800	163	4875
59	243	94	670	129	1850	164	5000
60	250	95	690	130	1900	165	5150
61	257	96	710	131	1950	166	5300
62	265	97	730	132	2000	167	5450
63	272	98	750	133	2060	168	5600
64	280	99	775	134	2120	169	5800
65	290	100	800	135	2180	170	6000
66	300	101	825	136	2240	171	6150
67	307	102	850	137	2300	172	6300
68	315	103	875	138	2360	173	6500
69	325	104	900	139	2430	174	6700
70	335	105	925	140	2500	175	6900
71	345	106	950	141	2575	176	7100
72	355	107	975	142	2650	177	7300
73	365	108	1000	143	2725	178	7500
74	375	109	1030	144	2800	179	7750
75	387	110	1060	145	2900	180	8000
76	400	111	1090	146	3000	181	8250
77	412	112	1120	147	3075	182	8500
78	425	113	1150	148	3150	183	8750
79	437	114	1180	149	3250	184	9000
80	450	115	1215	150	3350	185	9250
81	462	116	1250	151	3450	186	9500
82	475	117	1285	152	3550	187	9750
83	487	118	1320	153	3650	188	10000
84	500	119	1360	154	3750	189	10300

CONVERSION FACTORS

1 millimeter (mm)	= 0.03937 inches	1 inch (")	= 25.4 millimeters
1 meter (m)	= 1.09361 yards	1 yard	= 0.9144 meters
1 kilometer (Km)	= 0.62137 miles	1 mile (mi)	= 1.609344 kilometers
1 liter (l)	= 0.21997 gallons (UK)	1 gallon (UK)	= 4.5461 litres
1 liter (l)	= 0.26417 gallons (USA)	1 gallon (USA)	= 3.7854 litres
1 gram (g)	= 0.035274 ounces	1 ounce (oz)	= 28.34952 grams
1 kilogram (Kg)	= 2.205 pounds	1 pound (lb)	= 0.45359 kilograms
1 kilometer per hour (Km/h)	= 0.62137 miles per hour	1 mile per hour (mph)	= 1.609344 kilometers per hour
1 kilopascal (kPa)	= 0.145 pounds per square inch	1 pound per square inch (psi)	= 6.895 kilopascal
1 bar	= 100 kilopascal	1 pound per square inch (psi)	= 0.06895 bar
1 kilowatt (kW)	= 1.34 horsepower	1 horsepower (HP)	= 0.746 kilowatts
1 Newton meter (N.m)	= 0.113 inch pound	1 inch pound (in-lb)	= 8.85 inch-pound

TEMPERATURES

(Fahrenheit - 32) x 0.55 = Celsius	32	40	50	60	70	75	85	95	105	140	175	212	°F
(Celsius x 1.8) + 32 = Fahrenheit	0	5	10	15	2	25	30	35	40	60	80	100	°C

SPEED

Speed code	A1	A2	A3	A4	A6	A8	B	C	D	E	F
Km/h	5	10	15	20	30	40	50	60	65	70	80
mph	3	6	9	12	19	25	31	37	40	43	50

Km/h to mph x 1.61 mph to Km/h x 0.62

PRESSURE

kPa (kilopascal)	60	100	120	140	160	180	200	240	280	320	360	400	500
bar = Kg/cm ²	0,6	1,0	1,2	1,4	1,6	1,8	2,0	2,4	2,8	3,2	3,6	4,0	5,0
psi = (pound/square inches)	8	15	17	29	23	26	28	34	40	45	51	57	71

psi to bar x 0.07 bar to psi x 14.23 kPa to bar x 100 bar to kPa x 0.01 kPa to psi x 7 psi to kPa x 0.142

LI	KG	LB
140	2500	5513
141	2575	5678
142	2650	5843
143	2725	6009
144	2800	6174
145	2900	6395
146	3000	6615
147	3075	6780
148	3150	6946
149	3250	7166
150	3350	7387

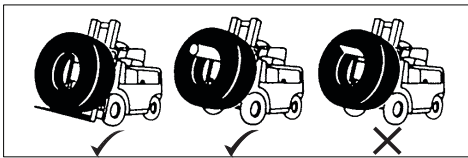
Handling of Tires

HANDLING OF TIRES

Extreme care is needed in the handling of tires. Improper handling of tires can lead to damage, especially to the beads. Therefore, it is necessary to prevent excess pressure from being exerted on the beads.

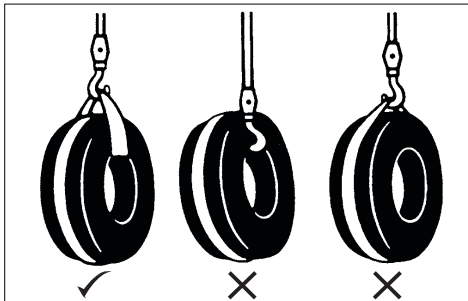
When using a forklift to lift a tire:

- Lay the tire vertically across the fork, or
- Use a round fork at least six-inches in diameter.
- Do not insert a flat type fork within the tire.



When lifting tires by crane:

- Use a wide nylon or rubber sling.
- Do not use a rope sling.
- Do not hook the tire beads.



SAFETY PRECAUTIONS

WARNING

Servicing of the Tire and rim should be done by trained personnel using proper tools and procedures. Failure to comply with these procedures may result in faulty positioning of the tire and/or rim, and cause the assembly to burst with explosive force, sufficient to cause serious physical injury or death.

DEMOUNTING

Before Demounting

- Always empty all air from a single tire and from both tires of a dual assembly prior to removing any wheel components such as nuts and rim clamps. (A broken rim part under pressure can blow apart and cause serious injury or death.)
- Make sure to remove the valve core to exhaust all air from the tire. Remove both cores to exhaust all air from a dual assembly. (The wheel assembly may fly apart if the tire is still under pressure when the wheel lugs are removed)
- Check the valve stem by running a piece of wire through it to make sure it is not clogged. (Foreign material may clog the valve stem during deflation)

DURING DEMOUNTING

- Demounting tools apply pressure to rim flanges to unseat tire beads. Keep your finger clear. Always stand to one side and hold the tool with one hand when you apply hydraulic pressure. (If the tool slips off it can fly with enough force to cause serious injury or death.)
- Do not use the tool in the vicinity of the flange butt weld.

AFTER DEMOUNTING

- Clean rims and repaint chipped areas to prevent the detrimental effects of corrosion and facilitate checking and tire mounting. Be extremely careful to clean all dirt and rust from the lock ring and gutter. This is important to secure the lock ring in its proper position. A filter on the air line helps prevent corrosion. The filter should be checked periodically to see that it is working properly. (Parts must be clean for a proper fit. Particularly, the gutter section which holds the lock ring in proper position)

Safety Precautions for Mounting

MOUNTING

Before Mounting

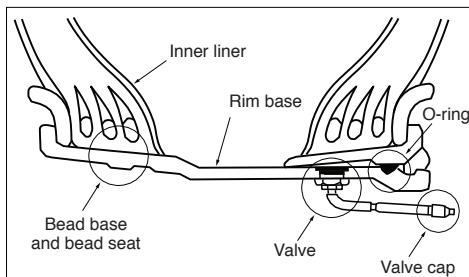
- Check rim components for cracks. Replace all cracked, badly worn, damaged and severely rusted components with new parts of the same size and type. When the condition of a component is in doubt, replace it. (Parts that are cracked, damaged or excessively corroded are weakened. Bent or repaired parts may not engage properly.)
- Do not, under any circumstances, attempt to rework, weld, heat, or braze any rim components that are cracked, broken, or damaged. Replace them with new parts or parts that are not cracked, broken, or damaged and which are of the same size and type. (Heating may weaken a part to the extent it is unable to withstand forces of inflation or operation.)
- Make sure correct parts are being assembled.
- Check with your distributor or the manufacturer if you have any doubts. (Mismatched parts may appear to fit, but when the tire is inflated, it may fly apart with explosive force)
- Mixing parts of one type rim with those of another is potentially dangerous. Always check rim manufacturer for approval.
- Removing rust, dirt and other foreign matter from the rim surface, particularly on the bead seats and O-ring slot.
- Clean the interiors of the tire.
- For tube type tires, make sure tube and flap are correct and not damaged.
- Always prepare a new O-ring for tubeless type tires.
- Do not reinflate a tire that has been run-flat or has been run at 80% or less of its recommended operating pressure, or when there is obvious or suspected damage to the tire or wheel components. (Components may have been damaged or dislocated during the time the tire was run-flat or seriously underinflated)

During Mounting and Inflation

- Do not try to seat rings or other components by hammering while a tire is inflated or partially inflated.
- Double check to ensure all components are properly seated prior to inflation.
- Do not inflate a tire before all components are properly in place. Place the tire in a safety cage, or other restraining device and inflate to approximately 5 psi, recheck components for proper assembly. Observe that the O-ring does not roll out of its groove. If the assembly is not proper, deflate and correct. Never hammer on an inflated or partially inflated tire/rim assembly. If assembly is proper at approximately 5 psi, continue to inflate to fully seat the tire beads.
- Never sit on or stand in front of a tire/rim assembly that is being inflated. Always use a clip-on chuck with a sufficient length of hose to permit the person inflating the tire to stand clear of the potential trajectory of the wheel components. Use an inline valve with a gauge or a pressure regulator preset to a desired value when inflating a tire. When a tire is in a restraining device, do not lean any part of your body or equipment on or against the restraining device. (If parts are improperly installed they may fly **apart with explosive force**)
- Never attempt to weld or heat on or near a tire/rim assembly. (Heat from welding will cause a sudden drastic increase in air pressure, resulting in an explosion with the force of a bomb. Deflated tires can catch fire inside the air chamber.)

After Inflation

- Make sure there is no air leakage, especially in tubeless tires. Checking points for air leakage are pictured below.



Safety Precautions for Operation

OPERATION

- Do not use under inflated tires.
- Do not bleed or remove air to compensate for the increase in pressure resulting from operation.
- Do not use undersized rims. Use recommended rims. Consult catalogs for proper tire/rim matching.
- Do not overload or over inflate the tire/rim assembly. Check for adequate rim strength if special operating conditions are required. (Excessive overload can cause tire/rim assembly damage.)
- Never run a vehicle on one tire of a dual assembly. (The carrying capacity of the single tire and rim is dangerously exceeded an operating a vehicle in this condition can result in damage to the rim and tire or cause a tire fire.)
- Never use a tube in a tubeless tire/rim assembly if the rim is suspected of leaking. (Loss of air pressure through fatigue cracks or other fractures in a tubeless rim warns of a potential rim failure. This safety feature is lost when tubes are used with leaking rims. Continued use may cause the rim to burst with explosive force.)
- Always inspect rims and wheels for damage during tires checks. (Early detection of potential rim failure may prevent serious injury.)
- Never add or remove an attachment or other-wise modify a rim (especially by heating, welding, or brazing) unless the tire has been removed and rim maker approval has been received. (Modification or heating of a rim or one of its parts may weaken it so that it cannot withstand forces created by inflation or operation.)

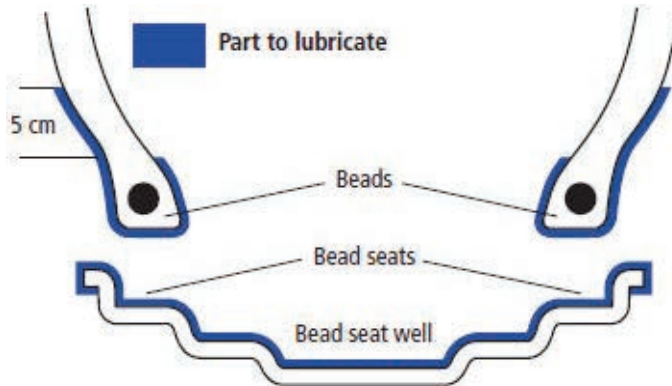
Tools for Mounting and Demounting Tires

The following are all portable tools, and can be used both horizontally and vertically.

- Hydraulic tire remover (tire push type) and bead wedges. Commonly used for 25-inch rims.
- A man-powered hydraulic pump attached to a tire push type hydraulic tire remover.
- Hydraulic tire remover in operation.
- Hydraulic tire remover (rim flange push type). Commonly used for 33-inch or larger rims.
- Manual hydraulic pump attached to rim flange push type hydraulic tire remover.
- Another kind of hydraulic tire remover for 33-inch or larger rims (rim flange push type).
- Tire, mounting and demounting machine (unit-rig type) mainly used for 49-inch or larger rims. It is stationary and for horizontal use only. Hydraulic ram is driven by an electric pump

Lubrication of Tire Rim and Bead

- Use a soft-bristled brush to spread the lubricant over the surface.
- Use specific lubricants for tire mounting only.
- Do not use silicone or other solvent-based substances.



Place the tire bead on the rim channel.

- Make sure that at least part of the tire bead stays within the rim profile.
- Start rotating the tire and position the tire bead gradually on the rim.
Complete the rotation until the entire bead is positioned on the rim.
- Make sure that the entire bead is correctly fitted within the rim.

Safety & PPE's

- A pair of protective goggles
- Safety shoes
- Retention system to hold the tire assembly in place (safety cage)
- Safety ear muffs

Tire Care Tips

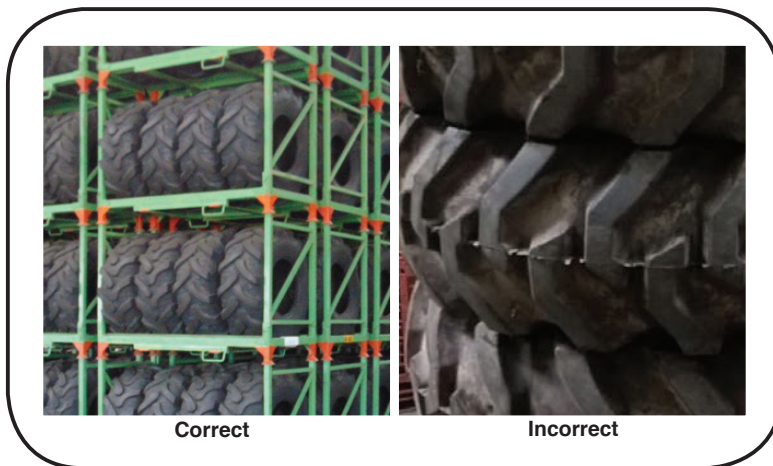
- Always select right tire and rims
- Check inflation pressure at least once a week
- Never check the inflation after long runs. Allow tire to cool for 30 mins.
- Use mounting machine to mount the tires. Avoid hard objects.
- Cover the valve with valve caps always
- 30 minutes mid day stoppage is recommended after sustained haulage work.
- Avoid chuck holes and long spins
- Avoid high speed cornering
- Avoid locking one wheel for sharp turns
- Avoid sudden breaks and starts.

Tire Storage

Tires should be stored in a cool and dry place, away from direct sunlight, electric motors, oils, fuels, resins and other volatile substances in order to avoid any alteration of the chemical-physical features.

Should this not be possible, at least protect your tires with a waterproof tarpaulin to avoid contact with ultra-violet rays and bad weather.

Tires are to be placed vertically side by side. Do not stack one tire over the other horizontally.



INFLATION PRESSURE AND ITS IMPORTANCE

The most important aspect of tire maintenance is the correct inflation pressure which should be adjusted based on the load. This directly impacts the key metrics such as traction, flotation, tire wear and fuel efficiency

Soil Compaction

The root development of the crops planted is adversely affected if soil is compacted. It also limits development of microbial life and increases water stagnation. This leads to loss of yield and excess operating cost to break the compaction layer.

Fuel Efficiency

The right pressure means optimum soil contact which causes spin and penetration to be reduced. Decreasing excess fuel consumption, time wasted and wear on machine and tires.

Service life of tires

Over inflation causes excessive spin in the fields, not to mention increased soil compaction. On hard, stony soil, it causes premature wear.

On the road, over inflation causes fast, irregular wear on the lugs – the footprint is too small.

Under inflation causes irreversible damage to tire casings: risk of failure. It also leads to excessive wear on roads: too much rolling resistance. Statistics say that a tire operated at 10% below required pressure will suffer a 15% reduction in its life expectancy.

Personal comfort

Over inflation causes bouncing and vibration.

Under inflation causes power handling. Manoeuvring at low speeds or on the spot is more difficult.

ICONS MASTER

APPLICATIONS



2WD TRACTOR



4WD TRACTOR



AGRICULTURAL LOADER



ALPINE TRACTOR



ARTICULATED DUMP TRUCK



BACKHOE



BALER



COMBINE HARVESTER



COMPACT LOADER



COMPACTOR



CONTAINER HANDLER



CULTIVATORS



DOZER



EXCAVATOR



FERTILIZER TRUCK



FORESTRY FORWARDER



FOREST HARVESTER



FOREST TRAILER



FORKLIFT



GRADER



LOAD HAUL DUMPER



WHEEL LOADER



MFWA



HIGH SPEED MOBILE CRANE



MOWER



PLOUGH



REACH STACKER



RIGID DUMP TRUCK



RUBBER TIRE GANTRY



SKIDDER



SKIDSTEER



SPRAYER



TANKER



TELEHANDLER



TERMINAL TRACTOR



TRAILER



TRENCHER



UTILITY TRACTOR



UTILITY TRACTOR 4WD



UTILITY TRACTOR MFWA



DUMP TRUCK



SPREADER



WATER SPRINKLER



POWER TRAIN



AGRICULTURAL IMPLEMENTS

DIFFERENTIATORS



ALL STEEL



SPECIAL COMPOUND



STEEL BELTED



HEAT RESISTANT COMPOUND



WEAR RESISTANT COMPOUND



CUT&CHIP RESISTANT COMPOUND



STUBBLE GUARD

ALLIANCE RANGE OF TIRES ACCORDING TO RIM

Rim	Size	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.
12	26x12.00-12	312	126														
12	6.50/80-12	324	44														
13	9.00-13	223	149														
14	11L-14SL	542	153														
14	9.5L-14SL	542	153														
15	11L-15	222	150	211	220	319*	138										
15	11L-15FI	543	155														
15	11L-15SL	542	153	211	220												
15	12.5L-15FI	543	155														
15	12.5L-15SL	542	153														
15	195/65-15	768	52														
15	280/70R15	381 Radial implement	102														
15	31x15.50-15	221	125	332	128												
15	33x15.5-15	221	125														
15	5.00-15	FarmPRO 303*	135														
15	6.50/80-15	324	44														
15	6.70-15SL	542	153														
15	7.60-15SL	542	153														
15	9.5L-15FI	543	155														
15	9.5L-15SL	542	153														
15.3	10.0/75-15.3	328 Value Plus	141	320	142	320 Value Plus	146	AS 323	156								
15.3	11.0/80-15.3	328 Value Plus	141														
15.3	11.5/80-15.3	320	143	320 Value Plus	146	AS 323	156										
15.3	12.5/80-15.3	320 Value Plus	146														
15.3	12.5-15.3	320	143														
15.5	400/60-15.5	328	139	328 Value Plus	141	320 Value Plus	146	FarmPRO Imp 327	147	328 Forest	177						
15.5	500/55-15.5	320	143														
15.5	500/60-15.5	328	139	328 Forest	177												
16	10.00-16	303	134	FarmPRO 303*	135												
16	11.00-16	303	134	FarmPRO 303*	135												
16	11.00-16SL	542	154														
16	11L-16	211	220														
16	11L-16SL	211	220														
16	12.4-16	316	157														
16	13.0/75-16	320	143														
16	14.0/65-16	320	143	FarmPRO Imp 327	147												
16	200/70R16	370 Agristar	21														
16	240/70R16	370 Agristar	21														
16	250/80R16	550 MULTIUSE	33														
16	260/65R16	370 Agristar	21														
16	260/70R16	370 Agristar	21														
16	280/65R16	370 Agristar	21														
16	280/70R16	370 Agristar	21														
16	320/65R16	370 Agristar	21														
16	340/55-16	FarmPRO Imp 327	147														
16	*360/65-16 (14.0/65-16)*	FarmPRO Imp 327*	147														
16	5.50-16	FarmPRO 303*	135														
16	6.00-16	303	133	FarmPRO 303	135												
16	6.50-16	303	44	FarmPRO 303	135												
16	7.50-16	303 TracPRO (Multi-Rib)	45		133	303	134	FarmPRO 303	135	AS 323	156						
16	7.50-16SL	542	154														
16	8.25-16	324	45														



BETTER VALUE.
SMARTER CHOICE.

ALLIANCE RANGE OF TIRES ACCORDING TO RIM

Rim	Size	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.
16	9.00-16	FarmPRO 303*	135														
16	9.00-16HD	303	134														
16	9.00-16SL	542	154														
16.1	13.50-16.1SL	329	296														
16.1	14L-16.1SL	313	136														
16.1	16.5L-16.1SL	222	150														
16.1	19L-16.1SL	542	154														
16.1	21.5L-16.1 SL*	542	154														
16.1	21.5L-16.1SL	542	154														
16.1	33x16LL-16.1	322	127														
16.5	10-16.5	SK-906	203														
16.5	10-16.5NHS	SK-903	203														
16.5	12-16.5	SK-906	203														
16.5	12-16.5NHS	SK-903	203														
16.5	*265/70R16.5 (10R16.5)*	550 MULTIUSE	203														
16.5	*305/70R16.5 (12R16.5)*	550 MULTIUSE	203														
16.5	340/60R16.5	381 Radial implement	102														
16.5	380/55R16.5	381 Radial implement	102														
17	15.0/55-17	319	138	222	150												
17	19.0/45-17	222	150														
17	*380/55-17 (15.0/55-17)*	FarmPRO Imp 327	147														
17	425/55R17	221	125	570	228,245												
17	440/50R17	221	125														
17	450/55-17	221	125														
17	*480/45-17 (19.0/45-17)*	FarmPRO Imp 327	147														
17	500/50-17	320	144	FarmPRO Imp 327	148												
17	500/50R17	381	101	328 Radial	117												
17	500/55-17	328	139	328 Forest	177												
17.5	14-17.5	239	221														
17.5	400/55-17.5	328 HS	112	328	139												
18	10.5/80-18	320	144	321	216,217												
18	10.5-18	317 MPT	246	317	247												
18	12.0-18	317	247														
18	12.5/80-18	320	144	FarmPRO Imp 327	148	321	216,217										
18	12.5/80-18 HD	321	216														
18	12.5-18	317 MPT	246	317	247												
18	13.0/65-18	320	144														
18	15.0/70-18	320	144														
18	15.5/55R18	601	240														
18	280/70R18	370 Agristar	21														
18	280/80-18	325 Tough Trac	218														
18	*280/80R18 (10.5R18)*	580	225,243														
18	300/75R18*	580 MPT	225,243														
18	320/80-18	FarmPRO Imp 327	148														
18	335/80R18	606	235	608	239												
18	340/65R18	571	137	370 Agristar	21												
18	*340/80R18 (12.5/80R18)*	550 MULTIUSE	33														
18	340/80R18 (335/80R18) (12.5R18)	580	225,243														
18	365/70R18	550 MULTIUSE	33	606	235	608	238										
18	365/70R18EM	608	238														
18	405/70R18	550 MULTIUSE	33	606	235	608	238										
18	7.00-18	324	45														

ALLIANCE RANGE OF TIRES ACCORDING TO RIM

Rim	Size	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.
18	7.50-18	FarmPRO 303*	135														
19	4.00-19"	FarmPRO 303	135														
19	6.00-19	FarmPRO 303*	135														
19.5	18-19.5	224	290														
19.5	445/70R19.5	624	290														
20	10.00-20 NHS	839	292														
20	10.00-20ML	225	288														
20	10.5-20	321	216,217	317	246												
20	11.00-20	210	268														
20	11.00-20ML	225	288														
20	11.2R20	385	26														
20	12.00-20	210	269														
20	12.5-20	225	289	321	216,217	317	246										
20	12.5-20MPT	225	289														
20	12.5R20	606	235	300 MPT	250												
20	14.5-20	317	246														
20	14.5/75-20	320	144														
20	14.9LR20	387	32														
20	16.0/70-20	320	145	FarmPRO Imp 327	148												
20	*16/70-20 EM (405/70-20)*	326	241	317	247												
20	16/70R20	606	235														
20	20.00-20	222	150														
20	21.0/80-20	222	151														
20	260/70R20	370 Agristar	21														
20	280/70R20	370 Agristar	21	FarmPro Radial 70 (845)	24												
20	*280/80R20 (10.5R20)*	580	225,243														
20	280/85R20	385	27	FarmPRO Radial (842) and FarmPRO Radial II (846)	29												
20	300/70R20	370 Agristar	21	FarmPro Radial 70 (845)	24												
20	320/70R20	370 Agristar	22	FarmPro Radial 70 (845)	24												
20	320/85R20	385	27	FarmPRO Radial (842) and FarmPRO Radial II (846)	29												
20	335/80R20EM	606	235	608	238												
20	340/65R20	370 Agristar	22														
20	340/80-20	325 Tough Trac	218														
20	*340/80R20 (12.5/80R20)*	MULTIUSE	33	580	244												
20	340/80R20MPT	580 MPT	225,243														
20	360/70R20	370 Agristar	22	550 MULTIUSE	34												
20	360/80R20	550 MULTIUSE	34														
20	365/80R20	608	239														
20	365/80R20EM	606	236	608	238												
20	380/70R20	370 Agristar	22														
20	*380/75R20 (14.5R20)*	580	226,244														
20	38x18.00-20	331	107														
20	400/70-20	FarmPRO Imp 327	148	580 Forest	192	570	211, 228,245										
20	400/70R20	580	226,244														
20	*405/70-20 (16.0/70-20)*	323 MPT	229														
20	405/70R20	570 MPT	212,227	323 MPT	229												



BETTER VALUE.
SMARTER CHOICE.

ALLIANCE RANGE OF TIRES ACCORDING TO RIM

Rim	Size	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.
20	405/70R20 EM	570	212,227	606	236	608	239										
20	41x14.00-20		322	127													
20	420/65R20	Agristar 365	19														
20	*425/75R20 (16.5R20)	580	244														
20	425/75R20MPT	580 MPT	225,243														
20	42x25.00-20	331	107	328	140												
20	44x18.00-20	331	107	322	127	328	140										
20	455/70R20	608	238														
20	48x25.00-20	331	107	328	140												
20	48x31.00-20	331	107	328	140												
20	500/45-20	331	108,291														
20	500/50-20	331	108														
20	500/55-20	FarmPRO Imp 327	148														
20	7.50-20*	FarmPRO 303	135														
20	8.25-20ML	225	288														
20	9.00-20ML	225	288														
20	9.5-20	324 FarmPRO	50														
20.5	24R20.5*	392	95														
22	9.5-22	324	42														
22.5	15-22.5ML	225	288														
22.5	280/75R22.5	505	273														
22.5	315/80R22.5	506	287	528	287												
22.5	385/65R22.5	882	100														
22.5	400/55-22.5	328 HS	112	328	114	328 Value Plus	118										
22.5	400/55R22.5	382	93														
22.5	400/60-22.5	328	114														
22.5	445/65R22.5	398	94														
22.5	*445/70R22.5 (18R22.5)	624	290														
22.5	455/55R22.5*	398	94														
22.5	500/45-22.5	328 HS	112	328	114	328 Value Plus	118	328 Forest	177								
22.5	500/45R22.5	390 MPT	92,285														
22.5	500/60-22.5	331	108	328 HS	112	328	114	328 Value Plus	118	331 Forest	178						
22.5	500/60R22.5	390	92	388	97	882	100										
22.5	550/45-22.5	331	108	328 HS	113	328	115	328 Value Plus	118	328 Forest	177	331 Forest	178				
22.5	550/60-22.5	331	108	328 HS	113	328	115	328 Value Plus	118	222	151						
22.5	560/45R22.5	390	92	381	101	882	100	885	99	380 MPT	90						
22.5	560/60-22.5	FarmPRO Imp 327	148														
22.5	560/60R22.5	390 HD	91	380 HD	89	388	97	882	100	885	99	380 MPT	90	390	92		
22.5	580/65R22.5	390	92	885	99	380 MPT	90										
22.5	600/40-22.5	331	109,291	344	292	331 Forest	178										
22.5	600/45R22.5	331 Radial	111														
22.5	600/50-22.5	331	109,291	328 HS	113	328	109	Forestar 343	170	Forestar 344	172						
22.5	600/50R22.5	382	93	390 HD	285	390	91	390 MPT	92,285	380 HS/HD	89	388	97	398	94	885	99
22.5	600/55-22.5	331	109	328 HS	113	328	109	FarmPRO Imp 327	148	222	151						
22.5	600/55R22.5	380 MPT	90														
22.5	620/40R22.5	381	101	380 MPT	90	398*	94	380	286								
22.5	620/40R22.5	398*	94														
22.5	620/50R22.5	381	101														
22.5	650/45-22.5	331	291														
22.5	650/50R22.5	885*	99	380 MPT	90												
22.5	700/40-22.5	331	109,291	328 HS	113	328 HD	113	328	115								
22.5	700/45-22.5	FarmPRO Imp 327	148	331 Forest	178												

ALLIANCE RANGE OF TIRES ACCORDING TO RIM

Rim	Size	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.
22.5	700/50-22.5	331	109	328 HS	113	328 HD	113	328	116								
22.5	710/40-22.5	Forestar 343	170	Forestar 344	172												
22.5	710/40R22.5	381	101	398*	94												
22.5	710/45R22.5	380 MPT	90	388	97	885	99										
22.5	750/45R22.5	398*	94	380 MPT	90												
22.5	800/35-22.5	328 HS	113														
24	11.00-24	210	269														
24	11.2-24	324	42	324 FarmPRO	50	768	52	356 Forest	193								
24	11.25-24SL	351	152														
24	12.00-24	314	278	210	269												
24	12.4-24	324	42	357	48	324 Farm-PRO	50	356 Forest	193								
24	13.00-24	307	263														
24	13.6-24	324 FarmPRO	50	356 Forest	193												
24	14.00-24	307	263	309	273												
24	14.00R24	655	255														
24	14.9-24	324	42	358	49	324 Farm-PRO	50	768	52	533 HD	214	533	214,248	329	295	356 Forest	193
24	15.5/80-24	324	44	533	213												
24	16.00-24	310	267														
24	16.00-24TG	310	267														
24	16.5/85-24	358	49	533	213												
24	16.9-24	324 FarmPRO	50	533	214,248	329	295										
24	*16/70-24 EM (405/70-24)*	323 MPT	229	606	236	326	241										
24	17.5/70R24	606	236														
24	17.5L-24	570	211,228,245	533	214,248	550 MULTIUSE	209										
24	17.5LR24	500	219														
24	18.4-24	533 HD	214	533	214,248												
24	19.5L-24	533 HD	214	533	214,248												
24	19.5LR24	570	211,228,245														
24	21.0L-24	533 HD	214	533	214,248												
24	*22/70-24 (20-24EM)*	326	241														
24	250/85R24	FarmPRO Radial (842) and FarmPRO Radial II (846)	29														
24	280/85R24	FarmPRO Radial (842) and FarmPRO Radial II (846)	29														
24	300/80R24	550 MULTIUSE	34														
24	320/70R24	370 Agristar	22	FarmPro Radial 70 (845)	24												
24	320/85-24	333 Forest	185														
24	320/85R24	385	27	FarmPRO Radial (842) and FarmPRO Radial II (846)	29												
24	*340/80R24 (12.5R24)*	550 MULTIUSE	34														
24	340/85R24	385	27	FarmPRO Radial (842) and FarmPRO Radial II (846)	29												
24	360/70R24	370 Agristar	22	FarmPro Radial 70 (845)	24												
24	*360/80R24 (13.6R 24)*	550 MULTIUSE	34														
24	380/70-24	370 Forest	189														
24	380/70R24	370 Agristar	22	FarmPro Radial 70 (845)	24												



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ALLIANCE RANGE OF TIRES ACCORDING TO RIM

Rim	Size	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.
24	380/85-24	333 Forest	185														
24	380/85R24	385	27	FarmPRO Radial (842) and FarmPRO Radial II (846)	29												
24	400/80-24	325 Tough Trac	218														
24	*400/80R24 (14.9R 24)*	550 MULTIUSE	34														
24	*405/70-24 (16.0/70-24)*	580	226,244														
24	405/70R24EM	606	236														
24	420/65R24	550 MULTIUSE	34	Agristar 365*	19												
24	420/70-24	370 Forest	189														
24	420/70R24	370 Agristar	22	FarmPro Radial 70 (845)	24												
24	420/85R24	385	27	FarmPRO Radial (842) and FarmPRO Radial II (846)	29												
24	440/65R24	Agristar 365	19														
24	440/80-24	325 Tough Trac	218														
24	*440/80R24 (16.9R24)*	550 MULTIUSE	34	580	210,226,244												
24	445/70R24 MPT	398	94	570	227												
24	455/70R24EM	606	236														
24	460/65R24	550 MULTIUSE	34														
24	*460/70R24 IND (17.5LR24)*	550 MULTIUSE	209														
24	*460/70R24 (17.5LR24)*	580	210,226,244	570	228,245	550 MULTIUSE	209										
24	480/65-24	360 Forest	187														
24	480/65R24	Agristar 365	19	550 MULTIUSE	34	360	81										
24	480/70R24	370 Agristar	22	FarmPro Radial 70 (845)	24												
24	495/70R24 MPT	398	94	570	227												
24	500/70R24 IMP	570 Harvester Spcl	83														
24	*500/70R24 IND (19.5LR24)*	550 MULTIUSE	209														
24	*500/70R24 (19.5LR24)*	580	210,226,244	550 MULTIUSE	209												
24	500/85R24	570	245														
24	500/85R24 IMP	570 Harvester Spcl	83														
24	540/65R24	Agristar 365	19	550 MULTIUSE	34												
24	8.3-24	324	42	324 FarmPRO	50												
24	9.5-24	324	42	324 FarmPRO	50												
24.5	600/50R24.5	Forestar 342	169														
24.5	650/45-24.5	Forestar 344	172														
24.5	650/45R24.5	Forestar 342	169														
24.5	710/40-24.5	Forestar 343	170	Forestar 344	172												
24.5	710/40R24.5	Forestar 342	169														
25	1000/50R25	375	75														
25	15.5-25	302	261	308	259	307	263										
25	15.5R25	650	253	655	255	600	256										
25	16.00-25	310	267	311	274												
25	16.00-25*	311	274														
25	16.00R25	630	281	609*	276												
25	17.5-25	308	259	318	264	307	263										
25	17.5R25	690	254	655	255	600	256										
25	18.00-25	318	264,275	315	275												
25	18.00R25*	610	276														
25	20.5-25	308	259	318	264	307	263										

ALLIANCE RANGE OF TIRES ACCORDING TO RIM

Rim	Size	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.
25	20.5R25	650	253	655	255												
25	21.00-25	311	274														
25	23.5-25	318	265														
25	23.5R25	650	253														
25	26.5-25	318	265														
25	26.5R25	650	253														
25	29.5-25	318	265														
25	385/95R25* (14.00R25)	636	282														
25	54x37.00-25	Forestar 344	172														
26	VF 620/70R26	372 Agriflex+	15,71														
26	18.4-26	324	43	329	295	356 Forest	194	533	214,249								
26	23.1-26	349 Yield Master	82	345 Forest	163	329	295	330	297	347	46						
26	28L-26	349 Yield Master	82	345 Forest	164	329	296	330	297								
26	28LR26	360	80	390	92												
26	*480/80R26 IND (18.4R26)*	550 MULTIUSE	209	580	226,244												
26	18.4R26	345 Forest	163														
26	620/70R26	370 Agristar	22	370	122												
26	620/75R26	375	75	360	80												
26	*620/75R26 (23.1R26)*	390	92														
26	710/65R26	390 HD	91	390	92												
26	750/50R26	376	77														
26	750/65R26	360	80														
26	*750/70R26 (28.1R26)*	370 Agristar	22														
26	IF 520/80R26 CFO	372 Agriflex CFO	72														
26	IF 520/80R26*	372 Agriflex	16, 73														
26	IF 620/70R26*	372 Agriflex	16, 73														
26.5	500/60-26.5	331	110	331 Forest	178												
26.5	600/50-26.5	331	110														
26.5	600/50R26.5*	398	94														
26.5	600/55-26.5	331	110	328 HS	113	328	110	Forestar 343	170	Forestar 344	173						
26.5	600/55R26.5	390 HD	91	390	92	380 HD	89	388	97	Forestar 342	169	380 MPT	90				
26.5	600/55R26.5	885	99	398*	94												
26.5	620/55R26.5	381	101														
26.5	650/55R26.5	390 HD	91	390	92	380 HD	89	380 MPT	90								
26.5	650/55R26.5	885	99	398*	94												
26.5	650/60R26.5	380 HD	90	380 MPT	90												
26.5	650/65-26.5	Forestar 343	170	Forestar 344	173												
26.5	650/65R26.5	380 HD	90	388	97	380 MPT	89										
26.5	700/40-26.5	331	110														
26.5	700/50-26.5	331	110	328 HS	113	328	110	Forestar 344	173								
26.5	710/45-26.5	Forestar 343	171	Forestar 344	173												
26.5	710/45R26.5	Forestar 342	169														
26.5	710/50R26.5	390 HD	91	390	92	380 HD	89	381	101	380 MPT	90	398*	94	885*	99		
26.5	710/60-26.5	Forestar 344	173														
26.5	750/45-26.5	380 Forest	180														
26.5	750/45R26.5	398*	94	885*	99	380 MPT	89										
26.5	750/55-26.5	Forestar 343	171	Forestar 344	173												
26.5	750/55R26.5	388	97	344	121												
26.5	800/40-26.5	Forestar 343	171	Forestar 344	173												
26.5	800/40R26.5	Forestar 344	173														
26.5	800/45-26.5	331	111	328	116	331 Forest	179										
26.5	800/45R26.5	390	92	381	101												
26.5	870/45-26.5	Forestar 344	173														
28	IF 600/70R28	372 Agriflex	16														



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Rim	Size	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.
28	VF 600/60R28	372 Agriflex+	15,71														
28	11.2-28	324 FarmPRO	50														
28	11.25-28SL	351	152														
28	12.4-28	348 TracPRO	41	324	43	324 FarmPRO	50										
28	13.6-28	348 TracPRO	41	324	43	357	48	324 FarmPRO	50	329	296	356 Forest	194				
28	14.9-28	348 TracPRO	41	324	43	358	49	324 FarmPRO	50	302	215	356 Forest	194				
28	16.5/85-28	324	44	302	262	533	213										
28	16.9-28	348 TracPRO	41	324	43	324 FarmPRO	51	302	215	356 Forest	194	533	214,248				
28	18.4-28	533	214,249														
28	19.5LR28	370 Agristar	22, 23														
28	250/85R28	FarmPRO Radial (842) and FarmPRO Radial II (846)	29														
28	280/85R28	FarmPRO Radial (842) and FarmPRO Radial II (846)	29														
28	320/70R28	FarmPro Radial 70 (845)	24														
28	320/85R28	FarmPRO Radial (842) and FarmPRO Radial II (846)	29														
28	340/85R28	FarmPRO Radial (842) and FarmPRO Radial II (846)	30														
28	360/70R28	370 Agristar	22	FarmPro Radial 70 (845)	24												
28	380/70-28	370 Forest	189														
28	380/70R28	370 Agristar	22	FarmPro Radial 70 (845)	24												
28	380/85-28	333 Forest	185														
28	380/85R28	385	27	FarmPRO Radial (842) and FarmPRO Radial II (846)	30												
28	"400/80R28 (14.9R 28)"	550 MULTIUSE	34														
28	420/70-28	370 Forest	189														
28	420/70R28	370 Agristar	22	FarmPro Radial 70 (845)	25												
28	420/85-28	333 Forest	185														
28	420/85R28	385	27	FarmPRO Radial (842) and FarmPRO Radial II (846)	30												
28	IF 420/85R28	372 Agriflex	16, 73														
28	"440/80R28 (16.9R 28)"	550 MULTIUSE	34	580	210,226, 244												
28	480/65-28	360 Forest	187														
28	480/65R28	Agristar 365	19	550 MULTIUSE	34												
28	480/70-28	370 Forest	189														
28	480/70R28	370 Agristar	22, 23	FarmPro Radial 70 (845)	25												
28	"500/70R28 (19.5LR28)"	580	210,226,244														
28	540/65-28	360 Forest	187														
28	540/65R28	Agristar 365	19	550 MULTIUSE	35	360	80										
28	600/60-28	Forestar 342	169														
28	600/60R28	Forestar 342	169														
28	600/65-28	360 Forest	187														
28	600/65R28	Agristar 365	19	360	81	360 Forest	187										



ALLIANCE RANGE OF TIRES ACCORDING TO RIM

Rim	Size	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.
28	VF 600/65R28 NRO	365 VF	18														
28	600/70R28	370 Agristar	22	FarmPro Radial 70 (845)*	25												
28	8.3-28	324	43														
28	IF 600/65R28*	372 Agriflex	16, 73														
28	VF 600/70R28	372 Agriflex+	15,71														
30	IF 600/70R30	372 Agriflex	16, 73														
30	VF 600/60R30	372 Agriflex+	15,71														
30	VF 600/70R30	372 Agriflex+	15,71														
30	14.9-30	324	43	356 Forest	194												
30	16.9-30	348 TracPRO	41	324	43	324 Farm-PRO	51	345 Forest	164	356 Forest	194	533	214,249				
30	16.9R30	387	32														
30	18.4-30	348 TracPRO	41	324	43	324 Farm-PRO	51	345 Forest	164	356 Forest	194						
30	23.1-30	347	46														
30	380/85R30	FarmPRO Radial (842) and FarmPRO Radial II (846)	30														
30	420/70R30	FarmPro Radial 70 (845)	25														
30	420/85-30	333 Forest	185														
30	420/85R30	385	27	FarmPRO Radial (842) and FarmPRO Radial II (846)	30												
30	420/90R30	FarmPRO Radial (842) and FarmPRO Radial II (846)	30														
30	*440/80R30 (16.9R 30)*	550 MULTIUSE	35														
30	460/85-30	333 Forest	185														
30	460/85R30	FarmPRO Radial (842) and FarmPRO Radial II (846)	30														
30	*480/70R30 (19.5LR30)*	370 Agristar	22, 23														
30	*480/80R30 (18.4R 30)*	550 MULTIUSE	35														
30	500/85R30 IMP	Harvester Spcl	83														
30	520/70R30	FarmPro Radial 70 (845)	25														
30	540/65-30	360 Forest	187														
30	540/65R30	Agristar 365	20	550 MUL-TIUSE	35	360	81										
30	540/70-30	360 Forest	187														
30	600/65R30	Agristar 365	20														
30	600/70R30	370 Agristar	22	550 MUL-TIUSE	35	FarmPro Radial 70 (845)*	25										
30	620/70R30 IMP	Harvester Spcl	83														
30	620/75R30	AGRISTAR XL	17														
30	710/55R30	AGRISTAR XL	17														
30	710/60R30	AGRISTAR XL	17														
30	IF 620/75R30 CFO	372 Agriflex CFO	72														
30	IF 620/75R30*	372 Agriflex	16, 73														
30	IF 650/75R30 CFO	372 Agriflex CFO	72														
30.5	600/60-30.5	331	111	331 Forest	179												
30.5	600/60R30.5	390 HD	91	390	92												
30.5	650/60-30.5	328	116														



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Rim	Size	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.
30.5	650/65R30.5	380 HD	90	380 MPT	90												
30.5	700/50-30.5	331	111	331 Forest	179												
30.5	710/50R30.5	390 HD	91	390	92	331 Radial	111										
30.5	750/60-30.5	328 HS	113	328	116												
30.5	750/60R30.5	390 HD	91	390	92	380 MPT	89	885*	99								
30.5	800/45-30.5	331	111	328*	112	331 Forest	179										
30.5	850/50-30.5	328	117														
30.5	850/50R30.5	390	92														
32	1050/50R32	376	77,78	375	75												
32	12.4-32	324	43														
32	230/95R32	350	62														
32	24.5-32	347	46	345 Forest	164												
32	24.5R32	360	80														
32	270/95R32	350	62														
32	30.5L-32	349 Yield Master	82	345 Forest	164												
32	30.5LR32	360	80	390	92												
32	320/85R32	FarmPRO Radial (842) and FarmPRO Radial II (846)	30														
32	35.5L-32	345 Forest	164														
32	650/75R32	375	75	360	80,81												
32	680/85R32	376	77														
32	8.3R32	350	62														
32	800/60R32	390	92	380 HD	90												
32	800/65R32	375	75	360	79,81												
32	800/65R32 VF	375 VF	74														
32	800/70R32	375	75														
32	9.5-32	324	43														
32	9.5R32	350	62														
32	900/60R32	376	77,78	375	75												
32	"900/65R32 (35.5LR32)"	393	96														
32	900/75R32	375	75														
32	IF 1250/50R32*	372 Agriflex	16, 73														
32	IF 800/65R32 CFO	372 Agriflex CFO	72														
32	IF 800/70R32 CFO	372 Agriflex CFO	72														
32	IF 800/70R32*	372 Agriflex	16, 73														
32	IF 900/60R32 CFO	372 Agriflex CFO	72														
32	IF 900/60R32*	372 Agriflex	16, 73														
34	16.9/14-34	324	43														
34	16.9-34	324 FarmPRO	51	356 Forest	194												
34	18.4-34	324	43	324 FarmPRO	51	385 Forest	191	345 Forest	164								
34	23.1-34	347	46	347 Forest	186												
34	320/85R34*	FarmPRO Radial (842) and FarmPRO Radial II (846)	30														
34	380/85R34	385	27	FarmPRO Radial (842) and FarmPRO Radial II (846)	30												
34	420/85-34	333 Forest	185														
34	420/85R34	385	27	FarmPRO Radial (842) and FarmPRO Radial II (846)	30												
34	"440/80R34 (16.9R 34)"	550 MULTIUSE	35														
34	460/85-34	333 Forest	185														

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Rim	Size	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.
34	460/85R34	385	26	FarmPRO Radial (842) and FarmPRO Radial II (846)	30												
34	480/70-34	370 Forest	189														
34	480/70R34	370 Agristar	23	FarmPro Radial 70 (845)	25												
34	*480/80R34 (18.4R 34)*	550 MULTIUSE	35														
34	520/70-34	370 Forest	189														
34	520/70R34	370 Agristar	23	FarmPro Radial 70 (845)	25												
34	540/65R34	Agristar 365	20														
34	600/65-34	Forestar 346	174														
34	600/65R34	Agristar 365	20	388	97	Forestar 342	169										
34	600/70R34	378 AGRISTAR XL	17														
34	620/75R34	375	75														
34	650/60R34	388	98														
34	700/55-34	Forestar 346	174														
34	700/70-34	Forestar 346	174														
34	710/55R34	388	98	Forestar 342	169												
34	710/60R34	378 AGRISTAR XL	17														
34	710/75R34	375	75														
34	800/50R34	388	98														
34	850/45R34	388	98														
34	IF 420/85R34	354 Agriflex	58														
34	IF 650/65R34 CFO	372 Agriflex CFO	72														
34	IF 650/65R34*	372 Agriflex	16, 73														
36	11.2R36	350	62														
36	12.4-36	324	44	357	48	324 Farm-PRO*	51										
36	230/95R36	350	63														
36	270/95R36	350	63														
36	320/85R36	FarmPRO Radial (842) and FarmPRO Radial II (846)	30														
36	340/85R36	FarmPRO Radial (842) and FarmPRO Radial II (846)	30														
36	8.3R36	350	63														
36	9.5-36	324	44														
36	9.5R36	350	63														
38	11.2-38	768	52														
38	*11.2-38 (270/95-38)*	350	65														
38	11.2R38 (270/95R38)	350	63														
38	13.6-38	357	48														
38	14.00-38	357	48														
38	15.5-38	358	49	324 Farm-PRO	51												
38	16.9-38	347	47	324 Farm-PRO	51	356 Forest	194										
38	18.4-38	347	47	357	48	324 FarmPRO	51	356 Forest	194								
38	20.8-38	347	47	385 Forest	191	356 Forest	194										
38	270/95-38	324	44														
38	320/85R38	FarmPRO Radial (842) and FarmPRO Radial II (846)	30														



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Rim	Size	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.
38	340/85R38	FarmPRO Radial (842) and FarmPRO Radial II (846)	30														
38	380/80R38	385	26	FarmPRO Radial (842) and FarmPRO Radial II (846)	30												
38	420/85-38	333 Forest	185														
38	420/85R38	385	27	FarmPRO Radial (842) and FarmPRO Radial II (846)	30												
38	460/85-38	333 Forest	185														
38	460/85R38	385	27	FarmPRO Radial (842) and FarmPRO Radial II (846)	30												
38	480/70-38	370 Forest	190														
38	480/70R38	370 Agristar	23	FarmPro Radial 70 (845)	25												
38	*480/80R38 (18.4R 38)*	550 MULTIUSE	35														
38	520/70-38	370 Forest	190														
38	520/70R38	370 Agristar	23	FarmPro Radial 70 (845)	25												
38	520/85-38	333 Forest	185														
38	520/85R38	385	27	FarmPRO Radial (842) and FarmPRO Radial II (846)	30												
38	540/65-38	360 Forest	187														
38	540/65R38	Agristar 365	20	360	81												
38	*540/80R38 (20.8R 38)*	550 MULTIUSE	35														
38	580/70-38	370 Forest	190														
38	580/70R38	370 Agristar	23	FarmPro Radial 70 (845)	25												
38	600/65-38	360 Forest	187														
38	600/65R38	Agristar 365	20	550 MULTIUSE	35	360	81										
38	650/65-38	Forestar 342	169	360 Forest	187												
38	650/65R38	Agristar 365	20	550 MULTIUSE	35	360	80,81	Forestar 342	169								
38	650/75-38	360 Forest	187														
38	650/75R38	378 AGRISTAR XL	17														
38	650/85R38	385	27	550 MULTIUSE	35												
38	710/70R38	Agristar 365	20	370 Agristar	23	FarmPro Radial 70 (845)	25	360	81	360 Forest	187						
38	800/70R38	370 Agristar	23														
38	900/55R38	378 AGRISTAR XL	17														
38	900/60R38	378 AGRISTAR XL	17														
38	IF 520/85R38	372 Agriflex	16, 73														
38	IF 900/60R38 CFO	372 Agriflex CFO	73														
38	IF 380/80R38	354 Agriflex	58														
38	IF 380/95R38	354 Agriflex	58														
38	IF 710/85R38 CFO	372 Agriflex CFO	72														
38	IF 710/85R38*	372 Agriflex	16, 73														
38	IF 800/70R38 CFO	372 Agriflex CFO	73														
38	IF 900/60R38*	372 Agriflex	16, 73														
38	VF 380/80R38	354 Agriflex+	57														

ALLIANCE RANGE OF TIRES ACCORDING TO RIM

Rim	Size	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.
38	VF 710/60R38	372 Agriflex+	15,71														
40	"9.5R40 (230/95R40)"	350	63														
42	IF 710/70R42	372 Agriflex	73														
42	"230/95R42 (9.5R42)"	350	63														
42	11.2R42 (270/95R42)	350	63														
42	320/80R42	FarmPRO Radial (842) and FarmPRO Radial II (846)	30														
42	320/90R42	FarmPRO Radial (842) and FarmPRO Radial II (846)	31														
42	480/80R42	FarmPRO Radial (842) and FarmPRO Radial II (846)	31														
42	520/85-42	333 Forest	185														
42	520/85R42	FarmPRO Radial (842) and FarmPRO Radial II (846)	31														
42	"520/85R42 (20.8R42)"	385	27														
42	580/70R42	370 Agristar	23														
42	620/70R42	360	80														
42	620/80R42	550 MULTIUSE	35														
42	650/65R42	Agristar 365	20	550 MULTIUSE	35	360	80	360 Forest	187								
42	VF 710/60R42	372 Agriflex+	15,71														
42	710/70R42	Agristar 365	20	370 Agristar	23	FarmPro Radial 70 (845)	25	550 MULTIUSE	35	Forestar 342	169	365 Forest	188				
42	710/75R42	378 AGRISTAR XL	17														
42	900/50R42	378 AGRISTAR XL	17														
42	900/60R42	378 AGRISTAR XL	17														
42	IF 520/85R42	372 Agriflex	16, 73														
42	IF 580/85R42 CFO	372 Agriflex CFO	73														
42	IF 710/70R42	372 Agriflex	16														
42	IF 710/75R42 CFO	372 Agriflex CFO	73														
42	IF 710/75R42"	372 Agriflex	16, 73														
42	VF 650/65R42"	365 VF	18														
42	VF 710/60R42	372 Agriflex+	15,71														
44	11.2R44	350	63														
44	"230/95R44 (9.5R44)"	350	63														
44	270/95R44	350	63														
44	8.3R44	350	63														
44	9.5R44	350	64														
46	IF 380/90R46	354 Agriflex	58														
46	VF 380/90R46	363 Agriflex +	60														
46	13.6R46	350	64														
46	14.9R46	350	64														
46	"270/95R46 (11.2R46)"	350	64														
46	300/95R46	350	64														
46	320/90R46	FarmPRO Radial (842) and FarmPRO Radial II (846)	31														
46	"320/90R46 (12.4R46)"	350	64														
46	340/85R46	350	64														
46	380/105R46	350	64														



BETTER VALUE.
SMARTER CHOICE.

ALLIANCE RANGE OF TIRES ACCORDING TO RIM

Rim	Size	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.	Patterns	Page No.
46	380/90R46	FarmPRO Radial (842) and FarmPRO Radial II (846)	31														
46	"380/90R46 (14.9R46)"	350	64														
46	420/80R46	385	27														
46	480/80R46	385	26	FarmPRO Radial (842) and FarmPRO Radial II (846)	31												
46	520/85R46	385	26,28	FarmPRO Radial (842) and FarmPRO Radial II (846)	31	375	75										
46	620/70R46	376	78														
46	IF 320/105R46	354 Agriflex	58														
46	IF 320/90R46	354 Agriflex	58	363 Agriflex	61												
46	IF 380/90R46	363 Agriflex	61														
46	IF 520/85R46	354 Agriflex	58														
46	IF 710/65R46*	372 Agriflex	16, 73														
46	VF 320/105R46	354 Agriflex+	57														
46	VF 380/90R46	354 Agriflex+	57														
46	VF 520/85R46	354 Agriflex+	57														
48	IF 340/85R48	354 Agriflex	58														
48	VF 230/95R48	363 Agriflex +	60														
48	VF 270/95R48	363 Agriflex +	60														
48	13.6R48	350	64														
48	"230/95R48 (9.5R48)"	350	64														
48	"270/95R48 (11.2R48)"	350	64														
50	IF 320/105R50	354 Agriflex	59														
50	IF 320/90R50	354 Agriflex	59														
50	VF 480/95R50	354 Agriflex+	57														
50	320/90R50	350	65														
50	380/105R50	350	65														
50	"380/90R50 (14.9R50)"	350	65														
50	480/80R50	385	28														
50	IF 380/105R50	354 Agriflex	59														
50	IF 380/105R50*	354 Agriflex	59														
50	IF 380/90R50	354 Agriflex	59														
50	IF 480/80R50	354 Agriflex	59	363 Agriflex	61												
50	IF 480/95R50	354 Agriflex	59														
50	VF 320/90R50*	354 Agriflex+	57														
50	VF 480/80R50	354 Agriflex+	57														
52	12.4R52	350	65														
52	300/95R52	350	65														
54	IF 320/90R54	354 Agriflex	59														
54	IF 380/90R54	354 Agriflex	59														
54	VF 270/95R54	363 Agriflex +	60														
54	11.2R54	350	65														
54	12.4R54	350	65														
54	270/95R54	350	65														
54	320/90R54	350	65														
54	380/90R54	350	65														
54	IF 230/115R54*	354 Agriflex	59														
54	IF 270/105R54*	354 Agriflex	59														
54	IF 320/105R54*	354 Agriflex	59														
54	IF 380/105R54*	354 Agriflex	59														

