Firestone

Technical Data
Firestone Agricultural Tyres

2014

This manual has been prepared to help you obtain the maximum safety and value from Firestone tyres. While not completely comprehensive, it provides useful definitions, advice on proper selection and care, and lists the detailed specifications of a wide range of patterns and sizes. We hope that you will get the very most out of our high quality products. Further information or advice on FS tyres can be obtained from the Technical Service Division of Firestone.

Loads & pressures shown in the data tables are calculated in accordance to the European Tyre and Rim Technical Organisation guidelines for variation in load capacity by speed. You should never exceed either the recommendations from the vehicle manufacturer or legal maximums for axle load or speed.Tyre pressures shown in the data tables for less than maximum load / speed are the minimum pressures.Tyre pressure may only be adjusted when the tyre is “cold”. The maximum tyre pressure shown in the data tables may not be exceeded in use.

Loads or Inflation Pressures not shown for any tyre are not permitted without express permission of the manufacturer.

LEGEND:

Unloaded section width (mm)	Overall diameter unloaded (mm)	Static loaded radius (mm)	Rolling circum-ference (mm)	Recom-mended rim	Permitted rims	Inflation pressure (kPa)	Speed (Km/h)

1 inch = 25.4 millimeters = 2.54 centimeters
1 psi = 6.895 kilopascal (kPa) = 0.06895 bar

Firestone

Firestone agricultural tyres are designed from the ground up to deliver greater performance and efficiency, whatever the conditions. Advanced pattern designs and construction methods let you carry higher loads at reduced pressures, thereby minimizing the damage to your precious top soil. Firestone’s unique Dual Angle lugs, wide tread profiles and flexible but durable sidewalls, on the other hand, extend the life of your tyres while delivering excellent traction and driving comfort both on the road and in the field.

In short, Firestone agricultural tyres help you get most out of your farm, each and every day.

CONTENT

Radial-Agricultural

Tractor

MAXI TRACTION 24
MAXI TRACTION IF 28
PERFORMER 65 30
PERFORMER 70 36
PERFORMER 85 44
R1070 56
R1085 60
R4000 64
R8000 SEVERE SERVICE 68
R9000 124
RADCSG 124
RAT23 124
RATFWD 124
RDT23 124
RATDT 124

Combine - Harvester

MAXI TRACTION 72
RATDT 124

Row Crop

PERFORMER 85 76
PERFORMER 90 76
PERFORMER 95 76
RATDT 124
R9000 124
R9100 124
RADCSG 124

Radial-Industrial

Backhoe-Loader/Telehandler

DURAFORCE-UTILITY 84
R8000 UTILITY 88

Bias-Agricultural

Tractor

ATC 96
RANCHER 98
AT F&R 100
OCM 100
SAT23 100
RIB 102
3RIB 104
4RIB 104
SAT 124
SATHD 124
TURF 124
CHSPADE 124

Flotation

FL23DTL 125
FLT23 125
FLT23DT 125

Combine - Harvester

AT F&R 108
SATHD 125

Free Rolling

FARM 112
ANS 125
RIBIMP 125
INDSP 125
PWRIMP 125
CGUID4R 125
CH3RHD 125
CHGG3R 125
FARM 125

Bias-Industrial

Backhoe-Loader/Telehandler

S8000 UTILITY 116
STL 118
ATU 122
DURAFHD 125
DURAFND 125
DURAFDT 125
ATU 125
STL 125
STDUP 125

Bias-Forestry

Logger

FORESTRY 125

Bias-Tractor Pulling

Puller

PULLER 125

ALL AGRICULTURAL TYRES BY SIZE

Rim	Width	/	Aspect Ratio	Con-struction	Rim	Speed-Load Index / PR	Extra Load	Tube Type/ Tubeless	Tyre Pattern	Page
8	4.00			-	8	2		TT	RANCHER	98
10	5.0			-	10	2		TT	RANCHER	98
12	4.00			-	12	4		TT	RIB	102
	4.00/5			-	12	2		TT	RANCHER	98
	5.00			-	12	6		TT	RANCHER	98
	7.00			-	12	6		TT	RANCHER	98
	8.50			-	12	6		TT	RIB	102
	11.0/65			-	12	6		TT	RANCHER	98
15	4.00			-	15	4		TT	RIB	102
	5.00			-	15	2		TT	RANCHER	98
	5.00			-	15	6		TT	RIB	102
	8.0/75			-	15	6		TT	RANCHER	98
	9.5			-	15	8		TL	CGUID4R	125
	11L			-	15	8		TL	CHGG3R	125
	11L			-	15	8		TT	FARM	125
	215	/	70	-	15	8		TL	DURAFORCE DT	125
	27X8.50			-	15	6		TL	STL	125
	31X13.50			-	15	8		TL	TURF	124
	31X15.50			-	15	8		TL	FLT23	125
	390	/	60	-	15	8		TL	DURAFORCE DT	125
15.3	10			-	15.3	10		TT	FARM	112
	10.0/75			-	15.3	8		TT	RANCHER	98
	11.5			-	15.3	12		TT	FARM	112
	11.5/80			-	15.3	12		TT	RANCHER	98
	27X10			-	15.3	8		TT	RANCHER	98
16	5.50			-	16	6		TT	RIB	102
	6.00			-	16	6		TT	3 RIB	104
	6.00			-	16	6		TT	RIB	102
	6.50			-	16	6		TT	RIB	102
	6.50			-	16	8		TT	RANCHER	98
	7.00			-	16	8		TT	RIB	102
	7.50			-	16	8		TT	3 RIB	104
	7.50			-	16	8		TT	RIB	102
	7.50			-	16	10		TT	RIB	102
	7.50			R	16	102A8/99B		TL	R4000	64
	9.00			-	16	10		TL	4 RIB	104
	10.00			-	16	10		TL	3 RIB	104
	10.50			-	16	14		TT	FARM	112
	11.00			-	16	8		TL	3 RIB	104

Rim	Width	/	Aspect Ratio	Con-struction	Rim	Speed-Load Index / PR	Extra Load	Tube Type/ Tubeless	Tyre Pattern	Page
	11.00			-	16	8		TL	CGUID4R	125
	11.00			-	16	12		TL	CGUID4R	125
	11L			-	16	12		TL	INDSP	125
	280	/	70	R	16	112A8/109B		TL	R4000	65
16.1	13.50			-	16.1	10		TL	ANS	125
	16.5L			-	16.1	10		TL	FARM	125
	21.5L			-	16.1	14		TL	FARM	125
	21.5L			-	16.1	14		TL	PWRIMP	125
16.5	265	/	70	-	16.5	8		TL	DURAFORCE DT	125
	265	/	70	-	16.5	8		TL	DURAFORCE HD	125
	305	/	70	-	16.5	10		TL	DURAFORCE DT	125
	305	/	70	D	16.5	10		TL	DURAFORCE HD	125
	395	/	55	-	16.5	12		TL	DURAFORCE DT	125
18	7.50			-	18	6		TT	RANCHER	98
	7.50			-	18	8		TL	RIB	102
	7.50			-	18	8		TT	3 RIB	104
	7.50			R	18	104A8/101B		TL	R4000	64
	10.5/80			-	18	10		TL	ATU	122
	12.0/12.5			-	18	12		TL	ATU	122
	12.5/80			-	18	12		TL	4 RIB	104
	13.0/65			-	18	14		TT	FARM	112
	280	/	70	R	18	114A8/111B		TL	R4000	64
	280	/	80	-	18	132A8		TL	STL	118
	340	/	80	-	18	143A8		TL	STL	118
	340	/	80	R	18	136A8		TL	R8000 UTILITY	88
	340	/	80	R	18	143A8		TL	DURAFORCE UTILITY	84
	405	/	70	R	18	141B		TL	DURAFORCE UTILITY	84
19	4.50			-	19	2		TT	RANCHER	98
	6.00			-	19	6		TT	RIB	102
19.5	15			-	19.5	12		TL	STDUP	125
	385	/	65	-	19.5	12		TL	DURAFORCE ND	125
	445	/	65	-	19.5	16		TL	DURAFORCE ND	125
20	6.50			-	20	6		TT	RIB	102
	7.50			-	20	6		TT	CH3RHD	125
	7.50			-	20	6			RIB	102
	9.5			-	20	6		TT	ATC	96
	12.5			-	20	10		TL	ATU	122
	280	/	70	R	20	116A8/113B		TL	R4000	64
	280	/	80	-	20	133A8		TL	STL	118

ALL AGRICULTURAL TYRES BY SIZE

Rim	Width	/	Aspect Ratio	Con-struction	Rim	Speed-Load Index / PR	Extra Load	Tube Type/ Tubeless	Tyre Pattern	Page
	280	/	85	R	20	112D/109E		TL	PERFORMER 85	44
	300	/	70	R	20	120A8/117B		TL	R4000	64
	320	/	70	R	20	123A8/120B		TL	R4000	64
	320	/	70	R	20	130A8/130B	Extra Load	TL	R4000	66
	320	/	70	R	20	119D/116E		TL	PERFORMER 85	44
	335	/	80	R	20	136B		TL	DURAFORCE UTILITY	84
	340	/	80	-	20	144A8		TL	STL	118
	360	/	70	R	20	129A8/126B		TL	R4000	66
	365	/	80	R	20	141B		TL	DURAFORCE UTILITY	84
	400	/	70	-	20	144A8		TL	STL	118
	400	/	70	R	20	149A8		TL	DURAFORCE UTILITY	84
	400	/	70	R	20	149A8		TL	R8000 UTILITY	88
	48X25.00			-	20	10		TL	FLT23DT	125
21	4.00/4.50			-	21	4		TT	RIB	102
	5.00/5.25			-	21	6		TT	RIB	102
24	9.00			-	24	8		TT	RIBIMP	125
	9.5			-	24	6		TT	ATC	96
	11.2			-	24	8		TT	ATC	96
	12.4			-	24	8		TT	ATC	96
	12.4			-	24	12		TT	ATU	122
	14.9			-	24	8		TT	ATC	96
	14.9			-	24	12		TL	ATU	125
	16.9			-	24	6		TL	ANS	125
	16.9			-	24	12		TL	ATU	125
	17.5L			-	24	10		TL	ATU	125
	19.5L			-	24	12		TL	ATU	125
	21L			-	24			TL	ATU	125
	250	/	85	R	24	109A8/106B		TL	R1085	60
	250	/	85	R	24	109D/106E		TL	PERFORMER 85	44
	280	/	85	R	24	115A8/112B		TL	R1085	60
	280	/	85	R	24	115D/112E		TL	PERFORMER 85	44
	280	/	85	R	24	130A8/130B	Extra Load	TL	PERFORMER 85	44
	320	/	70	R	24	116A8/116B		TL	R1070	56
	320	/	70	R	24	116D/113E		TL	PERFORMER 70	36
	320	/	85	R	24	122A8/119B		TL	R1085	60
	320	/	85	R	24	122D/119E		TL	PERFORMER 85	44
	340	/	85	R	24	125A8/122B		TL	R1085	60
	340	/	85	R	24	125D/122E		TL	PERFORMER 85	46
	340	/	85	R	24	136A8/136B	Extra Load	TL	PERFORMER 85	46
	360	/	70	R	24	122A8/122B		TL	R1070	56

Rim	Width	/	Aspect Ratio	Con-struction	Rim	Speed-Load Index / PR	Extra Load	Tube Type/ Tubeless	Tyre Pattern	Page
	360	/	70	R	24	122D/119E		TL	PERFORMER 70	36
	380	/	70	R	24	125D/122E		TL	PERFORMER 70	36
	380	/	85	R	24	131A8/128B		TL	R1085	60
	380	/	85	R	24	131D/128E		TL	PERFORMER 85	46
	400	/	70	R	24	158A8		TL	R8000 UTILITY	88
	400	/	80	-	24	156A8		TL	S8000 UTILITY	116
	400	/	80	R	24	156A8		TL	R8000 UTILITY	88
	420	/	70	R	24	130A8/130B		TL	R1070	56
	420	/	70	R	24	130D/127E		TL	PERFORMER 70	36
	420	/	70	R	24	136A8/136B	Extra Load	TL	PERFORMER 70	36
	420	/	85	R	24	137A8/134B		TL	R1085	60
	420	/	85	R	24	137D/134E		TL	PERFORMER 85	46
	420	/	85	R	24	142A8/142B	Extra Load	TL	PERFORMER 85	46
	440	/	65	R	24	128D/125E		TL	PERFORMER 65	30
	460	/	70	R	24	152A8		TL	R8000 UTILITY	88
	460	/	70	R	24	159A8		TL	DURAFORCE UTILITY	84
	480	/	65	R	24	133D/130E		TL	PERFORMER 65	30
	480	/	70	R	24	138A8/138B		TL	R1070	56
	480	/	70	R	24	138D/135E		TL	PERFORMER 70	36
	500	/	70	R	24	157A8/157B		TL	DURAFORCE UTILITY	86
	540	/	65	R	24	140D/137E		TL	PERFORMER 65	30
25	54X37.00			-	25	12		TL	FL23DTL	125
	54X37.00			-	25	20		TL	FL23DTL	124
	66X43.00			-	25	10		TL	FLT23DT	124
	66X43.00			-	25	16		TL	FLT23DT	124
26	14.9			-	26	10		TL	SAT	124
	14.9			R	26	132A8/132B		TL	RATFWD	124
	18.4			-	26	6		TL	ANS	125
	18.4			-	26	10		TT	FORESTRY	125
	18.4			R	26	140A8/140B		TL	RATFWD	124
	23.1			-	26	10		TL	CHSPADE	124
	23.1			-	26	10		TT	FORESTRY	125
	23.1			-	26	12		TL	ANS	125
	23.1			-	26	14		TT	ATC	96
	23.1			-	26	14		TT	FORESTRY	125
	28L			-	26	12		TL	ANS	125
	28L			-	26	14		TL	FORESTRY	125
	28L			-	26	16		TL	ANS	125
	28L			-	26	16		TL	FORESTRY	125
	420	/	85	R	26	138A8/138B		TL	RATFWD	142

ALL AGRICULTURAL TYRES BY SIZE

Rim	Width	/	Aspect Ratio	Con-struction	Rim	Speed-Load Index / PR	Extra Load	Tube Type/ Tubeless	Tyre Pattern	Page
	480	/	80	-	26	160A8		TL	STL	120
	480	/	80	R	26	160A8		TL	DURAFORCE UTILITY	86
28	11.2			-	28	6		TT	ATC	96
	12.4			-	28	6		TT	ATC	96
	13.6			-	28	6		TT	ATC	96
	16.9			-	28	8		TT	ATC	96
	16.9			-	28	10		TT	ATU	122
	16.9			-	28	14		TT	ATU	122
	16.9	/		R	28	136A8		TL	RADCSG	124
	18.4			-	28	12		TL	ATU	125
	250	/	85	R	28	112D/109E		TL	PERFORMER 85	46
	280	/	85	R	28	118A8/115B		TL	R1085	60
	280	/	85	R	28	118D/115E		TL	PERFORMER 85	48
	320	/	85	R	28	124A8/121B		TL	R1085	60
	320	/	85	R	28	124D/121E		TL	PERFORMER 85	48
	340	/	85	R	28	127A8/124B		TL	R1085	60
	340	/	85	R	28	127D/124E		TL	PERFORMER 85	48
	360	/	70	R	28	125A8/125B		TL	R1070	56
	360	/	70	R	28	125D/122E		TL	PERFORMER 70	38
	380	/	70	R	28	127A8/127B		TL	R1070	56
	380	/	70	R	28	127D/124E		TL	PERFORMER 70	38
	380	/	85	R	28	133A8/130B		TL	R1085	62
	380	/	85	R	28	133D/130E		TL	PERFORMER 85	48
	420	/	70	R	28	133A8/133B		TL	R1070	56
	420	/	70	R	28	133D/130E		TL	PERFORMER 70	38
	420	/	85	R	28	139A8		TL	RATFWD	124
	420	/	85	R	28	139A8/136B		TL	R1085	62
	420	/	85	R	28	139D/136E		TL	PERFORMER 85	48
	420	/	85	R	28	144A8/144B	Extra Load	TL	PERFORMER 85	48
	440	/	65	R	28	131D/128E		TL	PERFORMER 65	30
	440	/	80	-	28	156A8		TL	STL	120
	440	/	80	R	28	156A8		TL	DURAFORCE UTILITY	86
	440	/	80	R	28	156A8		TL	R8000 UTILITY	88
	480	/	65	R	28	136D/133E		TL	PERFORMER 65	30
	480	/	70	R	28	140A8/140B		TL	R1070	56
	480	/	70	R	28	140D/137E		TL	PERFORMER 70	38
	480	/	70	R	28	151A8/151B	Extra Load	TL	PERFORMER 70	38
	540	/	65	R	28	142D/139E		TL	PERFORMER 65	30
	600	/	65	R	28	154D/151E		TL	MAXI TRACTION	24
	IF600	/	65	R	28	160D/157E		TL	MAXI TRACTION IF	28

Rim	Width	/	Aspect Ratio	Con-struction	Rim	Speed-Load Index / PR	Extra Load	Tube Type/ Tubeless	Tyre Pattern	Page
	600	/	70	R	28	152A8/152B		TL	RATDT	124
	600	/	70	R	28	157D/154E		TL	MAXI TRACTION	24
	IF600	/	70	R	28	164D/160E		TL	MAXI TRACTION IF	28
30	14.9			-	30	6		TT	ATC	96
	16.9			-	30	8		TT	ATC	96
	16.9			-	30			TT	AT F&R	100
	16.9			-	30	10		TT	FORESTRY	125
	16.9			R	30	141A8		TL	RADCSG	124
	18.4			-	30	8		TT	AT F&R	100
	18.4			-	30	12		TT	ATC	96
	23.1			-	30	14		TT	AT F&R	108
	380	/	85	R	30	135A8/135B		TL	RATFWD	124
	380	/	85	R	30	135D/132E		TL	PERFORMER 85	50
	420	/	85	R	30	140A8/137B		TL	R1085	62
	420	/	85	R	30	140D/137E		TL	PERFORMER 85	50
	460	/	85	R	30	145D/142E		TL	PERFORMER 85	50
	480	/	70	R	30	141A8/141B		TL	R1070	56
	480	/	70	R	30	141D/138E		TL	PERFORMER 70	38
	480	/	70	R	30	147D/144E	Extra Load	TL	PERFORMER 70	40
	480	/	70	R	30	152A8/152B		TL	RATDT	124
	480	/	80	R	30	145A8		TL	RATDT	124
	540	/	65	R	30	143D/140E		TL	PERFORMER 65	32
	540	/	65	R	30	150D/147E	Extra Load	TL	PERFORMER 65	32
	600	/	65	R	30	155D/152E		TL	MAXI TRACTION	24
	IF600	/	65	R	30	161D/158E		TL	MAXI TRACTION IF	28
	600	/	70	R	30	158D/155E		TL	MAXI TRACTION	24
	IF600	/	70	R	30	165D/161E		TL	MAXI TRACTION IF	28
	620	/	75	R	30	163D/160E		TL	MAXI TRACTION	24
	620	/	75	R	30	168A8/168B		TL	MAXI TRACTION	72
32	24.5			-	32	10		TT	CHSPADE	124
	24.5			-	32	12		TL	ANS	125
	24.5			-	32	16		TL	FORESTRY	125
	24.5			-	32	20		TT	AT F&R	108
	24.5			-	32	10		TL	PULLER 2000	125
	30.5L			-	32	26		TL	FORESTRY	125
	30.5L			-	32	HP		TL	PULLER 2000	125
	35.5L			-	32	24		TL	FORESTRY	125
	230	/	95	R	32	128D/143A2		TL	PERFORMER 95	76
	270	/	95	R	32	136D/150A2		TL	PERFORMER 95	76

ALL AGRICULTURAL TYRES BY SIZE

Rim	Width	/	Aspect Ratio	Con-struction	Rim	Speed-Load Index / PR	Extra Load	Tube Type/ Tubeless	Tyre Pattern	Page
	320	/	90	R	32	134D/148A2		TL	PERFORMER 90	76
	650	/	75	R	32	172A8/172B		TL	MAXI TRACTION	72
	68X50.00			-	32	24		TL	FLT23DT	125
	73X44.00			-	32	16		TL	FLT23DT	125
	800	/	65	R	32	172A8/172B		TL	RATDT	124
	800	/	65	R	32	178A8/178B		TL	MAXI TRACTION	72
	900	/	60	R	32	181A8/181B		TL	MAXI TRACTION	72
34	16.9			-	34	8		TT	OCM	100
	18.4			-	34	8		TT	ATC	96
	18.4			-	34	10		TT	FORESTRY	125
	23.1			R	34	*1		TL	RAT23	124
	290	/	95	R	34	131A8		TL	R9000	124
	320	/	85	R	34	133A8/133B		TL	R9000	124
	380	/	85	R	34	137A8/137B		TL	RATFWD	124
	420	/	85	R	34	142A8/139B		TL	R1085	62
	420	/	85	R	34	142D/139E		TL	PERFORMER 85	50
	420	/	85	R	34	147A8		TL	RATDT	124
	460	/	85	R	34	147A8/144B		TL	R8000SS	68
	460	/	85	R	34	147D/144E		TL	PERFORMER 85	50
	480	/	70	R	34	143A8/143B		TL	R1070	58
	480	/	70	R	34	143D/140E		TL	PERFORMER 70	40
	520	/	70	R	34	148A8/148B		TL	R1070	58
	520	/	70	R	34	148D/145E		TL	PERFORMER 70	40
	540	/	65	R	34	145D/142E		TL	PERFORMER 65	32
	540	/	65	R	34	152D/149E	Extra Load	TL	PERFORMER 65	32
	600	/	65	R	34	151D/148E		TL	PERFORMER 65	32
	700	/	55	-	34	14		TL	FORESTRY	125
	710	/	75	R	34	168A8/168B		TL	RATDT	124
	710	/	75	R	34	178A8 178B		TL	MAXI TRACTION	72
36	13.6			-	36			TT	ATC	96
	230	/	95	R	36	130D/145A2		TL	PERFORMER 95	78
	270	/	95	R	36	139D/153A2		TL	PERFORMER 95	78
	320	/	95	R	36	128D/125E		TL	PERFORMER 85	50
	340	/	85	R	36	132A8/129B		TL	R1085	62
	340	/	85	R	36	132D/129E		TL	PERFORMER 85	52
38	15.5			-	38	6		TL	SAT23	100
	18.4			-	38	8		TT	ATC	96
	18.4			R	38	146A8		TL	RADCSG	124
	20.8			-	38	10		TT	ATC	96

Rim	Width	/	Aspect Ratio	Con-struction	Rim	Speed-Load Index / PR	Extra Load	Tube Type/ Tubeless	Tyre Pattern	Page
	20.8			R	38	153A8		TL	RADCSG	124
	270	/	95	R	38	140D/154A2		TL	PERFORMER 95	78
	320	/	85	R	38	143A8/143B		TL	R9000	124
	340	/	85	R	38	133A8/130B		TL	R1085	62
	340	/	85	R	38	133D/130E		TL	PERFORMER 85	52
	380	/	80	R	38	142A8/142B		TL	RATDT	124
	420	/	85	R	38	144A8/141B		TL	R1085	62
	420	/	85	R	38	144D/141E		TL	PERFORMER 85	52
	460	/	85	R	38	149A8/146B		TL	R1085	62
	460	/	85	R	38	149A8/146B		TL	R8000SS	68
	460	/	85	R	38	149A8/146B		TL	RATDT	124
	460	/	85	R	38	149D/146E		TL	PERFORMER 85	52
	460	/	85	R	38	154D/151E	Extra Load	TL	PERFORMER 85	52
	480	/	70	R	38	145A8/145B		TL	R1070	58
	480	/	70	R	38	145D/142E		TL	PERFORMER 70	40
	480	/	80	R	38	149A8		TL	RAT23	124
	520	/	70	R	38	150A8/150B		TL	R1070	124
	520	/	70	R	38	150D/147E		TL	PERFORMER 70	62
	520	/	85	D	38	173A8		TL	SATHD	68
	520	/	85	R	38	155A8		TL	RAT23	124
	520	/	85	R	38	155A8/152B		TL	R1085	52
	520	/	85	R	38	155A8/152B		TL	R8000SS	54
	520	/	85	R	38	155A8/152B		TL	RATDT	34
	520	/	85	R	38	155D/152E		TL	PERFORMER 85	58
	520	/	85	R	38	160D/157E	Extra Load	TL	PERFORMER 85	40
	540	/	65	R	38	147D/144E		TL	PERFORMER 65	34
	580	/	70	R	38	155A8/155B		TL	R1070	58
	580	/	70	R	38	155D/152E		TL	PERFORMER 70	40
	600	/	65	R	38	153D/150E		TL	PERFORMER 65	34
	650	/	65	R	38	157D/154E		TL	PERFORMER 65	34
	650	/	65	R	38	163D/160E	Extra Load	TL	PERFORMER 65	34
	650	/	75	R	38	169D/166E		TL	MAXI TRACTION	26
	IF650	/	75	R	38	175D/172E		TL	MAXI TRACTION IF	28
	650	/	85	R	38	173D/170E		TL	MAXI TRACTION	26
	IF650	/	85	R	38	179D/176E		TL	MAXI TRACTION IF	28
	710	/	70	R	38	171D/168E		TL	MAXI TRACTION	26
	IF710	/	70	R	38	178D/175E		TL	MAXI TRACTION IF	28
	IF800	/	70	R	38	184D/181E		TL	MAXI TRACTION IF	28
42	300	/	95	R	42	147D/161A2		TL	PERFORMER 95	78
	320	/	90	R	42	139A8/139B		TL	R9000	124

ALL AGRICULTURAL TYRES BY SIZE

Rim	Width	/	Aspect Ratio	Con-struction	Rim	Speed-Load Index / PR	Extra Load	Tube Type/ Tubeless	Tyre Pattern	Page
	460	/	85	R	42	150D/147E		TL	PERFORMER 85	54
	460	/	85	R	42	156D/153E	Extra Load	TL	PERFORMER 85	54
	480	/	80	R	42	154A8/154B		TL	RAT23	124
	520	/	85	R	42	157A8		TL	RADCSG	124
	520	/	85	R	42	157A8		TL	RDT23	124
	520	/	85	R	42	157D/154E		TL	PERFORMER 85	54
	520	/	85	R	42	162D/159E	Extra Load	TL	PERFORMER 85	54
	580	/	70	R	42	158D/155E		TL	PERFORMER 70	40
	620	/	70	R	42	166D/163E		TL	MAXI TRACTION	26
	IF620	/	70	R	42	172D/169E		TL	MAXI TRACTION IF	28
	650	/	65	R	42	158D/155E		TL	PERFORMER 65	34
	710	/	70	R	42	173D/170E		TL	MAXI TRACTION	26
	IF710	/	70	R	42	179D/176E		TL	MAXI TRACTION IF	28
	IF850	/	75	R	42	186A8/186B		TL	RDT23	124
	900	/	50	R	42	168A8/168B		TL	R9000	124
44	230	/	95	R	44	134D/148A2		TL	PERFORMER 95	78
	270	/	95	R	44	142D/156A2		TL	PERFORMER 95	80
46	14.9			R	46	145A8/145B		TL	RAT23	124
	300	/	95	R	46	148D/162A2		TL	PERFORMER 95	80
	320	/	90	R	46	148A8/148B		TL	R9000	124
	320	/	90	R	46	148A8		TL	RADCSG	124
	380	/	90	R	46	152A8/152B		TL	R9000	124
	480	/	80	R	46	158A8		TL	RAT23	124
	520	/	85	R	46	158A8/158B		TL	RDT23	124
48	230	/	95	R	48	134A8/134B		TL	R9000	124
	230	/	95	R	48	136D/150A2		TL	PERFORMER 95	80
	270	/	95	R	48	144D/158A2		TL	PERFORMER 95	80
	340	/	85	R	48	151D/165A2		TL	PERFORMER 85	76
50	320	/	90	R	50	148A8/148B		TL	R9000	124
	380	/	105	R	50	168A8/168B		TL	R9100	124
	380	/	90	R	50	151A8/151B		TL	R9000	124
	480	/	90	R	50	159A8		TL	RDT23	124
	IF480	/	95	R	50	165B		TL	RDT23	124
52	300	/	95	R	52	151D/165A2		TL	PERFORMER 95	80
54	320	/	90	R	54	149A8/149B		TL	RATDT	124
	380	/	90	R	54	152A8/152B		TL	R9000	124

Size Markings

Front Tyre Marking

7.50-16 6 PR

- ply rating
- rim diameter in inches
- dash denotes crossply construction
- section width in inches

Radial (Standard) Tyre Marking

18.4R38 146 A8 143B

- speed symbol for 50 km/h
- load index at 50 km/h
- speed symbol for 40 km/h
- load index at 40 km/h
- rim diameter in inches
- "R" denotes radial construction
- section width in inches

Implement Tyre Marking

(special rim diameter used in Europe)

11.5/80-15.3

- rim diameter in inches
- dash denotes crossply construction
- approximate aspect ratio
- section width in inches

Radial (Metric) Tyre Marking

520/70R38

- rim diameter in inches
- "R" denotes radial construction
- approximate aspect ratio
- section width in mm

Flotation Tyre Marking

66 x 43.00-25 10 PR

- ply rating
- nominal diameter of the rim in inches
- dash denotes crossply construction
- section width in inches
- approximate overall diameter in inches

Speed Symbols - Load Indexes

The speed symbol indicates the speed at which the tyre can carry a load corresponding to its load index under service conditions specified by the tyre manufacturer.

Speed symbols	Speed (km/h)
A1	5
A2	10
A3	15
A4	20
A5	25
A6	30
A7	35
A8	40
B	50
C	60
D	65
E	70
F	80
G	90

L.I.	kg	L.I.	kg	L.I.	kg	L.I.	kg	L.I.	kg
90	600	110	1060	130	1900	150	3350	170	6000
91	615	111	1090	131	1950	151	3450	171	6150
92	630	112	1120	132	2000	152	3550	172	6300
93	650	113	1150	133	2060	153	3650	173	6500
94	670	114	1180	134	2120	154	3750	174	6700
95	690	115	1215	135	2180	155	3875	175	6900
96	710	116	1250	136	2240	156	4000	176	7100
97	730	117	1285	137	2300	157	4125	177	7300
98	750	118	1320	138	2360	158	4250	178	7500
99	775	119	1360	139	2430	159	4375	179	7750
100	800	120	1400	140	2500	160	4500	180	8000
101	825	121	1450	141	2575	161	4625	181	8250
102	850	122	1500	142	2650	162	4750	182	8500
103	875	123	1550	143	2725	163	4875	183	8750
104	900	124	1600	144	2800	164	5000	184	9000
105	925	125	1650	145	2900	165	5150	185	9250
106	950	126	1700	146	3000	166	5300	186	9500
107	975	127	1750	147	3075	167	5450	187	9750
108	1000	128	1800	148	3150	168	5600	188	10000
109	1030	129	1850	149	3250	169	5800	189	10300

Table of Interchangeability

RIM	STANDARD	85 SERIE	75 SERIE	70 SERIE	65 SERIE	60 SERIE	55-50 SERIE	RADIAL NARROW (METRIC)	RADIAL NARROW (IMPERIAL)
16	6.5R16			260/70R16	280/65R16				
	7.5R16			280/70R16	320/65R16				
18	7.5R18			280/70R18	320/65R18				
20	7.5R20			280/70R20	340/65R18				
	9.5R20			300/70R20	340/65R20				
	11.2R20	280/85R20		320/70R20					
	12.4R20	320/85R20	340/75R20	360/70R20	420/65R20				
				300/70R24					
24	8.3R24	280/85R20							
	9.5R24	320/85R20	340/75R20		420/65R20				
		250/85R24		300/70R24					
	11.2R24	280/85R24		320/70R24	440/65R20				
	12.4R24	320/85R24		360/70R24	420/65R24				
	13.6R24	340/85R24		380/70R24	440/65R24			210/95R32	8.3R32
				400/70R24					
	14.9R24	380/85R24		420/70R24	480/65R24			230/95R32	9.5R32
	16.9R24	420/85R24		480/70R24	540/65R24			270/95R32	11.2R32
26	14.9R26			380/70R28	540/65R24				
	16.9R26			480/70R26	540/65R26				
	18.4R26			520/70R26	540/65R28	600/60R28	750/50R26	270/95R36	11.2R36
				480/70R28				230/95R38	9.5R38
				580/70R26					
	23.1R26		620/75R26	600/70R30	600/65R32		1000/50R25		
				650/70R26	750/65R26				
	28LR26		620/75R26	600/70R30	600/65R32		1000/50R25		
				650/70R26	750/65R26				
28	9.5R28	250/85R28		360/70R24	340/65R28				
	11.2R28	280/85R28		320/70R28	440/65R24			210/95R32	8.3R32
	12.4R28	320/85R28		360/70R28	420/65R28				
	13.6R28	340/85R28		380/70R28	440/65R28	480/60R28		270/95R32	11.2R32
	14.9R28	380/85R28		420/70R28	480/65R28	520/60R28		230/95R36	9.5R36
				480/70R26	540/65R26				
	16.9R28	420/85R28		480/70R28	540/65R28	600/60R28	750/50R26	270/95R36	11.2R36
				580/70R26					
30	14.9R30	380/85R30		480/70R28	540/65R28			270/95R36	11.2R36
				420/70R30					
	16.9R30	420/85R30	480/75R30	480/70R30	540/65R30	600/60R30		270/95R38	11.2R38
					600/65R28			230/95R40	
	18.4R30	460/85R30		520/70R30	600/65R30		710/55R30	420/90R30	8.3R44
		320/85R38		620/70R26				210/95R44	
				600/70R28					
	23.1R30		620/75R30	480/70R38	540/65R38	600/60R38			
				650/70R30					

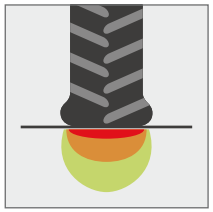
RIM	STANDARD	85 SERIE	75 SERIE	70 SERIE	65 SERIE	60 SERIE	55-50 SERIE	RADIAL NARROW (METRIC)	RADIAL NARROW (IMPERIAL)
32	12.4R32	320/85R32						230/95R38	9.5R38
	24.5R32		650/75R32	680/70R32		800/60R32			
			620/75R34						
	30.5LR32		680/75R32	680/70R34	800/65R32	710/60R38	900/55R32		
			650/75R34		750/65R34		1050/50R32		
34	14.9R34	380/85R34							
	16.9R34	420/85R34	400/75R38	480/70R34	540/65R34			230/95R44	9.5R44
	18.4R34	460/85R34	520/75R34	520/70R34	600/65R34			270/95R44	11.2R44
				650/70R30				230/95R48	9.5R48
	23.1R34		620/75R34	520/70R38	600/65R38				
			650/75R32						
36	11.2R36	320/85R34						270/95R36	11.2R36
	12.4R36	320/85R36	480/75R30	480/70R30	540/65R30	600/60R30		270/95R38	11.2R38
	13.6R36	340/85R36		520/70R30	600/65R30		710/55R30	210/95R44	8.3R44
		380/85R34		600/70R28					
		460/85R30		620/70R26					
38	12.4R38	320/85R38							
	13.6R38	340/85R38	400/75R38	500/70R34	540/65R34			230/95R44	9.5R44
	14.9R38	380/85R38	520/75R34	520/70R34	600/65R34				
		460/85R34		520/70R34					
	15.5R38	340/85R38	400/75R38	500/70R34	540/65R34			230/95R44	9.5R44
	16.9R38	420/85R38	620/75R30	480/70R38	540/65R38	600/60R38		230/95R48	9.5R48
	18.4R38	460/85R38	620/75R34	520/70R38	600/65R38	650/60R38		300/95R46	12.4R46
			650/75R32	680/70R32				270/95R48	11.2R48
	20.8R38	520/85R38	680/75R32	580/70R38	650/65R38	710/60R38	900/55R32	320/90R50	
				620/70R38	750/65R34		1050/50R32	380/90R46	
42	18.4R42	460/85R42	680/75R32	580/70R38	600/65R42		900/55R32	320/90R50	
		340/85R48		620/70R38	650/65R38		1050/50R32		
	20.8R42	520/85R42	650/75R38	580/70R42	650/65R42	710/60R42	900/50R42	300/95R52	12.4R52
		680/85R32	710/75R34	620/70R42		900/60R32		270/95R54	11.2R54
				710/70R38				320/90R54	
46	20.8R46	520/85R46		800/70R38	650/65R46	900/60R38			
		650/85R38		710/70R42					
				620/70R46					
HV		710/85R38	710/75R42			900/60R42			

This table of equivalent sizes is based upon ETRTO dimensions, is not EXHAUSTIVE and is for guidance only.

CUSTOMER BENEFITS & TYRE DEVELOPMENT FEATURES

Firestone creates tyres with the ideal balance of performance and productivity. Superior engineering and refined designs result in improved traction, low soil-compaction, higher load capacity and longer wear. These innovations not only offer you extremely high performance, they save you time, fuel and money. Firestone tyres: an investment that delivers maximum value.

BENEFITS

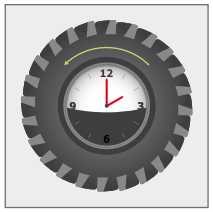


Low Soil-compaction

Firestone re-engineered tyre-casing with better flexing-properties result in a bigger footprint, reducing the pressure in the contact-area with the soil. Low soil-compaction results in more and bigger crops and yield, directly contributing to more profit.

Fuel economy

Superior traction achieved through excellent self-cleaning of the lug-pattern allows you to cover more ground faster, saving you time and fuel.

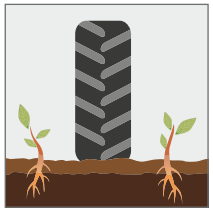


Time saving

Firestone agricultural products are developed to make farming more efficient. Excellent traction and self-cleaning in combination with the possibility to carry heavier implements or more load result in a significant gain of time. The interesting D/E-speed rated tyres allow you to drive on the road at high speeds, contributing to even more time-savings.

Outstanding road handling and comfort

Due to optimised lug- and tread designs, Firestone tyres produce maximum traction in the field and better handling on the road. You can be sure of very accurate steering- and braking response. Renewed tyre-casings offer improved damping-characteristics, contributing to a more comfortable drive without vibrations and road noise. We care about your well-being.

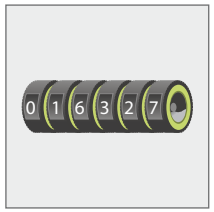


Crop protection

Firestone has a wide range of products adapted to each type of cultivation. Narrow row crop tyres are designed to avoid any damage to crops and their roots while being strong enough to cope with the heaviest tanks.

Long life

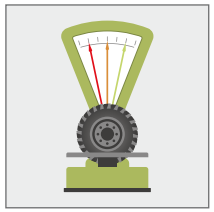
Optimised compounds and a unique tyre-construction in function of the task to be performed make Firestone tyres extremely durable so they last longer. Flatter and wider threads in combination with an optimised lug design lead to even pressure distribution on the road, resulting in a uniform wear and extended tyre-life. Firestone products keep on performing, even when half-worn out.



FEATURES

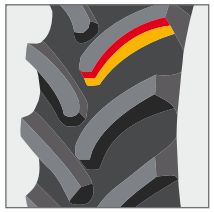
High load capacity

Strong and well engineered tyre-casings make it possible to deal with the heaviest loads without compromising your operation-speed. A selected range of patterns with Improved Flexion- or Extra Load-characteritstics are developed to fulfill the high load requirements of special farming-applications.



Dual Angle Lug

Firestone's unique Dual Angle Lug technology, as applied in the majority of our products features a special lug design with a distinctive ridge in the lugs. The special lug design increases traction tremendously while keeping soil-disturbance at an acceptable low level. Firestone products with Dual Angle Lugs deliver 4% more traction than standard tyres. The lug-design features excellent self-cleaning, further increasing the traction properties.



Self Cleaning

Good self-cleaning of the tyre-pattern improves traction and reduces tyre-slip. Firestone's unique Dual Angle Lug technology contributes to better self-cleaning of the lug-pattern. Mud does not cling between the lugs, further improving the traction-properties, saving your time, fuel and top-soil.

IF

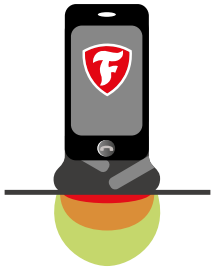
Improved Flexion-tyres feature a more than standard resistant casing equipped with sidewalls that enable a greater degree of "flexing". IF-tyres, in general mounted on faster and more powerful tractors contribute to more efficient, versatile and sustainable farming. You can carry more load or carry the same load with reduced tyre-pressures, reducing the negative effects of soil-compaction.

High Speed Index

A large number of our tyre-patterns features D/E rated speed-indexes, allowing you to transport heavy loads at high speeds, up to 70 Km/h. Re-engineered tyre-casings with better damping characteristics result in high-speed operation with optimum driving-comfort.

Reduce soil compaction and save money by using the correct inflation pressure in your tyres, The Firestone tyre pressure app helps you to find the specific inflation pressure for your tractors' application, ensuring you get the best wear life, fuel consumption whilst increasing traction in the field.

Use the Firestone tyre pressure app



1. Download the free app from our website; available on the iTunes App Store and Google Play.
2. Choose from over 200 Firestone tyres. Add the tyre to your favourites for easy access next time.
3. Select your preferred measurement unit.
4. Adjust the load according to your application and read off the optimal tyre pressure for a given speed.
5. Use the help button to explain the abbreviations used.

1 2 3 4 5

Free download on www.firestone.eu/agri/en, iTunes App Store or Google Play.

RADIAL AGRICULTURAL

TRACTOR

MAXI TRACTION
- For high horsepower tractors.
- Upgraded load- and speed indexes.
- Excellent traction, self-cleaning and driving comfort.
- Long tyre life and uniform tread wear.

Customer Benefits

Tyre Development Features

MAXI TRACTION IF
- For high horsepower tractors.
- Improved Flexion (IF): reduced soil-compaction and more working efficiency.
- Transport heavier loads at higher speeds.
- Excellent traction, self-cleaning and driving comfort.
- Long tyre life and uniform tread wear.

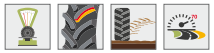
Customer Benefits

Tyre Development Features

PERFORMER 65
- For medium horsepower tractors.
- Upgraded load- and speed indexes.
- Excellent traction, self-cleaning and driving comfort.
- Several sizes available with Extra Load capacity.

Customer Benefits

Tyre Development Features



PERFORMER 70
- For medium horsepower tractors.
- Upgraded load- and speed indexes.
- Excellent traction, self-cleaning and driving comfort.
- Several sizes available with Extra Load capacity.

Customer Benefits

Tyre Development Features

PERFORMER 85
- For medium horsepower tractors.
- Upgraded speed- and load indexes.
- Excellent traction, self-cleaning and driving comfort.
- Several sizes available with Extra Load capacity.

Customer Benefits

Tyre Development Features

R1070
- For medium horsepower tractors.
- Long tyre-life and uniform tyre-wear.

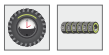
Customer Benefits

R1085
- For medium horsepower tractors.
- Long tyre-life and uniform tyre-wear.

Customer Benefits

R4000
- For medium to low horsepower tractors typically being used in vineyard and orchard service.
- Excellent driving stability, steering accuracy, cut-resistance.
- Higher load capacity.
- Low soil compaction and rutting.

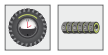
Customer Benefits



Tyre Development Features

R8000 SEVERE SERVICE
- For agricultural tractors facing the toughest working conditions.
- Excellent for hard, dry, rocky terrain.
- Cut & puncture resistant.
- Better flotation and improved traction.

Customer Benefits



NOTES

MAXI TRACTION

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre													Speed (km/h)
								0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	
R28	**600/65R28** 154D 151E MAXI TRACTION	617	1497	676	4488	DW20B	DW18L W18L	2825	3300	3695	4045	4370	4675	4955	5225	5475	5715	5945	6165	6375	**10***
								2825	3260	3645	3995	4315	4615	4885	5145	5390	5625				**10**
								2170	2505	2800	3065	3310	3540	3750	3945	4135	4315				**30**
								2065	2380	2665	2915	3150	3370	3570	3755	3935	4110				**40**
								1980	2285	2555	2800	3020	3230	3425	3605	3775	3940				**50**
									2175	2430	2665	2875	3075	3260	3430	3595	3750				**65**
									2000	2240	2450	2645	2830	3000	3155	3310	3450				**70**
	600/70R28 157D 154E MAXI TRACTION	610	1557	704	4668	DW20B	DW18L W18L	2875	3415	3905	4355	4855	5330	5610	6040	6255	6460	6650	6835	7015	**10***
								2875	3415	3905	4355	4855	5330	5565	5785	5995	6190				**10**
								2205	2620	2995	3340	3720	4085	4265	4435	4595	4745				**30**
								2100	2495	2850	3180	3545	3890	4065	4225	4375	4520				**40**
								2015	2390	2735	3050	3395	3730	3895	4050	4195	4335				**50**
									2280	2605	2905	3235	3555	3710	3860	3995	4125				**65**
									2070	2365	2640	2940	3230	3375	3505	3635	3750				**70**
R30	**600/65R30** 155D 152E MAXI TRACTION	608	1538	695	4630	DW20B	DW18L W18L	3150	3655	4000	4300	4575	4875	5200	5515	5750	5970	6185	6390	6590	**10***
								3150	3530	3860	4155	4520	4865	5125	5365	5595	5815				**10**
								2415	2710	2960	3185	3465	3730	3930	4115	4290	4460				**30**
								2300	2580	2820	3035	3300	3550	3740	3920	4085	4245				**40**
								2205	2475	2705	2910	3165	3405	3585	3755	3920	4070				**50**
									2355	2575	2770	3015	3245	3415	3580	3730	3875				**65**
									2180	2385	2565	2790	3000	3130	3280	3420	3550				**70**
	600/70R30 158D 155E MAXI TRACTION	618	1597	722	4815	DW20B	DW18L W18L	3020	3570	4065	4515	4940	5335	5685	6045	6305	6550	6785	7010	7225	**10***
								3020	3570	4065	4515	4940	5335	5620	5885	6140	6375				**10**
								2315	2735	3115	3460	3785	4090	4310	4515	4705	4890				**30**
								2205	2605	2965	3295	3605	3895	4100	4295	4480	4655				**40**
								2115	2500	2845	3160	3455	3735	3935	4120	4295	4465				**50**
									2380	2710	3010	3290	3555	3745	3925	4090	4250				**65**
									2170	2470	2745	3000	3245	3415	3580	3730	3875				**70**
	620/75R30 163D 160E MAXI TRACTION	620	1687	764	5083	DW20B	-	3535	4095	4585	5035	5445	5830	6275	6665	7030	7390	7705	7970	8290	**10***
								3535	4095	4585	5035	5445	5830	6225	6605	6965	7315				**10**
								2710	3140	3515	3860	4175	4470	4775	5065	5340	5610				**30**
								2580	2990	3350	3675	3975	4255	4545	4820	5085	5340				**40**
								2475	2865	3210	3525	3815	4080	4360	4625	4880	5120				**50**
									2730	3060	3355	3630	3885	4150	4405	4645	4875				**65**
									2520	2825	3100	3350	3590	3830	4065	4290	4500				**70**

(*): Cyclic Application (see note)

Note:
* Cyclic tyre bonus loads are permitted for traction wheels in cyclic loading operations involving minimal torque and wide fluctuation in weight carried.
* Vehicles must be unloaded before transport outside the field.
* Maximum load may not be carried for more than 1.5 km before unloading operation begins.
* Maximum load per tyre includes all possible field and vehicle/usage variations.
* For hillside operations over 11° (20%) slope, no cyclic bonus load is allowed.
* Basic inflation pressure must be increased as per tables.

Where W rims are shown, DW rims with equivalent flanges are permitted.

MAXI TRACTION

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre													Speed (km/h)
								0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	
R38	**650/75R38** 169D 166E MAXI TRACTION	678	1953	883	5885	DW21B	DW20B DW23B	3755	4565	5310	6010	6675	7310	7710	8285	8630	8960	9270	9575	9860	**10***
								3755	4565	5310	6010	6675	7310	7690	8045	8385	8700				**10**
								2880	3500	4075	4610	5120	5605	5895	6170	6425	6670				**30**
								2740	3330	3875	4390	4875	5335	5615	5875	6120	6355				**40**
								2630	3195	3720	4210	4675	5115	5385	5630	5870	6090				**50**
									3045	3540	4010	4450	4875	5125	5365	5590	5800				**65**
									2780	3235	3665	4070	4455	4685	4900	5105	5300				**70**
	650/85R38 173D 170E MAXI TRACTION	703	2067	935	6218	DW23B	-	4085	5160	5960	6690	7385	8045	8675	9285	9670	10040	10390	10725	11050	**10***
								4085	4910	5660	6360	7020	7645	8045	8415	8770	9100				**10**
								3355	4030	4650	5225	5765	6280	6605	6915	7200	7475				**30**
								3195	3840	4425	4975	5490	5980	6290	6585	6860	7120				**40**
								3060	3680	4245	4770	5265	5735	6035	6310	6575	6825				**50**
									3505	4045	4545	5015	5460	5745	6010	6265	6500				**65**
									3235	3730	4195	4630	5040	5305	5550	5780	6000				**70**
	710/70R38 171D 168E MAXI TRACTION	724	1950	879	5872	DW23B	-	4340	5015	5820	6575	7290	7975	8420	9040	9350	9645	9930	10200	10455	**10***
								4340	5015	5820	6575	7290	7975	8320	8640	8945	9225				**10**
								3330	3845	4465	5045	5590	6115	6380	6625	6855	7075				**30**
								3170	3660	4250	4800	5325	5820	6075	6310	6530	6735				**40**
								3040	3510	4075	4605	5105	5585	5825	6050	6260	6460				**50**
									3340	3880	4385	4860	5315	5545	5760	5960	6150				**65**
									3045	3535	3995	4425	4840	5050	5245	5430	5600				**70**
R42	**620/70R42** 166D 163E MAXI TRACTION	638	1930	873	5814	DW20B	-	3430	4075	4800	5480	6135	6760	7095	7665	7960	8240	8510	8765	9010	**10***
								3430	4075	4800	5480	6135	6760	7090	7395	7680	7950				**10**
								2630	3125	3680	4205	4705	5185	5435	5670	5890	6095				**30**
								2505	2980	3505	4000	4480	4935	5175	5395	5605	5805				**40**
								2405	2855	3360	3840	4295	4735	4960	5175	5375	5565				**50**
									2720	3200	3655	4090	4510	4725	4930	5120	5300				**65**
									2500	2945	3360	3760	4145	4345	4535	4710	4875				**70**
	710/70R42 173D 170E MAXI TRACTION	730	2075	938	6217	DW23B	-	4565	5275	6080	6835	7625	8425	8825	9555	9885	10200	10495	10780	11050	**10***
								4565	5275	6080	6835	7625	8425	8790	9130	9450	9750				**10**
								3500	4040	4660	5240	5845	6460	6740	7000	7245	7475				**30**
								3335	3850	4440	4990	5565	6155	6420	6665	6900	7120				**40**
								3200	3690	4260	4785	5340	5900	6155	6395	6615	6825				**50**
									3515	4055	4560	5085	5620	5865	6090	6300	6500				**65**
									3245	3745	4205	4695	5185	5410	5620	5815	6000				**70**

(*): Cyclic Application (see note)

Note:
* Cyclic tyre bonus loads are permitted for traction wheels in cyclic loading operations involving minimal torque and wide fluctuation in weight carried.
* Vehicles must be unloaded before transport outside the field.
* Maximum load may not be carried for more than 1.5 km before unloading operation begins.
* Maximum load per tyre includes all possible field and vehicle/usage variations.
* For hillside operations over 11° (20%) slope, no cyclic bonus load is allowed.
* Basic inflation pressure must be increased as per tables.

Where W rims are shown, DW rims with equivalent flanges are permitted.

MAXI TRACTION IF

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre										Speed (km/h)
								0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	
R28	**IF 600/65R28** 160D 157E MAXI TRACTION	617	1497	665	4415	DW20B	DW21B	2045	2440	2805	3140	3455	3750	3955	4145	4330	4500	**Up to 50**
									2440	2805	3140	3455	3750	3955	4145	4330	4500	**65**
									2240	2570	2880	3165	3440	3625	3800	3970	4125	**70**
	IF 600/70R28 164D 160E MAXI TRACTION	610	1557	690	4575	DW20B	DW21B	2295	2750	3165	3550	3910	4255	4460	4650	4830	5000	**Up to 50**
									2750	3165	3550	3910	4255	4460	4650	4830	5000	**65**
									2475	2845	3195	3520	3825	4010	4185	4350	4500	**70**
R30	**IF 600/65R30** 161D 158E MAXI TRACTION	608	1538	683	4550	DW20B	DW21B	2130	2535	2905	3250	3570	3870	4075	4270	4455	4625	**Up to 50**
									2535	2905	3250	3570	3870	4075	4270	4455	4625	**65**
									2330	2670	2985	3280	3555	3745	3925	4090	4250	**70**
	IF 600/70R30 165D 161E MAXI TRACTION	618	1597	709	4728	DW20B	DW21B	2400	2850	3260	3655	4030	4380	4590	4790	4975	5150	**Up to 50**
									2850	3260	3655	4030	4380	4590	4790	4975	5150	**65**
									2560	2925	3285	3620	3935	4125	4300	4470	4625	**70**
R38	**IF 650/75R38** 175D 172E MAXI TRACTION	678	1953	867	5778	DW21B	DW23B	2925	3610	4250	4855	5435	5990	6240	6475	6695	6900	**Up to 50**
									3610	4250	4855	5435	5990	6240	6475	6695	6900	**65**
									3300	3880	4435	4960	5470	5700	5915	6115	6300	**70**
	IF 650/85R38 179D 176E MAXI TRACTION	703	2067	918	6105	DW23B	-	3495	4210	4870	5510	6120	6700	6990	7260	7515	7750	**Up to 50**
									4210	4870	5510	6120	6700	6990	7260	7515	7750	**65**
									3855	4460	5045	5605	6140	6405	6650	6885	7100	**70**
	IF 710/70R38 178D 175E MAXI TRACTION	724	1950	862	5758	DW23B	DW25B	3300	3990	4620	5215	5770	6305	6630	6935	7225	7500	**Up to 50**
									3990	4620	5215	5770	6305	6630	6935	7225	7500	**65**
									3670	4250	4795	5310	5800	6100	6380	6650	6900	**70**
	IF 800/70R38 184D 181E MAXI TRACTION	794	2062	916	6095	DW27B	-	3940	4805	5600	6355	7065	7750	8095	8415	8715	9000	**Up to 50**
										5600	6355	7065	7750	8095	8415	8715	9000	**65**
										5135	5825	6480	7105	7420	7715	7990	8250	**70**
R42	**IF 620/70R42** 172D 169E MAXI TRACTION	638	1930	857	5708	DW20B	DW21B	2880	3470	4010	4515	4995	5445	5680	5900	6110	6300	**Up to 50**
									3470	4010	4515	4995	5445	5680	5900	6110	6300	**65**
									3195	3695	4160	4595	5015	5230	5435	5625	5800	**70**
	IF 710/70R42 179D 176E MAXI TRACTION	730	2075	921	6104	DW23B	DW25B	3475	4210	4890	5525	6125	6700	6990	7260	7515	7750	**Up to 50**
									4210	4890	5525	6125	6700	6990	7260	7515	7750	**65**
									3860	4480	5060	5615	6140	6405	6650	6885	7100	**70**

Where W rims are shown, DW rims with equivalent flanges are permitted.

PERFORMER 65

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre						Speed (km/h)
								0.6	0.8	1.0	1.2	1.4	1.6	
R24	**440/65R24** 128D 125E PERFORMER 65	442	1196	535	3541	W14L DW14L	W13 DW13 W15L DW15L	1400	1640	1850	2045	2245	2430	**10**
								1190	1395	1580	1745	1915	2070	**30**
								1135	1330	1500	1660	1820	1975	**40**
								1090	1275	1440	1590	1745	1890	**50**
									1215	1370	1515	1665	1800	**65**
									1115	1260	1390	1525	1650	**70**
	480/65R24 133D 130E PERFORMER 65	484	1250	560	3713	W15L DW15L	W14L DW14L	1600	1875	2120	2340	2570	2785	**10**
								1365	1600	1805	1995	2190	2370	**30**
								1300	1520	1720	1900	2085	2260	**40**
								1245	1460	1650	1820	2000	2165	**50**
									1390	1570	1735	1905	2060	**65**
									1280	1450	1600	1755	1900	**70**
	540/65R24 140D 137E PERFORMER 65	533	1310	587	3887	W16L DW16L	W18L DW18L	1940	2275	2570	2840	3115	3375	**10**
								1655	1940	2190	2420	2655	2875	**30**
								1575	1845	2085	2305	2530	2740	**40**
								1510	1770	2000	2210	2425	2625	**50**
									1685	1905	2105	2310	2500	**65**
									1550	1750	1935	2125	2300	**70**
R28	**440/65R28** 131D 128E PERFORMER 65	445	1290	578	3838	W14L DW14L	W13 DW13 W15L DW15L	1515	1775	2005	2215	2430	2635	**10**
								1290	1510	1710	1890	2070	2245	**30**
								1230	1440	1630	1800	1975	2135	**40**
								1180	1380	1560	1725	1890	2050	**50**
									1315	1485	1645	1800	1950	**65**
									1215	1370	1515	1665	1800	**70**
	480/65R28 136D 133E PERFORMER 65	486	1347	607	4046	W15L DW15L	W14L DW14L	1740	2035	2305	2545	2795	3025	**10**
								1485	1735	1965	2170	2380	2580	**30**
								1410	1655	1870	2065	2265	2455	**40**
								1355	1585	1790	1980	2175	2355	**50**
									1510	1705	1885	2070	2240	**65**
									1390	1570	1735	1905	2060	**70**
	540/65R28 142D 139E PERFORMER 65	536	1426	639	4225	W16L DW16L	W18L DW18L	2060	2410	2725	3015	3305	3580	**10**
								1755	2055	2320	2565	2815	3050	**30**
								1670	1955	2210	2445	2680	2905	**40**
								1600	1875	2120	2345	2570	2785	**50**
									1785	2020	2230	2450	2650	**65**
									1640	1850	2045	2245	2430	**70**

Where W rims are shown, DW rims with equivalent flanges are permitted.

PERFORMER 65

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre													Speed (km/h)
								0.6	0.8	1.0	1.2	1.4	1.6								
R30	**540/65R30** 143D 140E PERFORMER 65	526	1487	667	4440	W16L DW16L	W18L DW18L	2115	2480	2805	3100	3400	3680								**10**
								1805	2110	2385	2640	2895	3135								**30**
								1715	2010	2275	2515	2755	2985								**40**
								1645	1930	2180	2410	2645	2865								**50**
									1835	2075	2295	2515	2725								**65**
									1685	1905	2105	2310	2500								**70**
								0.6	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**1.8**	**2.0**	**2.2**	**2.4**				
	540/65R30 150D 147E PERFORMER 65 EXTRA LOAD	525	1473	661	4401	W16L DW16L	W18L DW18L	2430	2845	3215	3555	3840	4105	4355	4590	4815	5025				**10**
								1865	2180	2465	2725	2945	3150	3340	3520	3690	3855				**30**
								1775	2075	2350	2595	2805	2995	3180	3350	3515	3670				**40**
								1700	1995	2255	2490	2690	2875	3050	3215	3370	3520				**50**
									1895	2145	2370	2560	2735	2905	3060	3210	3350				**65**
									1740	1970	2175	2350	2515	2665	2810	2945	3075				**70**
								0.6	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**								
R34	**540/65R34** 145D 142E PERFORMER 65	531	1586	711	4734	W16L DW16L	W18L DW18L	2285	2675	3025	3345	3640	3915								**10**
								1945	2280	2575	2850	3100	3335								**30**
								1855	2170	2455	2715	2955	3180								**40**
								1775	2080	2355	2600	2830	3045								**50**
									1985	2240	2480	2695	2900								**65**
									1810	2050	2265	2465	2650								**70**
								0.6	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**1.8**	**2.0**	**2.2**	**2.4**				
	540/65R34 152D 149E PERFORMER 65 EXTRA LOAD	531	1586	710	4729	W16L DW16L	W18L DW18L	2575	3015	3410	3765	4070	4350	4615	4865	5100	5325				**10**
								1975	2310	2615	2890	3120	3335	3540	3730	3910	4085				**30**
								1880	2200	2490	2750	2970	3175	3370	3550	3725	3890				**40**
								1800	2110	2385	2635	2850	3045	3230	3405	3570	3730				**50**
									2010	2275	2515	2715	2900	3075	3245	3400	3550				**65**
									1840	2080	2300	2485	2655	2815	2970	3115	3250				**70**
								0.6	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**								
	600/65R34 151D 148E PERFORMER 65	591	1656	740	4907	W18L DW18L	DW20B	2680	3140	3545	3920	4300	4660								**10**
								2280	2675	3020	3340	3665	3970								**30**
								2175	2545	2880	3180	3490	3780								**40**
								2085	2440	2760	3050	3345	3625								**50**
									2325	2630	2905	3185	3450								**65**
									2120	2400	2650	2910	3150								**70**

Where W rims are shown, DW rims with equivalent flanges are permitted.

PERFORMER 65

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre													Speed (km/h)
								0.6	0.8	1.0	1.2	1.4	1.6								
R38	**540/65R38** 147D 144E PERFORMER 65	528	1687	754	5004	W16L DW16L	W18L DW18L	2390	2795	3160	3495	3835	4155								**10**
								2035	2385	2695	2980	3265	3540								**30**
								1935	2270	2565	2835	3110	3370								**40**
								1860	2175	2460	2720	2980	3230								**50**
									2070	2340	2590	2840	3075								**65**
									1885	2135	2360	2585	2800								**70**
	600/65R38 153D 150E PERFORMER 65	596	1771	784	5200	W18L DW18L	DW20B	2835	3320	3755	4150	4550	4930								**10**
								2415	2830	3200	3535	3875	4200								**30**
								2300	2695	3045	3365	3690	4000								**40**
								2205	2580	2920	3225	3540	3835								**50**
									2460	2780	3075	3370	3650								**65**
									2255	2550	2820	3095	3350								**70**
	650/65R38 157D 154E PERFORMER 65	646	1839	823	5447	DW20B	-	3200	3750	4240	4690	5140	5570								**10**
								2730	3195	3615	3995	4380	4745								**30**
								2600	3045	3440	3805	4170	4520								**40**
								2490	2920	3300	3645	4000	4335								**50**
									2780	3140	3475	3810	4125								**65**
									2525	2855	3155	3465	3750								**70**
								0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4				
	650/65R38 163D 163E PERFORMER 65 EXTRA LOAD	646	1822	816	5400	DW20B	-	3455	4105	4690	5235	5740	6220	6520	6800	7065	7315				**10**
								2650	3145	3595	4010	4400	4770	5000	5215	5415	5610				**30**
								2520	2995	3425	3820	4190	4540	4760	4965	5155	5340				**40**
								2420	2875	3285	3665	4020	4355	4565	4760	4945	5120				**50**
									2735	3130	3490	3830	4145	4345	4535	4710	4875				**65**
									2735	3130	3490	3830	4145	4345	4535	4710	4875				**70**
								0.6	0.8	1.0	1.2	1.4	1.6								
R42	**650/65R42** 158D 155E PERFORMER 65	647	1937	865	5765	DW20B	-	3300	3865	4370	4830	5300	5740								**10**
								2810	3295	3725	4115	4515	4890								**30**
								2675	3135	3545	3920	4300	4655								**40**
								2565	3005	3400	3755	4120	4465								**50**
									2865	3235	3580	3925	4250								**65**
									2610	2950	3265	3580	3875								**70**

Where W rims are shown, DW rims with equivalent flanges are permitted.

PERFORMER 70

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre													Speed (km/h)
								0.6	0.8	1.0	1.2	1.4	1.6								
R24	**320/70R24** 116D 113E PERFORMER 70	319	1094	493	3302	W10	W9 W11	955	1105	1235	1350	1480	1625								**10**
								765	905	1035	1180	1310	1440								**30**
								725	865	985	1120	1250	1370								**40**
									830	945	1075	1200	1315								**50**
										900	1025	1140	1250								**65**
										830	940	1050	1150								**70**
	360/70R24 122D 119E PERFORMER 70	357	1152	518	3485	W11	W10 W11	1145	1325	1480	1620	1780	1950								**10**
								915	1085	1245	1410	1575	1725								**30**
								870	1035	1185	1345	1500	1645								**40**
									995	1135	1290	1435	1575								**50**
										1080	1230	1370	1500								**65**
										980	1115	1240	1360								**70**
	380/70R24 125D 122E PERFORMER 70	390	1190	534	3584	W12	W11 W13	1260	1455	1630	1785	1955	2145								**10**
								1010	1195	1370	1555	1730	1900								**30**
								960	1140	1305	1480	1650	1810								**40**
									1095	1250	1420	1580	1735								**50**
										1190	1350	1505	1650								**65**
										1080	1230	1370	1500								**70**
	420/70R24 130D 127E PERFORMER 70	429	1239	557	3749	W13	W12 W14	1450	1675	1875	2055	2250	2470								**10**
								1160	1375	1575	1790	1990	2185								**30**
								1105	1310	1500	1705	1895	2085								**40**
									1260	1440	1635	1820	1995								**50**
										1370	1555	1730	1900								**65**
										1260	1435	1595	1750								**70**
								1.6	**1.8**	**2.0**	**2.2**	**2.4**	**2.6**	**2.8**	**3.0**	**3.2**					
	420/70R24 136A8 136B PERFORMER 70 EXTRA LOAD	422	1261	568	3808	W13	W12 W14L	1705	1905	2085	2285	2480	2595	2710	2815	2915					**10**
								1255	1470	1670	1860	2040	2140	2230	2315	2400					**30**
								1175	1370	1560	1735	1905	2000	2085	2165	2240					**40**
								1175	1370	1560	1735	1905	2000	2085	2165	2240					**50**
								0.6	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**								
	480/70R24 138D 135E PERFORMER 70	479	1316	592	3969	W15L	W14 W16L	1805	2080	2325	2550	2795	3070								**10**
								1440	1710	1955	2220	2475	2715								**30**
								1370	1630	1860	2115	2355	2585								**40**
									1560	1785	2030	2260	2480								**50**
										1700	1930	2150	2360								**65**
										1570	1785	1985	2180								**70**

Where W rims are shown, DW rims with equivalent flanges are permitted.

PERFORMER 70

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre													Speed (km/h)
								0.6	0.8	1.0	1.2	1.4	1.6								
R28	**360/70R28** 125D 122E PERFORMER 70	357	1251	562	3772	W11	W10 W12	1260	1455	1630	1785	1955	2145								**10**
								1010	1195	1370	1555	1730	1900								**30**
								960	1140	1305	1480	1650	1810								**40**
									1095	1250	1420	1580	1735								**50**
										1190	1350	1505	1650								**65**
										1080	1230	1370	1500								**70**
	380/70R28 127D 124E PERFORMER 70	380	1293	584	3909	W12	W11 W13	1335	1545	1725	1890	2075	2275								**10**
								1070	1270	1450	1650	1835	2015								**30**
								1015	1210	1380	1570	1745	1920								**40**
									1160	1325	1505	1675	1840								**50**
										1260	1435	1595	1750								**65**
										1155	1310	1460	1600								**70**
	420/70R28 133D 130E PERFORMER 70	424	1338	602	4052	W13	W12 W14L	1575	1820	2030	2225	2440	2680								**10**
								1255	1495	1705	1940	2160	2370								**30**
								1195	1420	1625	1845	2055	2260								**40**
									1365	1560	1770	1970	2165								**50**
										1485	1685	1880	2060								**65**
										1370	1555	1730	1900								**70**
	480/70R28 140D 137E PERFORMER 70	479	1421	640	4294	W15L	W14 W16L	1910	2205	2465	2700	2960	3250								**10**
								1525	1810	2070	2350	2620	2875								**30**
								1455	1725	1975	2240	2495	2740								**40**
									1655	1890	2150	2395	2625								**50**
										1800	2045	2280	2500								**65**
										1660	1885	2095	2300								**70**
								1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2					
	480/70R28 151A8 151B PERFORMER 70 EXTRA LOAD	492	1434	646	4331	W15L	W14L W16L	3210	3385	3545	3695	3860	4015	4170	4345	4485					**10**
								2675	2820	2955	3080	3200	3330	3455	3575	3695					**30**
								2500	2635	2760	2880	2990	3110	3230	3340	3450					**40**
								2500	2635	2760	2880	2990	3110	3230	3340	3450					**50**
								0.6	0.8	1.0	1.2	1.4	1.6								
R30	**480/70R30** 141D 138E PERFORMER 70	479	1478	665	4478	W15L	W14L W16L	1970	2270	2540	2780	3050	3350								**10**
								1570	1865	2135	2425	2700	2965								**30**
								1495	1775	2030	2305	2570	2820								**40**
									1705	1950	2215	2465	2705								**50**
										1855	2105	2345	2575								**65**
										1700	1930	2150	2360								**70**

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PERFORMER 70

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre													Speed (km/h)
								0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4				
R30	**480/70R30** 147D 144E PERFORMER 70 EXTRA LOAD	479	1478	665	4478	W15L	W14L W16L	1970	2270	2540	2780	3050	3350	3525	3695	3850	4000				**10**
								1570	1865	2135	2425	2700	2965	3120	3265	3405	3540				**30**
								1495	1775	2030	2305	2570	2820	2970	3110	3245	3370				**40**
								1435	1705	1950	2215	2465	2705	2850	2985	3110	3230				**50**
									1625	1855	2105	2345	2575	2715	2840	2960	3075				**65**
									1485	1700	1930	2150	2360	2470	2585	2695	2800				**70**
								0.6	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**								
R34	**480/70R34** 143D 140E PERFORMER 70	479	1580	713	4769	W15L	W14L W16L	2080	2405	2690	2945	3230	3545								**10**
								1660	1975	2255	2565	2855	3135								**30**
								1585	1880	2150	2440	2720	2985								**40**
									1805	2060	2340	2610	2865								**50**
										1965	2230	2485	2725								**65**
										1800	2045	2280	2500								**70**
	520/70R34 148D 145E PERFORMER 70	516	1640	737	4962	W16L	W15L W18L	2405	2780	3105	3400	3730	4095								**10**
								1920	2280	2610	2965	3300	3625								**30**
								1830	2175	2485	2820	3145	3450								**40**
									2085	2385	2705	3015	3310								**50**
										2270	2580	2870	3150								**65**
										2090	2375	2645	2900								**70**
R38	**480/70R38** 145D 142E PERFORMER 70	479	1681	757	5092	W15L	W14L W16L	2215	2560	2860	3135	3435	3770								**10**
								1765	2100	2400	2730	3040	3335								**30**
								1685	2000	2290	2600	2895	3180								**40**
									1920	2195	2490	2775	3045								**50**
										2090	2375	2645	2900								**65**
										1910	2170	2415	2650								**70**
	520/70R38 150D 147E PERFORMER 70	527	1756	792	5315	W16L	W15L W18L	2560	2955	3305	3620	3970	4355								**10**
								2045	2430	2775	3150	3510	3855								**30**
								1945	2310	2640	3000	3345	3670								**40**
									2215	2535	2880	3205	3520								**50**
										2415	2740	3055	3350								**65**
										2215	2515	2805	3075								**70**
	580/70R38 155D 152E PERFORMER 70	577	1827	824	5533	W18L	-	2960	3420	3820	4185	4590	5040								**10**
								2360	2805	3210	3645	4060	4460								**30**
								2250	2670	3055	3470	3865	4245								**40**
									2565	2930	3330	3710	4070								**50**
										2790	3170	3530	3875								**65**
										2555	2905	3235	3550								**70**

Where W rims are shown, DW rims with equivalent flanges are permitted.

PERFORMER 70

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre													Speed (km/h)
								0.6	0.8	1.0	1.2	1.4	1.6								
R42	**580/70R42** 158D 155E PERFORMER 70	577	1879	846	5689	W18L	-	3245	3745	4190	4590	5035	5525								**10**
								2590	3080	3520	4000	4455	4890								**30**
								2465	2930	3350	3805	4240	4655								**40**
									2810	3215	3650	4065	4465								**50**
										3060	3475	3875	4250								**65**
										2790	3170	3530	3875								**70**

Where W rims are shown, DW rims with equivalent flanges are permitted.

PERFORMER 85

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre													Speed (km/h)
								0.6	0.8	1.0	1.2	1.4	1.6								
R20	**280/85R20** 112D 109E PERFORMER 85	292	984	444	2974	W10	W9	895	1030	1155	1265	1365	1460								**10**
								685	815	930	1055	1175	1290								**30**
								650	775	885	1005	1120	1230								**40**
								625	740	850	965	1075	1180								**50**
									705	810	920	1020	1120								**65**
									650	745	845	940	1030								**70**
	320/85R20 119D 116E PERFORMER 85	329	1052	473	3184	W11	W9 W10	1040	1200	1340	1470	1610	1770								**10**
								830	985	1125	1280	1425	1565								**30**
								790	940	1075	1220	1360	1490								**40**
								760	900	1030	1170	1305	1430								**50**
									860	980	1115	1240	1360								**65**
									790	900	1025	1140	1250								**70**
R24	**250/85R24** 109D 106E PERFORMER 85	251	1035	465	3116	W8	W7	820	950	1060	1160	1255	1340								**10**
								660	785	895	1000	1095	1185								**30**
								630	745	855	950	1045	1130								**40**
								605	715	820	915	1000	1085								**50**
									680	780	870	955	1030								**65**
									630	720	800	880	950								**70**
	280/85R24 115D 112E PERFORMER 85	292	1086	489	3269	W10	W9	970	1120	1250	1370	1480	1580								**10**
								740	880	1005	1145	1275	1400								**30**
								705	840	960	1090	1215	1330								**40**
								680	805	920	1045	1165	1280								**50**
									765	875	995	1110	1215								**65**
									705	810	920	1020	1120								**70**
								0.8	**1.2**	**1.6**	**2.0**	**2.4**	**2.8**	**3.2**	**3.6**	**4.0**					
	280/85R24 130A8 130B PERFORMER 85 EXTRA LOAD	295	1094	493	3304	W10	W9	1170	1400	1595	1765	1915	2070	2210	2345	2470					**10**
								965	1155	1315	1455	1580	1705	1820	1930	2035					**30**
								900	1080	1230	1355	1475	1590	1700	1805	1900					**40**
								900	1080	1230	1355	1475	1590	1700	1805	1900					**50**
								0.6	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**								
	320/85R24 122D 119E PERFORMER 85	327	1159	516	3481	W11	W9 W10	1195	1380	1545	1690	1825	1950								**10**
								915	1085	1245	1410	1575	1725								**30**
								870	1035	1185	1345	1500	1645								**40**
								835	995	1135	1290	1435	1575								**50**
									945	1080	1230	1370	1500								**65**
									860	980	1115	1240	1360								**70**

Where W rims are shown, DW rims with equivalent flanges are permitted.

PERFORMER 85

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre													Speed (km/h)
								0.6	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**								
R24	**340/85R24** 125D 122E PERFORMER 85	357	1195	539	3599	W12	W11	1315	1520	1695	1860	2010	2145								**10**
								1010	1195	1370	1555	1730	1900								**30**
								960	1140	1305	1480	1650	1810								**40**
								920	1095	1250	1420	1580	1735								**50**
									1040	1190	1350	1505	1650								**65**
									945	1080	1230	1370	1500								**70**
								1.6	**1.8**	**2.0**	**2.2**	**2.4**	**2.6**	**2.8**	**3.0**	**3.2**					
	340/85R24 136A8 136B PERFORMER 85 EXTRA LOAD	355	1195	538	3609	W12	W11	2145	2250	2345	2440	2525	2625	2725	2820	2915					**10**
								1830	1920	2000	2080	2155	2240	2325	2410	2490					**25**
								1765	1850	1930	2005	2075	2160	2245	2325	2400					**30**
								1650	1730	1805	1875	1940	2020	2095	2170	2240					**40**
								1650	1730	1805	1875	1940	2020	2095	2170	2240					**50**
								0.6	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**								
	380/85R24 131D 128E PERFORMER 85	390	1256	564	3793	W13	W11 W12	1555	1795	2005	2195	2375	2535								**10**
								1190	1415	1615	1835	2045	2245								**30**
								1135	1345	1540	1745	1945	2135								**40**
								1085	1290	1475	1675	1865	2050								**50**
									1230	1405	1595	1780	1950								**65**
									1135	1295	1475	1640	1800								**70**
	420/85R24 137D 134E PERFORMER 85	438	1324	595	3996	W15L	W14L	1835	2115	2365	2590	2800	2990								**10**
								1405	1665	1905	2165	2410	2645								**30**
								1335	1585	1815	2060	2295	2520								**40**
								1280	1520	1740	1975	2200	2415								**50**
									1450	1660	1885	2095	2300								**65**
									1335	1525	1735	1935	2120								**70**
								0.8	**1.0**	**1.2**	**1.4**	**1.6**	**1.8**	**2.0**	**2.2**	**2.4**					
	420/85R24 142A8 142B PERFORMER 85 EXTRA LOAD	451	1326	597	4005	W15L	W14L	2115	2365	2590	2800	2990	3115	3235	3345	3445					**10**
								1740	1945	2135	2305	2465	2565	2665	2755	2840					**30**
								1630	1820	1995	2155	2300	2400	2490	2575	2650					**40**
								1630	1820	1995	2155	2300	2400	2490	2575	2650					**50**
								0.6	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**								
R28	**250/85R28** 112D 109E PERFORMER 85	251	1138	514	3427	W8	W7	895	1030	1155	1265	1365	1460								**10**
								715	850	975	1085	1190	1290								**30**
								685	810	925	1035	1135	1230								**40**
								655	780	890	990	1085	1180								**50**
									740	845	945	1035	1120								**65**
									680	780	870	955	1030								**70**

Where W rims are shown, DW rims with equivalent flanges are permitted.

PERFORMER 85

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre													Speed (km/h)
								0.6	0.8	1.0	1.2	1.4	1.6								
R28	**280/85R28** 118D 115E PERFORMER 85	292	1187	535	3588	W10	W9	1055	1215	1360	1490	1605	1720								**10**
								805	960	1095	1245	1385	1520								**30**
								765	910	1040	1185	1320	1445								**40**
								735	875	1000	1135	1265	1390								**50**
									835	950	1080	1205	1320								**65**
									765	875	995	1110	1215								**70**
	320/85R28 124D 121E PERFORMER 85	329	1255	565	3805	W11	W9 W10	1275	1475	1645	1805	1950	2080								**10**
								975	1160	1325	1505	1680	1840								**30**
								930	1105	1265	1435	1600	1755								**40**
								890	1060	1210	1375	1530	1680								**50**
									1010	1155	1310	1460	1600								**65**
									915	1045	1190	1325	1450								**70**
	340/85R28 127D 124E PERFORMER 85	354	1300	584	3908	W12	W11	1395	1610	1800	1970	2130	2275								**10**
								1070	1270	1450	1650	1835	2015								**30**
								1015	1210	1380	1570	1745	1920								**40**
								975	1160	1325	1505	1675	1840								**50**
									1105	1260	1435	1595	1750								**65**
									1010	1155	1310	1460	1600								**70**
	380/85R28 133D 130E PERFORMER 85	396	1359	611	4121	W13	W11 W12	1640	1895	2120	2320	2505	2680								**10**
								1255	1495	1705	1940	2160	2370								**30**
								1195	1420	1625	1845	2055	2260								**40**
								1145	1365	1560	1770	1970	2165								**50**
									1300	1485	1685	1880	2060								**65**
									1200	1370	1555	1730	1900								**70**
	420/85R28 139D 136E PERFORMER 85	438	1425	640	4309	W15L	W14L	1935	2235	2500	2740	2955	3160								**10**
								1485	1760	2015	2290	2550	2795								**30**
								1410	1675	1915	2180	2425	2665								**40**
								1355	1610	1840	2090	2325	2555								**50**
									1530	1750	1990	2215	2430								**65**
									1410	1615	1835	2040	2240								**70**
								0.8	**1.0**	**1.2**	**1.4**	**1.6**	**1.8**	**2.0**	**2.2**	**2.4**					
	420/85R28 144A8 144B PERFORMER 85 EXTRA LOAD	445	1425	642	4304	W15L	W7	2235	2500	2735	2955	3160	3295	3415	3535	3640					**10**
								1840	2060	2255	2435	2600	2710	2815	2910	3000					**30**
								1720	1925	2105	2275	2430	2535	2630	2720	2800					**40**
								1720	1925	2105	2275	2430	2535	2630	2720	2800					**50**

Where W rims are shown, DW rims with equivalent flanges are permitted.

PERFORMER 85

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre													Speed (km/h)
								0.6	0.8	1.0	1.2	1.4	1.6								
R30	**380/85R30** 135D 132E PERFORMER 85	390	1408	635	4253	W13	W11 W12	1665	1925	2150	2355	2585	2835								**10**
								1330	1580	1805	2050	2285	2510								**30**
								1265	1505	1720	1955	2175	2390								**40**
								1215	1445	1650	1875	2085	2290								**50**
									1375	1570	1785	1985	2180								**65**
									1260	1440	1640	1825	2000								**70**
	420/85R30 140D 137E PERFORMER 85	438	1475	666	4447	W15L	W14L	1990	2300	2570	2815	3040	3250								**10**
								1525	1810	2070	2350	2620	2875								**30**
								1455	1725	1975	2240	2495	2740								**40**
								1390	1655	1890	2150	2395	2625								**50**
									1575	1800	2045	2280	2500								**65**
									1450	1660	1885	2095	2300								**70**
	460/85R30 145D 142E PERFORMER 85	475	1544	694	4647	W16L	W15L	2310	2670	2985	3265	3530	3770								**10**
								1765	2100	2400	2730	3040	3335								**30**
								1685	2000	2290	2600	2895	3180								**40**
								1615	1920	2195	2490	2775	3045								**50**
									1825	2090	2375	2645	2900								**65**
									1670	1910	2170	2415	2650								**70**
R34	**420/85R34** 142D 139E PERFORMER 85	451	1568	704	4739	W15L	W14L	2110	2440	2725	2985	3225	3445								**10**
								1615	1920	2195	2495	2780	3050								**30**
								1540	1830	2090	2375	2645	2905								**40**
								1475	1755	2005	2280	2535	2785								**50**
									1670	1910	2170	2415	2650								**65**
									1530	1750	1990	2215	2430								**70**
	460/85R34 147D 144E PERFORMER 85	475	1646	742	4975	W16L	W15L	2450	2830	3165	3465	3740	4000								**10**
								1875	2230	2545	2895	3220	3540								**30**
								1785	2120	2425	2755	3070	3370								**40**
								1715	2035	2325	2640	2945	3230								**50**
									1940	2215	2515	2805	3075								**65**
									1765	2015	2290	2550	2800								**70**
R36	**320/85R36** 128D 125E PERFORMER 85	329	1485	656	4409	W11	W9 W10	1435	1655	1850	2030	2190	2340								**10**
								1100	1305	1490	1695	1885	2070								**30**
								1045	1240	1420	1615	1795	1975								**40**
								1005	1190	1360	1545	1725	1890								**50**
									1135	1295	1475	1640	1800								**65**
									1040	1190	1350	1505	1650								**70**

Where W rims are shown, DW rims with equivalent flanges are permitted.

PERFORMER 85

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre												Speed (km/h)
								0.6	0.8	1.0	1.2	1.4	1.6							
R36	**340/85R36** 132D 129E PERFORMER 85	353	1492	672	4520	W12	W11	1595	1840	2060	2255	2435	2600							10
								1220	1450	1660	1885	2095	2300							30
								1160	1380	1580	1795	1995	2190							40
								1115	1325	1515	1720	1915	2100							50
									1260	1440	1640	1825	2000							65
									1165	1335	1515	1685	1850							70
R38	**340/85R38** 133D 130E PERFORMER 85	353	1543	693	4653	W12	W11	1640	1895	2120	2320	2505	2680							10
								1255	1495	1705	1940	2160	2370							30
								1195	1420	1625	1845	2055	2260							40
								1145	1365	1560	1770	1970	2165							50
									1300	1485	1685	1880	2060							65
									1200	1370	1555	1730	1900							70
	420/85R38 144D 141E PERFORMER 85	438	1679	757	5067	W15L	W14L	2230	2575	2880	3155	3405	3640							10
								1710	2030	2320	2635	2935	3220							30
								1625	1930	2210	2510	2795	3070							40
								1560	1855	2120	2405	2680	2940							50
									1765	2015	2290	2550	2800							65
									1625	1855	2105	2345	2575							70
	460/85R38 149D 146E PERFORMER 85	489	1761	793	5323	W16	W15L	2590	2990	3340	3660	3955	4225							10
								1980	2355	2690	3060	3405	3740							30
								1885	2240	2560	2910	3245	3560							40
								1810	2150	2460	2790	3110	3415							50
									2050	2340	2660	2960	3250							65
									1890	2160	2455	2735	3000							70
								0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4			
	460/85R38 154D 151E PERFORMER 85 EXTRA LOAD	489	1761	793	5323	W16	W15L	2590	2990	3340	3660	3955	4225	4410	4575	4730	4875			10
								1980	2355	2690	3060	3405	3740	3900	4050	4185	4315			30
								1885	2240	2560	2910	3245	3560	3715	3855	3985	4110			40
									2150	2460	2790	3110	3415	3565	3695	3820	3940			50
									2050	2340	2660	2960	3250	3395	3520	3640	3750			65
										2160	2455	2735	3000	3120	3240	3350	3450			70
								0.6	0.8	1.0	1.2	1.4	1.6							
	520/85R38 155D 152E PERFORMER 85	536	1849	832	5585	W18L	W16L	3090	3565	3985	4365	4715	5040							10
								2360	2805	3210	3645	4060	4460							30
								2250	2670	3055	3470	3865	4245							40
								2155	2565	2930	3330	3710	4070							50
									2440	2790	3170	3530	3875							65
									2235	2555	2905	3235	3550							70

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PERFORMER 85

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre													Speed (km/h)
								0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4				
R38	**520/85R38** 160D 157E PERFORMER 85 EXTRA LOAD	536	1849	832	5585	W18L	W16L	3090	3565	3985	4365	4715	5040	5260	5470	5665	5850				**10**
								2360	2805	3210	3645	4060	4460	4655	4840	5015	5175				**30**
								2250	2670	3055	3470	3865	4245	4435	4610	4775	4930				**40**
									2565	2930	3330	3710	4070	4250	4420	4575	4725				**50**
									2440	2790	3170	3530	3875	4045	4210	4360	4500				**65**
										2555	2905	3235	3550	3710	3860	3995	4125				**70**
R42	**460/85R42** 150D 147E PERFORMER 85	479	1849	832	5590	W16L	W15L	2560	2955	3305	3620	3970	4355								**10**
								2045	2430	2775	3150	3510	3855								**30**
								1945	2310	2640	3000	3345	3670								**40**
								1865	2215	2535	2880	3205	3520								**50**
									2110	2415	2740	3055	3350								**65**
									1940	2215	2515	2805	3075								**70**
								0.6	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**1.8**	**2.0**	**2.2**	**2.4**				
	460/85R42 156D 153E PERFORMER 85 EXTRA LOAD	479	1849	832	5590	W18L	W15L	2560	2955	3305	3620	3970	4355	4720	4925	5070	5200				**10**
								2045	2430	2775	3150	3510	3855	4175	4355	4485	4600				**30**
								1945	2310	2640	3000	3345	3670	3980	4150	4270	4380				**40**
								1865	2215	2535	2880	3205	3520	3815	3980	4095	4200				**50**
									2110	2415	2740	3055	3350	3635	3790	3900	4000				**65**
									1940	2215	2515	2805	3075	3315	3460	3560	3650				**70**
								0.6	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**								
	520/85R42 157D 154E PERFORMER 85	536	1951	877	5901	DW18L	DW16L	3150	3640	4065	4455	4885	5365								**10**
								2515	2990	3415	3880	4325	4745								**30**
								2395	2845	3255	3695	4115	4520								**40**
								2295	2730	3120	3545	3945	4335								**50**
									2600	2970	3375	3760	4125								**65**
									2365	2700	3070	3415	3750								**70**
								0.6	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**1.8**	**2.0**	**2.2**	**2.4**				
	520/85R42 162D 159E PERFORMER 85 EXTRA LOAD	536	1951	877	5901	DW18L	DW16L	3150	3640	4065	4455	4885	5365	5605	5850	6020	6175				**10**
								2515	2990	3415	3880	4325	4745	4960	5175	5325	5465				**30**
								2395	2845	3255	3695	4115	4520	4725	4925	5070	5205				**40**
								2295	2730	3120	3545	3945	4335	4530	4725	4860	4990				**50**
									2600	2970	3375	3760	4125	4315	4500	4630	4750				**65**
									2365	2700	3070	3415	3750	3975	4145	4265	4375				**70**

Where W rims are shown, DW rims with equivalent flanges are permitted.

R1070

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre						Speed (km/h)
								0.6	0.8	1.0	1.2	1.4	1.6	
R24	**320/70R24** 116A8 116B R1070	319	1096	493	3312	W10	W9 W11		1175	1285	1405	1520	1625	**10**
								865	970	1060	1160	1255	1340	**30**
								810	905	990	1085	1170	1250	**40**
										945	1055	1155	1250	**50**
	360/70R24 122A8 122B R1070	360	1148	517	3469	W11	W10 W12		1410	1540	1690	1825	1950	**10**
								1035	1165	1270	1390	1505	1605	**30**
								970	1085	1190	1300	1405	1500	**40**
										1135	1265	1385	1500	**50**
	420/70R24 130A8 130B R1070	418	1250	563	3777	W13	W12 W14L		1785	1955	2140	2310	2470	**10**
								1315	1475	1610	1765	1905	2035	**30**
								1225	1375	1505	1645	1780	1900	**40**
										1435	1600	1755	1900	**50**
	480/70R24 138A8 138B R1070	480	1323	595	3997	W15L	W14L W16L		2220	2425	2655	2870	3065	**10**
								1630	1830	2000	2190	2365	2525	**30**
								1525	1710	1870	2045	2210	2360	**40**
										1780	1990	2180	2360	**50**
R28	**360/70R28** 125A8 125B R1070	360	1248	562	3771	W11	W10 W12		1550	1695	1860	2005	2145	**10**
								1140	1280	1400	1530	1655	1765	**30**
								1065	1195	1305	1430	1545	1650	**40**
										1245	1390	1525	1650	**50**
	380/70R28 127A8 127B R1070	380	1290	581	3898	W12	W11 W13		1645	1800	1970	2130	2275	**10**
								1210	1360	1485	1625	1755	1875	**30**
								1130	1270	1385	1520	1640	1750	**40**
										1400	1500	1645	1750	**50**
	420/70R28 133A8 133B R1070	420	1350	608	4079	W13	W12 W14L		1935	2115	2320	2505	2680	**10**
								1425	1595	1745	1910	2065	2205	**30**
								1330	1490	1630	1785	1930	2060	**40**
										1555	1735	1905	2060	**50**
	480/70R28 140A8 140B R1070	483	1425	641	4306	W15L	W14L W16L		2350	2570	2815	3040	3250	**10**
								1725	1935	2115	2320	2505	2675	**30**
								1615	1810	1980	2165	2340	2500	**40**
										1890	2105	2310	2500	**50**
R30	**480/70R30** 141A8 141B R1070	480	1480	666	4472	W15L	W14L W16L		2420	2645	2900	3130	3345	**10**
								1775	1995	2180	2390	2580	2755	**30**
								1660	1865	2040	2230	2410	2575	**40**
										1945	2170	2380	2575	**50**

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R1070

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre						Speed (km/h)
								0.6	0.8	1.0	1.2	1.4	1.6	
R34	**480/70R34** 143A8 143B R1070	475	1575	709	4760	W15L	W14L W16L		2560	2800	3065	3310	3540	**10**
								1880	2110	2305	2525	2730	2915	**30**
								1760	1970	2155	2360	2550	2725	**40**
										2055	2295	2515	2725	**50**
	520/70R34 148A8 148B R1070	515	1645	741	4971	W16L	W15L W18L		2960	3235	3545	3830	4095	**10**
								2175	2440	2665	2920	3155	3370	**30**
								2030	2280	2490	2730	2950	3150	**40**
										2375	2650	2910	3150	**50**
R38	**480/70R38** 145A8 145B R1070	475	1675	754	5062	W15L	W14L W16L		2725	2980	3265	3525	3770	**10**
								2005	2245	2455	2690	2905	3105	**30**
								1870	2100	2295	2515	2715	2900	**40**
										2190	2445	2680	2900	**50**
	520/70R38 150A8 150B R1070	515	1750	788	5289	W16L	W15L W18L		3150	3440	3770	4070	4355	**10**
								2310	2595	2835	3105	3355	3585	**30**
								2160	2425	2650	2905	3135	3350	**40**
										2530	2820	3095	3350	**50**
	580/70R38 155A8 155B R1070	580	1830	824	5530	W18L	-		3640	3980	4360	4710	5035	**10**
								2670	3000	3280	3590	3880	4145	**30**
								2500	2805	3065	3360	3625	3875	**40**
										2925	3265	3580	3875	**50**

Where W rims are shown, DW rims with equivalent flanges are permitted.

R1085

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre						Speed (km/h)
								0.6	0.8	1.0	1.2	1.4	1.6	
R24	**250/85R24** 109A8 106B R1085	240	1042	469	3149	W8	W7		970	1060	1160	1255	1340	**10**
								650	750	835	930	1020	1105	**30**
								630	730	815	895	965	1030	**40**
										720	800	880	950	**50**
	280/85R24 115A8 112B R1085	289	1089	494	3318	W10	W9		1145	1250	1370	1480	1580	**10**
								760	880	985	1095	1200	1300	**30**
								745	860	965	1055	1140	1215	**40**
										845	945	1035	1120	**50**
	320/85R24 122A8 119B R1085	313	1150	518	3475	W11	W9 W10		1410	1545	1690	1825	1950	**10**
								940	1085	1210	1350	1485	1605	**30**
								920	1065	1190	1300	1405	1500	**40**
										1025	1145	1255	1360	**50**
	340/85R24 125A8 122B R1085	354	1200	540	3626	W12	W11		1550	1695	1860	2010	2145	**10**
								1035	1195	1340	1490	1635	1770	**30**
								1010	1170	1305	1430	1545	1650	**40**
										1135	1265	1385	1500	**50**
	380/85R24 131A8 128B R1085	378	1245	560	3761	W13	W11 W12		1835	2005	2195	2375	2535	**10**
								1225	1415	1580	1760	1930	2090	**30**
								1195	1380	1545	1690	1825	1950	**40**
										1360	1515	1665	1800	**50**
	420/85R24 137A8 134B R1085	430	1320	594	3988	W15L	W14L		2165	2365	2590	2800	2990	**10**
								1440	1660	1860	2070	2275	2460	**30**
								1410	1630	1820	1995	2155	2300	**40**
										1600	1785	1960	2120	**50**
R28	**280/85R28** 118A8 115B R1085	282	1200	540	3627	W10	W9		1245	1360	1490	1605	1720	**10**
								830	955	1070	1195	1310	1415	**30**
								810	935	1045	1145	1235	1320	**40**
										920	1025	1125	1215	**50**
	320/85R28 124A8 121B R1085	315	1250	563	3777	W11	W9 W10		1505	1645	1805	1950	2080	**10**
								1005	1160	1295	1445	1585	1715	**30**
								980	1135	1265	1390	1500	1600	**40**
										1095	1220	1340	1450	**50**
	340/85R28 127A8 124B R1085	353	1295	583	3913	W12	W11		1645	1800	1970	2130	2275	**10**
								1100	1265	1415	1580	1735	1875	**30**
								1075	1240	1385	1520	1640	1750	**40**
										1210	1350	1480	1600	**50**

Where W rims are shown, DW rims with equivalent flanges are permitted.

R1085

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre						Speed (km/h)
								0.6	0.8	1.0	1.2	1.4	1.6	
R28	**380/85R28** 133A8 130B R1085	387	1340	603	4049	W13	W11 W12		1940	2120	2325	2510	2680	**10**
								1290	1490	1665	1855	2035	2205	**30**
									1460	1630	1785	1930	2060	**40**
										1435	1600	1755	1900	**50**
	420/85R28 139A8 136B R1085	430	1420	639	4290	W15L	W14L		2290	2500	2740	2960	3160	**10**
								1520	1755	1965	2190	2400	2600	**30**
								1490	1720	1925	2105	2275	2430	**40**
										1690	1885	2070	2240	**50**
R30	**420/85R30** 140A8 137B R1085	449	1469	661	4439	W15L	W14L	2095	2350	2570	2815	3040	3250	**10**
								1730	1940	2120	2325	2510	2680	**30**
								1530	1770	1980	2165	2340	2500	**40**
										1780	1965	2140	2300	**50**
R34	**420/85R34** 142A8 139B R1085	451	1565	707	4744	W15L	W14L	2225	2495	2730	2990	3230	3450	**10**
								1835	2055	2250	2460	2660	2840	**30**
								1625	1875	2095	2295	2480	2650	**40**
										1880	2075	2260	2430	**50**
R36	**340/85R36** 132A8 129B R1085	348	1493	672	4512	W12	W11		1880	2060	2255	2435	2600	**10**
								1380	1550	1695	1855	2005	2140	**30**
								1290	1450	1585	1735	1875	2000	**40**
										1465	1605	1735	1850	**50**
R38	**340/85R38** 133A8 130B R1085	335	1533	690	4631	W12	W11	1730	1940	2120	2320	2505	2680	**10**
								1425	1595	1745	1910	2065	2205	**30**
								1330	1490	1630	1785	1930	2060	**40**
										1505	1645	1780	1900	**50**
	420/85R38 144A8 141B R1085	429	1670	752	5047	W15L	W14L	2345	2635	2880	3155	3405	3640	**10**
								1935	2170	2375	2600	2810	3000	**30**
								1715	1980	2215	2425	2620	2800	**40**
										1990	2200	2395	2575	**50**
	460/85R38 149A8 146B R1085	465	1743	785	5267	W16	W15L	2730	3060	3345	3665	3960	4230	**10**
								2245	2520	2755	3015	3255	3480	**30**
								1990	2300	2570	2815	3040	3250	**40**
										2320	2565	2790	3000	**50**
	520/85R38 155A8 152B R1085	525	1830	824	5530	W18L	W16L	3250	3645	3985	4365	4715	5040	**10**
								2675	3005	3285	3595	3885	4150	**30**
								2375	2745	3065	3360	3625	3875	**40**
										2745	3035	3300	3550	**50**

Where W rims are shown, DW rims with equivalent flanges are permitted.

R4000

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre													Speed (km/h)
								1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2					
R16	**7.50 R16** 102A8 99B R4000	200	792	356	2421	5.50	6.00F	795	855	910	965	1015	1065	1125	1180	1235					**10**
								590	630	675	715	750	790	830	870	910					**30**
								550	590	630	665	705	735	775	815	850					**40**
								500	540	575	605	640	670	705	740	775					**50**
								0.6	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**1.8**	**2.0**	**2.2**	**2.4**				
	280/70R16 112A8 109B R4000	276	805	362	2418	W9	W10 W8	765	860	940	1030	1110	1190	1275	1360	1435	1515				**10**
								605	680	745	815	880	940	1010	1075	1140	1200				**30**
								570	640	695	765	825	880	945	1005	1065	1120				**40**
								515	580	635	695	750	800	860	915	970	1020				**50**
								1.6	**1.8**	**2.0**	**2.2**	**2.4**	**2.6**	**2.8**	**3.0**	**3.2**					
R18	**7.50 R18** 104A8 101B R4000	202	850	383	2588	5.50F	6.00F	845	905	965	1020	1075	1130	1190	1250	1305					**10**
								625	670	715	755	795	835	880	920	965					**30**
								585	625	665	705	745	780	820	860	900					**40**
								530	570	605	645	675	710	750	785	820					**50**
								0.6	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**1.8**	**2.0**	**2.2**	**2.4**				
	280/70R18 114A8 111B R4000	273	855	385	2592	W9	W10 W8	810	905	990	1085	1170	1250	1345	1430	1515	1595				**10**
								640	715	785	860	930	990	1065	1135	1200	1265				**30**
								600	670	735	805	865	925	995	1060	1120	1180				**40**
								545	610	665	730	790	845	905	965	1020	1075				**50**
R20	**280/70R20** 116A8 113B R4000	273	906	408	2722	W9	W10 W8	855	960	1050	1150	1240	1325	1420	1515	1605	1690				**10**
								675	760	830	910	980	1050	1125	1200	1270	1340				**30**
								635	710	775	850	920	980	1055	1120	1190	1250				**40**
								575	645	705	775	835	895	960	1020	1080	1140				**50**
	300/70R20 120A8 117B R4000	290	939	423	2847	W9	W10	920	1035	1130	1240	1335	1430	1535	1635	1730	1820				**10**
								760	850	930	1020	1100	1175	1260	1345	1425	1500				**30**
								710	795	870	955	1030	1100	1180	1255	1330	1400				**40**
								645	725	790	865	935	1000	1075	1145	1210	1275				**50**
	320/70R20 123A8 120B R4000	315	985	446	2945	W10	W9 W10	1060	1185	1300	1420	1535	1640	1760	1875	1990	2095				**10**
								840	945	1030	1130	1220	1305	1400	1490	1575	1660				**30**
								785	880	965	1055	1140	1220	1305	1390	1475	1550				**40**
								715	800	875	960	1035	1110	1190	1265	1340	1415				**50**

Where W rims are shown, DW rims with equivalent flanges are permitted.

R4000

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre													Speed (km/h)
								1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2					
R20	**320/70R20** 130A8 130B R4000 EXTRA LOAD	315	985	446	2945	W10	W9 W11	1585	1700	1810	1920	2020	2140	2250	2365	2470					**10**
								1305	1400	1490	1580	1665	1760	1855	1945	2035					**30**
								1220	1310	1395	1475	1555	1645	1730	1820	1900					**40**
								1220	1310	1395	1475	1555	1645	1730	1820	1900					**50**
								0.6	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**1.8**	**2.0**	**2.2**	**2.4**				
	360/70R20 129A8 126B R4000	385	1056	475	3191	W11	W10 W12	1265	1420	1550	1700	1835	1960	2105	2240	2370	2500				**10**
								1000	1125	1230	1345	1455	1555	1665	1775	1880	1980				**30**
								935	1050	1150	1260	1360	1455	1560	1660	1760	1850				**40**
								850	955	1045	1145	1235	1320	1420	1510	1600	1685				**50**

Where W rims are shown, DW rims with equivalent flanges are permitted.

R8000 SEVERE SERVICE

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre														Speed (km/h)
								0.6	0.8	1.0	1.2	1.4	1.6									
R34	**460/85R34** (18.4 R34) 147A8 144B R8000SS	467	1635	736	4941	W 16L	W 15L	2580	2895	3165	3465	3745	4000									**10**
								2130	2390	2610	2860	3090	3300									**30**
								1885	2175	2435	2665	2880	3075									**40**
										2165	2390	2605	2800									**50**
R38	**460/85R38** (18.4 R38) 149A8 146B R8000SS	467	1750	793	5279	W 16L	W 15L	2730	3060	3345	3665	3960	4230									**10**
								2245	2520	2755	3015	3255	3480									**30**
								1990	2300	2570	2815	3040	3250									**40**
										2320	2565	2790	3000									**50**
	520/85R38 (20.8 R38) 155A8 152B R8000SS	528	1810	821	5470	W 18L	W 16L	3250	3645	3985	4365	4715	5040									**10**
								2675	3005	3285	3595	3885	4150									**30**
								2375	2745	3065	3360	3625	3875									**40**
										2745	3035	3300	3550									**50**

SS: SEVERE SERVICE

Where W rims are shown, DW rims with equivalent flanges are permitted.

Firestone

RADIAL AGRICULTURAL

COMBINE – HARVESTER

MAXI TRACTION

- Designed for high horsepower combines and harvesters.
- Upgraded load indexes.
- Excellent traction, self-cleaning and driving comfort.
- Long tyre life and uniform tread wear.

Customer Benefits

Tyre Development Features

NOTES

MAXI TRACTION

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre													Speed (km/h)
								0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.4	2.8	3.2	3.4	3.6	4.0	
R30	**620/75R30** 168A8 168B MAXI TRACTION	651	1701	764	5083	DW20B	-	4095	4575	5040	5495	5955	6335	6700	7370	7955	8535	8780	9020	9520	**10***
								3630	4105	4540	4940	5315	5670	5980	6550	7075	7560				**10**
								2880	3255	3600	3915	4215	4495	4740	5190	5605	5995				**30**
								2690	3040	3365	3660	3940	4200	4430	4850	5240	5600				**40**
								2690	3040	3365	3660	3940	4200	4430	4850	5240	5600				**50**
R32	**650/75R32** 172A8 172B MAXI TRACTION	681	1801	810	5389	DW21B	DW20B DW23B	4605	5145	5665	6180	6650	7105	7540	8295	8950	9565	9860	10160	10710	**10***
								4085	4620	5105	5560	5980	6380	6725	7370	7960	8505				**10**
								3240	3660	4045	4405	4740	5060	5330	5840	6310	6745				**30**
								3025	3420	3780	4115	4430	4725	4985	5460	5895	6300				**40**
								3025	3420	3780	4115	4430	4725	4985	5460	5895	6300				**50**
	800/65R32 178A8 178B MAXI TRACTION	827	1852	833	5542	DW27B	DW25B DW27B	5485	6125	6765	7405	7920	8450	8975	9870	10650	11395	11740	12080	12750	**10***
								4860	5495	6075	6615	7120	7595	8005	8770	9475	10125				**10**
								3855	4360	4820	5245	5645	6020	6345	6950	7510	8025				**30**
								3605	4075	4505	4900	5275	5630	5930	6500	7020	7500				**40**
								3605	4075	4505	4900	5275	5630	5930	6500	7020	7500				**50**
	900/60R32 181A8 181B MAXI TRACTION	897	1914	856	5695	DW28B	DW27B DW30B	6035	6735	7440	8095	8710	9290	9870	10855	11715	12535	12910	13285	14025	**10***
								5350	6050	6685	7280	7830	8355	8810	9650	10420	11140				**10**
								4240	4795	5300	5770	6210	6625	6980	7645	8260	8830				**30**
								3965	4480	4950	5390	5800	6190	6525	7145	7720	8250				**40**
								3965	4480	4950	5390	5800	6190	6525	7145	7720	8250				**50**
R34	**710/75R34** 178A8 178B MAXI TRACTION	751	1943	866	5762	DW23B	DW21B	5485	6125	6765	7405	7920	8450	8975	9870	10650	11395	11740	12080	12750	**10***
								4860	5495	6075	6615	7120	7595	8005	8770	9475	10125				**10**
								3855	4360	4820	5245	5645	6020	6345	6950	7510	8025				**30**
								3605	4075	4505	4900	5275	5630	5930	6500	7020	7500				**40**
								3605	4075	4505	4900	5275	5630	5930	6500	7020	7500				**50**

(*): Cyclic Application (see note)

Note:
* Cyclic tyre bonus loads are permitted for traction wheels in cyclic loading operations involving minimal torque and wide fluctuation in weight carried.
* Vehicles must be unloaded before transport outside the field.
* Maximum load may not be carried for more than 1.5 km before unloading operation begins.
* Maximum load per tyre includes all possible field and vehicle/usage variations.
* For hillside operations over 11° (20%) slope, no cyclic bonus load is allowed.
* Basic inflation pressure must be increased as per tables.

Where W rims are shown, DW rims with equivalent flanges are permitted.

Firestone

RADIAL AGRICULTURAL

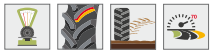
ROW CROP

PERFORMER 85-90-95 ROW CROP

- Narrow tyre-design for sprayers and row crop equipment.
- High load capacity.
- Outstanding on-road performance.
- Excellent traction and self-cleaning.
- Long tyre-life.

Customer Benefits

Tyre Development Features



NOTES

PERFORMER 85 - Row Crop

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre													Speed (km/h)
								1.2	1.6	2.0	2.4	2.8	3.6	4.0	4.5						
R48	**340/85R48** 151D 165A2 PERFORMER 85	353	1797	850	5525	W12	W11		3435	3825	4205	4535	5190	5495	5865						**10***
								2905	3405	3765	4120	4485	5150								**10**
								2310	2705	2990	3275	3565	4090								**25**
								2240	2625	2900	3175	3460	3970								**30**
								2135	2500	2760	3025	3290	3780								**40**
								2045	2395	2650	2900	3160	3625								**50**
								1945	2280	2520	2765	3005	3450								**65**

PERFORMER 90 - Row Crop

								0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0		
R32	**320/90R32** 134D 148A2 PERFORMER 90	319	1389	657	4264	W10	W9 W11		1930	2190	2440	2680	2855	3070	3180	3295	3405	3505	3605		**10***
								1650	1930	2190	2440	2680	2810	2930	3045	3150					**10**
								1315	1540	1750	1945	2140	2240	2335	2430	2515					**25**
								1280	1495	1695	1890	2075	2175	2270	2355	2440					**30**
								1220	1425	1615	1800	1975	2070	2160	2245	2325					**40**
								1170	1365	1550	1725	1895	1985	2070	2150	2230					**50**
								1110	1300	1475	1645	1805	1890	1970	2050	2120					**65**

PERFORMER 95 - Row Crop

								1.6	2.0	2.4	2.8	3.2	3.6	4.0	4.5	5.0					
R32	**230/95R32** 128D 143A2 PERFORMER 95	238	1251	592	3858	W8	W7		1950	2090	2230	2385	2560	2725	2875	3060					**10***
								1735	1895	2040	2200	2385	2560	2725							**10**
								1355	1485	1595	1725	1865	2005	2135							**25**
								1315	1440	1550	1675	1810	1945	2070							**30**
								1255	1370	1475	1595	1725	1850	1975							**40**
								1205	1315	1415	1530	1655	1775	1890							**50**
								1145	1255	1350	1455	1575	1690	1800							**65**
	270/95R32 136D 150A2 PERFORMER 95	275	1327	628	4092	W9	W8 W10		2480	2655	2835	3005	3200	3410	3610	3810					**10***
								2180	2380	2560	2765	3000	3180	3350							**10**
								1725	1885	2030	2195	2375	2520	2655							**25**
								1675	1835	1970	2130	2305	2445	2580							**30**
								1595	1745	1875	2025	2195	2330	2455							**40**
								1530	1675	1800	1945	2105	2235	2355							**50**
								1460	1595	1715	1850	2005	2125	2240							**65**

(*): Cyclic Application (see note)

Note:
* Cyclic tyre bonus loads are permitted for traction wheels in cyclic loading operations involving minimal torque and wide fluctuation in weight carried.
* Vehicles must be unloaded before transport outside the field.
* Maximum load may not be carried for more than 1.5 km before unloading operation begins.
* Maximum load per tyre includes all possible field and vehicle/usage variations.
* For hillside operations over 11° (20%) slope, no cyclic bonus load is allowed.
* Basic inflation pressure must be increased as per tables.

Where W rims are shown, DW rims with equivalent flanges are permitted.

PERFORMER 95 - Row Crop

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre									Speed (km/h)
								1.6	2.0	2.4	2.8	3.2	3.6	4.0	4.5	5.0	
R36	**230/95R36** 130D 145A2 PERFORMER 95	238	1352	639	4157	W8	W7		2060	2220	2395	2595	2755	2900	3065	3230	**10***
								1850	2025	2220	2395	2595	2755	2900			**10**
								1440	1575	1725	1860	2015	2140	2255			**25**
								1395	1525	1670	1805	1955	2075	2185			**30**
								1330	1455	1595	1720	1865	1975	2085			**40**
								1275	1395	1530	1650	1785	1895	1995			**50**
								1215	1325	1455	1570	1700	1805	1900			**65**
	270/95R36 139D 153A2 PERFORMER 95	275	1428	675	4390	W9	W8 W10		2625	2810	2990	3195	3430	3650	3875	4135	**10***
								2315	2535	2725	2990	3195	3430	3650			**10**
								1830	2000	2150	2360	2520	2705	2880			**25**
								1775	1940	2085	2290	2445	2625	2795			**30**
								1690	1850	1990	2180	2330	2500	2665			**40**
								1620	1770	1905	2090	2235	2400	2555			**50**
								1545	1685	1815	1990	2125	2285	2430			**65**
R38	**270/95R38** 140D 154A2 PERFORMER 95	275	1479	700	4540	W9	W8 W10		2715	2905	3105	3315	3560	3770	4015	4250	**10***
								2390	2615	2815	3060	3315	3560	3750			**10**
								1890	2065	2225	2420	2620	2815	2965			**25**
								1835	2005	2155	2345	2545	2730	2875			**30**
								1745	1910	2055	2235	2420	2600	2740			**40**
								1675	1830	1970	2145	2320	2490	2625			**50**
								1595	1745	1875	2040	2210	2375	2500			**65**
R42	**300/95R42** 147D 161A2 PERFORMER 95	306	1637	774	5048	W10	W9 DW10 DW11 W11		3300	3560	3830	4095	4365	4625	4930	5230	**10***
								2910	3220	3495	3805	4095	4365	4625			**10**
								2295	2535	2755	2995	3225	3440	3645			**25**
								2230	2465	2675	2910	3130	3340	3540			**30**
								2120	2345	2545	2770	2980	3180	3370			**40**
								2035	2250	2440	2655	2860	3050	3230			**50**
								1935	2140	2325	2530	2720	2905	3075			**65**
R44	**230/95R44** 134D 148A2 PERFORMER 95	238	1556	736	4791	W8	W7		2310	2475	2650	2820	3030	3225	3420	3605	**10***
								2015	2205	2370	2600	2820	2990	3150			**10**
								1610	1760	1895	2075	2250	2385	2515			**25**
								1560	1710	1835	2015	2185	2315	2440			**30**
								1485	1625	1750	1920	2080	2205	2325			**40**
								1425	1560	1680	1840	1995	2115	2230			**50**
								1360	1485	1595	1750	1900	2015	2120			**65**

(*): Cyclic Application (see note)

Note:
* Cyclic tyre bonus loads are permitted for traction wheels in cyclic loading operations involving minimal torque and wide fluctuation in weight carried.
* Vehicles must be unloaded before transport outside the field.
* Maximum load may not be carried for more than 1.5 km before unloading operation begins.
* Maximum load per tyre includes all possible field and vehicle/usage variations.
* For hillside operations over 11° (20%) slope, no cyclic bonus load is allowed.
* Basic inflation pressure must be increased as per tables.

Where W rims are shown, DW rims with equivalent flanges are permitted.

PERFORMER 95 - Row Crop

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre									Speed (km/h)
								1.6	2.0	2.4	2.8	3.2	3.6	4.0	4.5	5.0	
R44	**270/95R44** 142D 156A2 PERFORMER 95	275	1632	772	5025	W9	W8 W10		2885	3085	3300	3570	3880	4055	4300	4505	**10***
								2555	2795	3005	3295	3570	3880	4000			**10**
								2005	2195	2360	2585	2805	3045	3140			**25**
								1945	2130	2290	2510	2720	2955	3050			**30**
								1855	2030	2180	2390	2590	2815	2905			**40**
								1780	1945	2090	2295	2485	2700	2785			**50**
								1695	1850	1990	2185	2365	2570	2650			**65**
R46	**300/95R46** 148D 162A2 PERFORMER 95	306	1738	822	5343	W10	W9 DW10 DW11 W11		3420	3715	4010	4290	4550	4795	5075	5355	**10***
								3065	3390	3680	3975	4250	4510	4750			**10**
								2410	2665	2890	3125	3340	3545	3735			**25**
								2340	2585	2810	3035	3240	3440	3625			**30**
								2230	2465	2675	2890	3085	3275	3450			**40**
								2135	2365	2565	2770	2960	3140	3310			**50**
								2035	2250	2440	2635	2820	2990	3150			**65**
R48	**230/95R48** 136D 150A2 PERFORMER 95	238	1657	784	5102	W8	W7		2465	2635	2815	3000	3200	3410	3610	3810	**10***
								2160	2365	2540	2765	3000	3180	3350			**10**
								1715	1875	2015	2195	2375	2520	2655			**25**
								1665	1820	1955	2130	2305	2445	2580			**30**
								1585	1730	1860	2025	2195	2330	2455			**40**
								1520	1660	1785	1945	2105	2235	2355			**50**
								1445	1580	1700	1850	2005	2125	2240			**65**
	270/95R48 144D 158A2 PERFORMER 95	275	1733	819	5332	W9	W8 W10		3055	3270	3510	3805	4035	4260	4515	4760	**10***
								2720	2975	3200	3510	3805	4035	4250			**10**
								2125	2325	2500	2740	2970	3150	3320			**25**
								2065	2255	2425	2660	2880	3055	3220			**30**
								1965	2150	2310	2535	2745	2910	3070			**40**
								1885	2060	2215	2430	2630	2790	2940			**50**
								1795	1960	2110	2315	2505	2660	2800			**65**
R52	**300/95R52** 151D 165A2 PERFORMER 95	306	1891	894	5832	W10	W9 DW10 DW11 W11		3735	4000	4270	4530	4835	5150	5505	5865	**10***
								3275	3580	3850	4160	4505	4835	5150			**10**
								2600	2845	3060	3305	3580	3840	4090			**25**
								2525	2760	2970	3205	3475	3725	3970			**30**
								2405	2630	2825	3055	3305	3550	3780			**40**
								2305	2520	2710	2925	3170	3405	3625			**50**
								2195	2400	2580	2790	3020	3240	3450			**65**

(*): Cyclic Application (see note)

Note:
* Cyclic tyre bonus loads are permitted for traction wheels in cyclic loading operations involving minimal torque and wide fluctuation in weight carried.
* Vehicles must be unloaded before transport outside the field.
* Maximum load may not be carried for more than 1.5 km before unloading operation begins.
* Maximum load per tyre includes all possible field and vehicle/usage variations.
* For hillside operations over 11° (20%) slope, no cyclic bonus load is allowed.
* Basic inflation pressure must be increased as per tables.

Where W rims are shown, DW rims with equivalent flanges are permitted.

Firestone

RADIAL INDUSTRIAL

BACKHOE-LOADER / TELEHANDLER

DURAFORCE-UTILITY
- For backhoe loaders, small wheeled loaders and telehandlers.
- Excellent lateral stability.
- Cut and puncture resistance.
- Excellent grip on hard surfaces.
- Uniform tread wear and long life.

Customer Benefits

R8000-UTILITY
- For mixed agricultural and industrial applications.
- Excellent lateral stability and safety.
- Cut & puncture resistant.
- Reliable grip on hard surfaces.

Customer Benefits

NOTES

DURAFORCE-UTILITY

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre											Speed (km/h)
								1.5	1.75	2.0	2.25	2.5	2.75	3.0	3.3	3.5	3.75	4.0	
R18	**340/80R18** IND 143A8 DURAFORCE-UTILITY	343	1008	452	3037	11	12 W10 W11	3085	3385	3685	4000	4310	4650	4985	5310	5635	5955	6270	**0**
								2015	2205	2405	2610	2810	3030	3250	3465	3675	3885	4090	**10***
								1675	1840	2000	2175	2340	2525	2710	2885	3065	3235	3410	**10**
								1395	1530	1665	1810	1945	2100	2255	2400	2550	2695	2835	**30**
								1340	1470	1600	1740	1870	2020	2165	2310	2450	2590	2725	**40**
								1220	1340	1460	1585	1705	1840	1970	2100	2230	2355	2480	**50**
								1.25	**1.5**	**1.8**	**2.0**	**2.25**	**2.5**	**2.75**	**3.0**	**3.3**	**3.5**	**3.75**	
	405/70R18 141B 153A2 DURAFORCE-UTILITY	407	1025	460	3090	13	12 13.00	2545	2890	3220	3535	3835	4130	4460	4780	5135	5490	5840	**0**
								1590	1805	2010	2210	2400	2585	2785	2990	3210	3430	3650	**10***
								1445	1645	1825	2010	2185	2345	2535	2715	2920	3120	3320	**10**
								1190	1350	1505	1655	1795	1930	2085	2235	2400	2570	2730	**30**
								1155	1315	1460	1605	1745	1875	2025	2170	2335	2495	2655	**40**
								1125	1275	1420	1560	1695	1825	1965	2110	2265	2420	2575	**50**
R20	**335/80R20** 136B 147A2 DURAFORCE-UTILITY	339	1044	469	3146	11	12 W10 W11	2145	2435	2710	2975	3235	3480	3755	4025	4330	4625	4920	**0**
								1340	1525	1695	1860	2020	2175	2350	2520	2705	2890	3075	**10***
								1260	1435	1595	1745	1894	2045	2200	2365	2540	2715	2890	**10**
								1035	1175	1310	1440	1560	1680	1815	1945	2090	2235	2375	**30**
								1005	1145	1275	1395	1515	1635	1760	1890	2030	2170	2310	**40**
								975	1110	1235	1355	1475	1585	1710	1835	1970	2105	2240	**50**
	365/80R20 141B 153A2 DURAFORCE-UTILITY	360	1092	490	3285	11	12	2545	2890	3220	3535	3835	4130	4460	4780	5135	5490	5840	**0**
								1590	1805	2010	2210	2400	2585	2785	2990	3210	3430	3650	**10***
								1445	1645	1825	2010	2185	2345	2535	2715	2920	3120	3320	**10**
								1190	1350	1505	1655	1795	1930	2085	2235	2400	2570	2730	**30**
								1155	1315	1460	1605	1745	1875	2025	2170	2335	2495	2655	**40**
								1125	1275	1420	1560	1695	1825	1965	2110	2265	2420	2575	**50**
								1.5	**1.75**	**2.0**	**2.25**	**2.5**	**2.75**	**3.0**	**3.3**	**3.5**	**3.75**	**4.0**	
	400/70R20 IND 149A8 DURAFORCE-UTILITY	404	1068	480	3227	13	12 14 W14L	3490	3885	4265	4635	4990	5385	5770	6200	6630	7055	7475	**0**
								2275	2535	2785	3025	3255	3510	3765	4045	4325	4600	4875	**10***
								1895	2115	2320	2520	2710	2925	3140	3370	3605	3835	4065	**10**
								1580	1760	1930	2095	2255	2435	2610	2805	3000	3190	3380	**30**
								1520	1690	1855	2015	2170	2340	2510	2700	2885	3070	3250	**40**
								1380	1540	1690	1835	1975	2130	2285	2455	2625	2795	2960	**50**
R24	**460/70R24** IND 159A8 DURAFORCE-UTILITY	458	1245	560	3762	W15L	W14L DW14L DW15L	4970	5455	5910	6420	6910	7460	7995	8525	9045	9560	10065	**0**
								3245	3560	3855	4185	4505	4865	5215	5560	5900	6235	6565	**10***
								2705	2965	3215	3490	3755	4055	4345	4635	4915	5195	5470	**10**
								2250	2470	2675	2905	3125	3375	3615	3855	4090	4325	4550	**30**
								2165	2375	2570	2790	3005	3245	3480	3710	3935	4155	4375	**40**
								1970	2160	2340	2540	2735	2950	3165	3375	3580	3785	3985	**50**

(*) Cyclic Application (One way distance of 600 metres)

Where W rims are shown, DW rims with equivalent flanges are permitted.

DURAFORCE-UTILITY

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre											Speed (km/h)
								1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	
R24	**500/70R24** IND 157A8 157B DURAFORCE-UTILITY	516	1310	589	3955	DW16L	DW15L	4870	5345	5790	6215	6690	7150	7600	8040	8530	9015	9490	**0**
								3180	3485	3775	4055	4365	4665	4955	5245	5565	5880	6190	**10***
								2650	2905	3150	3380	3635	3885	4130	4370	4635	4900	5160	**10**
								2205	2415	2620	2810	3025	3235	3435	3635	3855	4075	4290	**30**
								2120	2325	2520	2705	2910	3110	3305	3495	3710	3920	4125	**40**
								2120	2325	2520	2705	2910	3110	3305	3495	3710	3920	4125	**50**
R26	**480/80R26** IND 160A8 DURAFORCE-UTILITY	479	1428	642	4307	W15L	W16L	5345	5860	6350	6815	7295	7800	8290	8765	9305	9830	10350	**0**
								3485	3825	4145	4445	4760	5090	5405	5720	6070	6410	6750	**10***
								2905	3185	3450	3705	3965	4240	4505	4765	5055	5345	5625	**10**
								2415	2650	2870	3080	3300	3530	3750	3965	4205	4445	4680	**30**
								2325	2550	2760	2965	3175	3395	3605	3815	4045	4275	4500	**40**
								2115	2320	2515	2695	2890	3085	3280	3470	3680	3890	4095	**50**
R28	**440/80R28** IND 156A8 DURAFORCE-UTILITY	441	1420	637	4291	W14L	W15L	4725	5185	5615	6025	6485	6935	7370	7795	8270	8740	9200	**0**
								3080	3380	3660	3930	4230	4520	4805	5085	5395	5700	6000	**10***
								2570	2815	3050	3275	3525	3770	4005	4235	4495	4750	5000	**10**
								2140	2345	2540	2725	2935	3135	3335	3525	3740	3955	4160	**30**
								2055	2255	2445	2620	2820	3015	3205	3390	3595	3800	4000	**40**
								1870	2055	2225	2385	2570	2745	2915	3085	3275	3460	3640	**50**

(*) Cyclic Application (One way distance of 600 metres)

Where W rims are shown, DW rims with equivalent flanges are permitted.

R8000 UTILITY

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre											Speed (km/h)
								1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	
R18	**340/80R18** 136A8 TL R8000 UTILITY	343	1005	452	3037	11	W10 W11	2720	2985	3230	3470	3695	3910	4160	440	4630	4895	5155	**0**
								1775	1945	2110	2265	2410	2555	2715	2870	3020	3195	3360	**10***
								1480	1625	1760	1885	2010	2130	2260	2390	2520	2660	2800	**10**
								1230	1350	1465	1570	1670	1770	1880	1990	2095	2215	2330	**30**
								1185	1300	1405	1510	1610	1700	1810	1915	2015	2130	2240	**40**
								1075	1180	1280	1375	1465	1550	1645	1740	1835	1940	2040	**50**
								1.5	**1.75**	**2.0**	**2.25**	**2.5**	**2.75**	**3.0**	**3.3**	**3.5**	**3.75**	**4.0**	
R20	**400/70R20** 149A8 TL R8000 UTILITY	400	1068	480	3227	13	14	3490	3885	4265	4635	4990	5385	5770	6200	6630	7055	7475	**0**
								2275	2535	2785	3025	3255	3510	3765	4045	4325	4600	4875	**10***
								1895	2115	2320	2520	2710	2925	3140	3370	3605	3835	4065	**10**
								1580	1760	1930	2095	2255	2435	2610	2805	3000	3190	3380	**30**
								1520	1690	1855	2015	2170	2340	2510	2700	2885	3070	3250	**40**
								1380	1540	1690	1835	1975	2130	2285	2455	2625	2795	2960	**50**
								2.5	**2.75**	**3.0**	**3.25**	**3.5**	**3.75**	**4.0**	**4.3**	**4.5**	**4,75**	**5.0**	
R24	**400/70R24** 158A8 TL R8000 UTILITY	405	1180	531	3566	13	W12 W13 W14L	5490	5925	6355	6775	7190	7595	8000	8445	8890	9335	9775	**0**
								3585	3865	5145	4420	4690	4955	5215	5510	5800	6090	6375	**10***
								2985	3220	3455	3680	3905	4130	4345	4590	4835	5075	5315	**10**
								2485	2680	2875	3065	3255	3435	3620	3820	4025	4225	4420	**30**
								2390	2580	2765	2950	3130	3305	3480	3675	3870	4060	4250	**40**
								2175	2345	2515	2680	2845	3010	3165	3345	3520	3695	3870	**50**
								1.5	**1.75**	**2.0**	**2.25**	**2.5**	**2.75**	**3.0**	**3.3**	**3.5**	**3.75**	**4.0**	
	400/80R24 IND 156A8 TL R8000 UTILITY	404	1275	572	3837	W13	13 W14L	3740	4105	4505	4890	5265	5630	6035	6435	6830	7215	7600	**0**
								2950	3240	3555	3860	4155	4445	4765	5080	5390	5695	6000	**10***
								2460	2700	2960	3215	3465	3700	3970	4230	4490	4745	5000	**10**
								2045	2245	2465	2675	2880	3080	3305	3520	3735	3950	4160	**30**
								1965	2160	2370	2575	2770	2960	3175	3385	3595	3795	4000	**40**
								1790	1965	2155	2345	2520	2695	2890	3080	3270	3455	3640	**50**
								1.2	**1.4**	**1.6**	**1.8**	**2.0**	**2.2**	**2.4**	**2.6**	**2.8**	**3.0**	**3.2**	
	460/70R24 IND (17.5LR24) 152A8 TL R8000 UTILITY	458	1245	560	3762	W15L	W14L DW14L DW15L	4160	4565	4945	5310	5715	6110	6495	6870	7290	7705	8165	**0**
								2715	2975	3225	3460	3725	3985	4235	4480	4755	5025	5325	**10***
								2260	2480	2690	2885	3105	3320	3530	3735	3965	4190	4440	**10**
								1880	2065	2235	2400	2585	2765	2935	3105	3295	3485	3695	**30**
								1810	1985	2150	2305	2485	2655	2820	2985	3170	3350	3550	**40**
								1645	1805	1955	2100	2260	2415	2570	2720	2885	3050	3235	**50**

(*) Cyclic Application (One way distance of 600 metres)

Where W rims are shown, DW rims with equivalent flanges are permitted.

R8000 UTILITY

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre											Speed (km/h)
								1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	
R28	**440/80R28** 156A8 TL R8000 UTILITY	460	1420	639	4291	W14L	W15L	4725	5185	5615	6025	6485	6935	7370	7795	8270	8740	9500	**0**
								3080	3380	3660	3930	4230	4520	4805	5085	5395	5700	6000	**10***
								2570	2815	3050	3275	3525	3770	4005	4235	4495	4750	5000	**10**
								2140	2345	2540	2725	2935	3135	3335	3525	3740	3955	4160	**30**
								2055	2255	2445	2620	2820	3015	3205	3390	3595	3800	4000	**40**
								1870	2055	2225	2385	2570	2745	2915	3085	3275	3460	3640	**50**

(*) Cyclic Application (One way distance of 600 metres)

Where W rims are shown, DW rims with equivalent flanges are permitted.

Firestone

Bias Tyres

BIAS AGRICULTURAL

TRACTOR

ATC
- Designed for tractors' rear-fitment.
- Variable width, reinforced lugs for excellent traction.
- 45° lug design for good lateral stability, much appreciated on hillsides.
- Nylon carcass: greater shock and impact resistance.

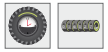
Customer Benefits

AT F&R
- Power axle tyre for good performance in the field and on the road.
- 23° lug design for excellent traction.
- Nylon cord body for durability and long life.

Customer Benefits

OCM
- Power axle tyre with unique hammer head design lugs.
- Reinforced tires for the toughest jobs.

Customer Benefits

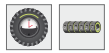


SAT23
- More lugs combined with open center design for better wear and traction.
- Flatter contour with proven 23° long bar tread design for excellent traction, long even wear and smooth ride.
- Dual rubber compounds provide long-wearing, tear resistant tread and resistance to cracking and weathering in the sidewall.
- Bead Rim Protector: soil can not be trapped between rim flange and tyre bead.

Customer Benefits

RANCHER T114-131-133
- Designed for the drive axles of various types of powered. machinery (tractor & implement).
- Open centre tread design for self-cleaning and better grip.
- 45° lugs for good stability on slopes.

Customer Benefits



Tyre Development Features

RIB
- Designed for tractor front-steering and implement.
- Provides good traction.
- Even wear and long tyre-life.

Customer Benefits

3 RIB
- Wide 3 rib-design for all types of farming conditions.
- Rugged Firestone construction.
- Even wear and long tyre-life.

Customer Benefits

4 RIB
- 4 rib-tread for flotation and resistance to side slip.
- OEM preferred tyre.
- Even wear and long tyre-life.

Customer Benefits

NOTES

ALL TRACTION CHAMPION (ATC) - (ATCDT)

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre - 30 km/h										Speed (km/h)
								1.1	1.4	1.6	1.7	1.8	2.0	2.1	2.2	2.3	2.4	
20	**9.5 - 20 6** PR TT - ATC	245	950	432	2840	W 8	W 7	555	650	700	725	750	800	825				**30**
24	**9.5 - 24 6** PR TT - ATC	250	1040	478	3113	W 8	W 7	640	740	800	830	860	910	940				**30**
	11.2 - 24 8 PR TT - ATC	290	1100	502	3291	W 10	W 9	770	885	965	1010	1045	1100	1125	1160	1195	1225	**30**
	12.4 - 24 8 PR TT - ATC	322	1143	520	3410	W 11	W9/10	930	1030	1160	1200	1245	1330	1375	1415			**30**
	14.9 - 24 8 PR TT - ATC		1265	569	3770	W 13	W11/12	1315	1510	1640	1700	1760						**30**
26	**23.1 - 26 14** PR TT - ATC	586	1578	700	4632	DW20A	W18L	2850	3245	3490	3610	3730	3970					**30**
28	**11.2 - 28 6** PR TT - ATC	284	1200	553	3586	W 10	W 9	815	945	1035	1075	1115						**30**
	12.4 - 28 6 PR TT - ATC	315	1260	577	3762	W 11	W9/10	1005	1140	1230	1275							**30**
	13.6 - 28 6 PR TT - ATC	352	1310	597	3908	W 12	W 11	1155	1320	1430								**30**
	16.9 - 28 8 PR TT - ATC	429	1435	647	4271	W 15L	W 14L	1675	1925	2095	2175							**30**
30	**14.9 - 30 6** PR TT - ATC	378	1418	645	4219	W 13	W11/12	1450	1665									**30**
	16.9 - 30 8 PR TT - ATC	429	1485	672	4420	W 15L	W14L	1730	1985	2160	2245							**30**
	18.4 - 30 12 PR TT - ATC	471	1546	697	4590	W 16L	W 15L	2120	2415	2615	2715	2815	2965	3040	3110	3180		**30**
34	**18.4 - 34 8** PR TT - ATC	467	1674	758	4975	W 16L	W 15L	2250	2565									**30**
36	**13.6 - 36 6** PR TT - ATC	352	1510	697	4493	W 12	W 11	1300	1490	1615								**30**
38	**18.4 - 38 8** PR TT - ATC DT (1)	479	1760	803	5242	W 16L	W 15L	2380	2715									**30**
	20.8 - 38 10 PR TT - ATC	526	1875	849	5569	W 18L	W 16L	2670	3090	3480								**30**

(1) Deep Tread

Note: The tables show loads for 30 km/h maximum speed. For operations at other speeds, the above loads may be changed as shown in the table at the right:

(1) For front end loader service (6 PR and above) with a 25% increase in inflation pressure.
(2) 6 PR and above with a 25% increase in inflation pressure.
(3) Rim/wheel manufacturer should be consulted for approval of rim/wheel strength for load, pressure and speed requirements.

Maximum Speed (km/h)	% change in loads from 30 km/h load	Changes in Infl. Pressure
10	+ 100% (1)	+ 25%
10	+ 50% (2)	+ 25%
20	+ 35%	None
25	+ 15%	None
30	Same as above table	None
35	- 10%	None
40	- 20%	None

Where W rims are shown, DW rims with equivalent flanges are permitted.

RANCHER T114-131-133

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre - 30 km/h									Speed (km/h)
								1.25	1.5	2.2	2.5	2.75	3.0	3.5			
8	**4.00 - 8 2** PR TT - T114	107	440	208	1350	3.00 D	2.50 C		107								**30**
10	**5.0 - 10 2** PR TT - T131	126	515	236	1535	4.00 B	3.50 B	225									**30**
12	**4.00/5 - 12 2** PR TT - T114	123	528	248	1595	3.00 D	3.00 B		210								**30**
		-					3.50B										
	5.00 - 12 6 PR TT - T133	135	572	271	1740	3.50 D	3.00 D							475			**30**
		-					4.00 E										
		-					4 J										
	7.00 - 12 6 PR TT - T133	180	670	307	1995	5.50 F	5 J				680						**30**
	11.0 / 65 - 12 6 PR TT - T133	265	718	330	2140	9.00	-			1000							**30**
15	**5.00 - 15 2** PR TT - T114	140	654	319	2025	4.00 E	3.50 D	310									**30**
		-					4.5 J										
	8.0 / 75 - 15 6 PR TT - T133	199	708	322	2100	6 1/2 K	-				800						**30**
15.3	**27 X 10 - 15.3 8** PR TT - T133	261	687	317	2058	9.00	-						1000				**30**
								1.25	**2.25**	**2.75**	**3.1**	**3.25**	**3.75**	**4.1**			
	10.0 / 75 - 15.3 8 PR TT - T133	257	780	360	2330	9.00	-				1330						**30**
	11.5 / 80 - 15.3 12 PR TT - T131	285	873	390	2613	9.00	-							2145			**30**
16	**6.50 - 16 8** PR TT - T133	187	777	360	2330	4.50 E	4.00 E						925				**30**
		-					5 K - 5 F										
		-					5.50 F										
18	**7.50 - 18 6** PR TT - T131	197	863	392	2604	5.50 F	-		950								**30**
19	**4.50 - 19 2** PR TT - T131	120	737	350	2240	3.00 D	-	295									**30**

Note: The tables show loads for 30 km/h maximum speed. For operations at other speeds, the above loads may be changed as shown in the table at the right:

(1) For front end loader service (6 PR and above) with a 25% increase in inflation pressure.
(2) 6 PR and above with a 25% increase in inflation pressure.
(3) Rim/wheel manufacturer should be consulted for approval of rim/wheel strength for load, pressure and speed requirements.

Maximum Speed (km/h)	% change in loads from **30 km/h** load	Changes in Infl. Pressure
10	+ 100% (1)	+ 25%
10	+ 50% (2)	+ 25%
20	+ 35%	None
25	+ 15%	None
30	Same as above table	None
35	- 10%	None
40	- 20%	None

Where W rims are shown, DW rims with equivalent flanges are permitted.

ALL TRACTION FIELD & ROAD (AT F&R)

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre - 30 km/h										Speed (km/h)
								1.1	1.4	1.6	1.7							
30	**16.9 - 30** 8 PR TT - AT F&R (2)	434	1478	670	4404	W 15L	W 14L	1730	1985	2160	2245							30
	18.4 - 30 8 PR TT - AT F&R (2)	476	1559	702	4638	W 16L	W 15L	2120	2415									30

(2) F202

OPEN CENTER MARTILLO (OCM)

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre - 30 km/h										Speed (km/h)
								1.1	1.4	1.6	1.7							
34	**16.9 - 34** 8 PR TT - OCM	420	1572	717	4672	W 15L	W 14L	1830	2110	2290	2380							30

SUPER ALL TRACTION 23° (SAT23)

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre - 30 km/h										Speed (km/h)
								1.1	1.4	1.6	1.7	1.8						
38	**15.5 - 38** 6 PR TL - SAT 23°	391	1550	721	4675	W 14L	-	1550	1765	1915	1990	2060						30

Note: The tables show loads for 30 km/h maximum speed. For operations at other speeds, the above loads may be changed as shown in the table on page 103.

Where W rims are shown, DW rims with equivalent flanges are permitted.

RIB - Front Steering

		SW	OD	SLR	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre - 30 km/h										Speed (km/h)
							2.5	2.8	3.1	3.3	3.4	3.6	3.7	3.9	4.4	4.7	
12	**4.00 - 12 4** PR TT - RIB	112	534	252	3.00D	2.50C	205	220	235	245	250						30
	8.50 - 12 6 PR TT - RIB	235	716	329	7.00		1040										30
15	**4.00 - 15 4** PR TT - RIB	112	610	290	3.00D	4J	250	265	280	295	300						30
	5.00 - 15 6 PR TT - RIB	144	654	310	4.00E	3.00D/4J/41/2 J	345	365	380	390	395	405	410	425	465		30
16	**5.50 - 16 6** PR TT - RIB	154	716	334	4.00E	3.50D/4.50 E	425	450	475	495	505	520	525				30
	6.00 - 16 6 PR TT - RIB	167	752	345	4.50E	4.00E/5K/5.00F	480	505	540	560							30
	6.50 - 16 6 PR TT - RIB	170	745	347	4.50E	4.00E/5K/5.00F/5.50F	545	580	615								30
	7.00 - 16 8 PR TT - RIB	183	774	363	5.00 F	5.50 F	655	700	730	750	770	800	820				30
	7.50 - 16 8 PR TT - RIB	204	798	370	5.50 F	5.00F/5K/6.00F	705	745	785	815	830	855	870				30
	7.50 - 16 10 PR TT - RIB	204	798	370	5.50 F	5.00F/5K/6.00F	705	745	785	815	830	855	870	900	960	985	30
18	**7.50 - 18 8** PR TL - RIB	212	866	396	5.50 F	-	760	810	855	880	895	930	945				30
19	**6.00 - 19 6** PR TT - RIB	162	812	380	4.50E	4.00E/5.00 F	545	580	615	640							30
20	**6.50 - 20 6** PR TT - RIB	176	850		5.00 F	4.00E/5.50 F	645	685	725								30
	7.50 - 20 6 PR TT - RIB	198	906	425	5.50 F	5.00 F	825	875									30
							2.5	**3.0**	**3.1**	**3.9**	**4.1**	**4.3**	**4.7**	**5.4**	**6.0**	**8.0**	
21	**4.00 / 4.50 - 21 4** PR TT - RIB	111	764	357	3.00 D		485										30
	5.00 / 5.25 - 21 6 PR TT - RIB	135	812	375	3.50 D			650									30

Note: The tables show loads for 30 km/h maximum speed. For operations at other speeds, the above loads may be changed as shown in the table at the right:

(1) For front end loader service (6 PR and above) with a 25% increase in inflation pressure.
(2) 6 PR and above with a 25% increase in inflation pressure.
(3) Rim/wheel manufacturer should be consulted for approval of rim/wheel strength for load, pressure and speed requirements.

Maximum Speed (km/h)	% change in loads from **30 km/h** load	Changes in Infl. Pressure
10	+ 100% (1)	+ 25%
10	+ 50% (2)	+ 25%
20	+ 35%	None
25	+ 15%	None
30	Same as above table	None
35	- 10%	None
40	- 20%	None

Where W rims are shown, DW rims with equivalent flanges are permitted.

3RIB - Front Steering

		SW	OD	SLR	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre - 30 km/h										Speed (km/h)
							2.5	2.8	3.1	3.3	3.4	3.6	3.7				
16	**6.00 - 16 6** PR TT - 3 RIB	165	735	330	4.50 E	4.00E/5K/5.00F	480	505	540	560							30
	7.50 - 16 8 PR TT - 3RIB	205	8056	363	5.50 F	5.00F/5K/6.00F	705	745	785	815	830	855	870				30
	10.00 - 16 10 PR TL - 3RIB	274	895	401	W8	W8L	1110	1190	1260	1300	1325						30
	11.00 - 16 8 PR TL - 3RIB	315	965	434	W10L	W8/W8L	1320										30
18	**7.50 - 18 8** PR TT - 3RIB	205	860	389	5.50 F	-	760	810	855	880	895	930	945				30

4RIB - Front Steering

		SW	OD	SLR	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre - 30 km/h										Speed (km/h)
							2.5	2.8	3.1	3.3	3.4	3.6	3.7	3.9			
16	**9.00 - 16 10** PR TL - 4RIB	254	855	387	W8	W7/W8L/W6.00F	950	1010	1080	1140	1155	1185	1205	1245			30
18	**12.5 / 80 - 18 12** PR TL - 4RIB	308	965	436	W9	11	1410	1500	1600	1670	1695	1750					30

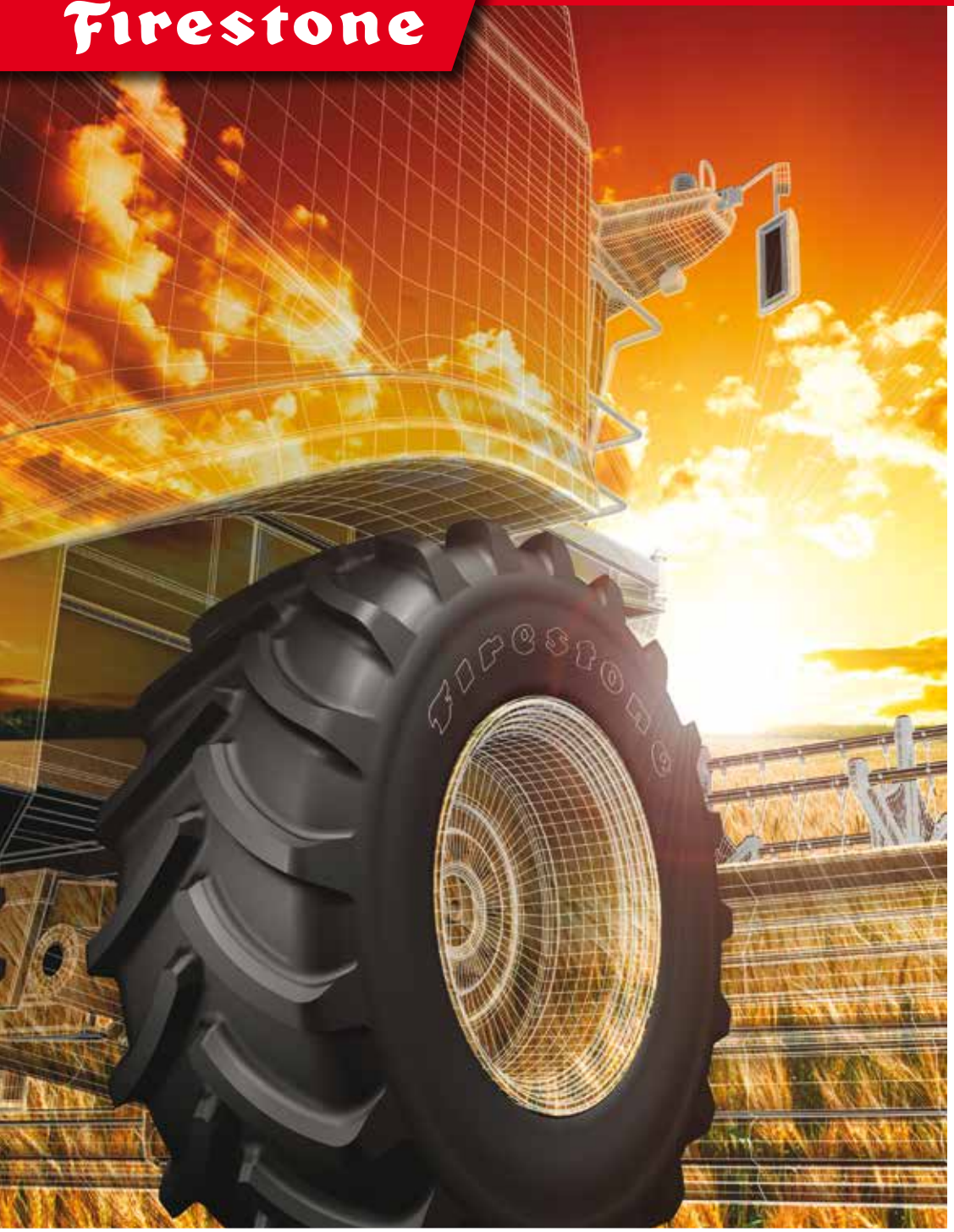
Note: The tables show loads for 30 km/h maximum speed. For operations at other speeds, the above loads may be changed as shown in the table at the right:

(1) For front end loader service (6 PR and above) with a 25% increase in inflation pressure.
(2) 6 PR and above with a 25% increase in inflation pressure.
(3) Rim/wheel manufacturer should be consulted for approval of rim/wheel strength for load, pressure and speed requirements.

Maximum Speed (km/h)	% change in loads from **30 km/h** load	Changes in Infl. Pressure
10	+ 100% (1)	+ 25%
10	+ 50% (2)	+ 25%
20	+ 35%	None
25	+ 15%	None
30	Same as above table	None
35	- 10%	None
40	- 20%	None

Where W rims are shown, DW rims with equivalent flanges are permitted.

Firestone



BIAS AGRICULTURAL

COMBINE – HARVESTER

AT F&R

- Power axle tyre for good performance in the field and on the road.
- 23° lug design for excellent traction.
- Nylon cord body for durability and long life.

Customer Benefits

NOTES

ALL TRACTION FIELD & ROAD (AT F&R)

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre - 30 km/h										Speed (km/h)
								1.1	1.4	1.6	1.7	1.8	2.0	2.1	2.2	2.3	2.9	
30	**23.1 - 30** 14 PR TT - AT F&R (2)	595	1694	757	5027	DW20A	-	3035	3460	3670	3780	3940	4250					**30**
32	**24.5 - 32** 20 PR TT - AT F&R (2)	627	1798	803	5332	DW21A	DW20A	3465	3950	4255	4390	4600	4905	5000	5150	5275	6000	**30**

(2) F202

Note: The tables show loads for 30 km/h maximum speed.
For operations at other speeds, the above loads may be changed as shown in the tabe at the right:

(1) For cyclic operations only, such as combine harvester service, the basic tyre load may be increased by as much as 70%.
Basic inflation pressure must be increased by 25-30%. Vehicle must be unloaded before transport outside of field.

(2) For field (sustained torque) applications the 30 km/h load ratings should not be exceeded by the tractor weight at static conditions.

(3) For tyres used on irrigation equipment that moves at creep speeds (less than 60 m in 30 minutes) the basic tyre loads may be increased by as much as 60% with a 0.3 bar increase in basic inflation pressure.

(4) Rim/wheel manufacturer should be consulted for approval of rim/wheel strength for load, pressure and speed requirements.

Maximum Speed (km/h)	% change in loads from **30 km/h** load	Changes in Infl. Pressure
10	+ 40%	+ 0.3 bar
20	+ 20%	None
25	+ 7%	None
30	Same as above table	None
35	- 10%	None
40	- 20%	None

Where W rims are shown, DW rims with equivalent flanges are permitted.

Firestone

BIAS AGRICULTURAL

FREE ROLLING

FARM

- A versatile tyre for free-rolling wheels on all kind of farm equipment.
- Heavy 5 rib tread for low rolling resistance guards.
- Though construction.
- Weather resistant rubber.
- Long tyre life.

Customer Benefits

NOTES

FARM (FARM-IMPLEMENT)

		SW	OD	SLR	Approved rim	Permissible rims		Max. Load per Tyre - Pressure per Tyre - 30 km/h												Speed (km/h)
								3.9	4.1	4.3										
15.3	**10.0 - 15.3 (2) 10** PR TT - FARM	258	784	360	9.00			1525												30
	11.5 - 15.3 (3) 12 PR TT - FARM	295	860	384	9.00				2145											30
16	**10.5 - 16 14** PR TT - FARM	280	955	434	W 9					2600										30
18	**13.0 / 65 - 18 14** PR TT - FARM	335	875	404	11					2555										30

Maximum Speed (km/h)	% change in loads from **30 km/h** load	Changes in Infl. Pressure
10	+ 100% (1)	+ 25%
10	+ 50% (2)	+ 25%
20	+ 35%	None
25	+ 15%	None
30	Same as above table	None
35	- 10%	None
40	- 20%	None

(1) The table shows loads for 30 km/h maximum speed except for 700/50-22.5 Flotation Implement (50 km/h).
(2) Equivalent to 10.0/75 - 15.3
(3) Equivalent to 11.5/80 - 15.3

Where W rims are shown, DW rims with equivalent flanges are permitted.

Firestone

BIAS INDUSTRIAL

BACKHOE-LOADER / TELEHANDLER

S8000 UTILITY
- For agricultural and industrial use.
- Excellent lateral stability and safety.
- Cut & puncture resistant.
- Reliable grip on hard surfaces.

Customer Benefits

STL
- For back-hoes, telescopic-handlers and loaders.
- Excellent stability and handling.
- Strong traction and good grip.
- Long-life tyre.
- Efficient and economical tyre.

Customer Benefits

ATU
- Designed for industrial and light construction equipment.
- Reinforced sidewalls for greater cut resistance.
- Rugged construction.

Customer Benefits

NOTES

S8000 UTILITY

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre											Speed (km/h)
								1.5	1.75	2.0	2.25	2.5	2.75	3.0	3.3	3.5	3.75	4.0	
24	**400/80-24** IND (15.5/80-24) 156A8 TL S8000 UTILITY	404	1275	572	3837	W13	13	3740	4105	4505	4890	5265	5630	6035	6435	6830	7215	7600	**0**
								2950	3240	3555	3860	4155	4445	4765	5080	5390	5695	6000	**10***
								2460	2700	2960	3215	3465	3700	3970	4230	4490	4745	5000	**10**
								2045	2245	2465	2675	2880	3080	3305	3520	3735	3950	4160	**30**
								1965	2160	2370	2575	2770	2960	3175	3385	3595	3795	4000	**40**
								1790	1965	2155	2345	2520	2695	2890	3080	3270	3455	3640	**50**

(*) Cyclic Application (One way distance of 600 metres)

Where W rims are shown, DW rims with equivalent flanges are permitted.

SUPER TRACTION LOADER (STL)

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre											Speed (km/h)
								1.5	1.75	2.0	2.25	2.5	2.75	3.0	3.3	3.5	3.75	4.0	
18	**280/80-18** (10.5-18) IND STL 132A8	278	912	412	2712	W9	9 X8	2265	2485	2705	2935	3160	3410	3655	3900	4135	4370	4600	**0**
								1480	1620	1765	1915	2060	2225	2385	2545	2700	2850	3000	**10***
								1230	1350	1470	1595	1720	1855	1990	2120	2250	2375	2500	**10**
								1025	1125	1225	1330	1430	1540	1655	1765	1870	1975	2080	**30**
								985	1085	1180	1280	1375	1485	1590	1695	1800	1900	2000	**40**
								895	980	1070	1160	1250	1350	1450	1545	1640	1730	1820	**50**
	340/80-18 (12.5-18) IND STL 143A8	328	984	444	2924	11	W11 W10	3085	3385	3685	4000	4310	4650	4985	5310	5635	5955	6270	**0**
								2015	2205	2405	2610	2810	3030	3250	3465	3675	3885	4090	**10***
								1675	1840	2000	2175	2340	2525	2710	2885	3065	3235	3410	**10**
								1395	1530	1665	1810	1945	2100	2255	2400	2550	2695	2835	**30**
								1340	1470	1600	1740	1870	2020	2165	2310	2450	2590	2725	**40**
								1220	1340	1460	1585	1705	1840	1970	2100	2230	2355	2480	**50**
20	**280/80-20** (10.5-20) IND STL 133A8	268	986	446	2935	W9	9 W8	2330	2555	2785	3025	3255	3515	3765	4015	4260	4500	4740	**0**
								1520	1670	1815	1975	2125	2295	2460	2620	2780	2935	3090	**10***
								1265	1390	1515	1645	1770	1910	2045	2180	2315	2445	2575	**10**
								1055	1160	1260	1370	1475	1590	1705	1815	1925	2035	2145	**30**
								1015	1115	1210	1315	1415	1530	1640	1745	1855	1960	2060	**40**
								925	1015	1105	1200	1290	1390	1490	1590	1685	1780	1875	**50**
	340/80-20 (12.5-20) IND STL 144A8	325	1016	459	3029	11	W11 W10	3170	3475	3785	4110	4425	4775	5120	5455	5790	6120	6440	**0**
								2065	2265	2470	2680	2885	3115	3340	3560	3775	3990	4200	**10***
								1725	1890	2060	2235	2405	2595	2780	2965	3145	3325	3500	**10**
								1435	1570	1710	1860	2000	2160	2315	2470	2620	2770	2915	**30**
								1380	1515	1650	1790	1925	2080	2225	2375	2520	2660	2800	**40**
								1255	1375	1500	1625	1750	1890	2025	2160	2290	2420	2550	**50**
								1.2	**1.4**	**1.6**	**1.8**	**2.0**	**2.2**	**2.4**	**2.6**	**2.8**	**3.0**	**3.2**	
	400/70-20 (16.0/70-20) IND STL 144A8	381	1075	486	3198	13	14	3325	3650	3950	4240	4540	4855	5160	5455	5790	6120	6440	**0**
								2170	2380	2580	2770	2965	3165	3365	3560	3775	3990	4200	**10***
								1805	1980	2150	2305	2470	2640	2805	2965	3150	3325	3500	**10**
								1505	1650	1790	1920	2055	2195	2335	2470	2620	2765	2915	**30**
								1445	1585	1720	1845	1975	2110	2245	2375	2520	2660	2800	**40**
								1320	1445	1565	1680	1800	1920	2045	2160	2290	2420	2550	**50**

(*) Cyclic Application (One way distance of 600 metres)

Where W rims are shown, DW rims with equivalent flanges are permitted.

SUPER TRACTION LOADER (STL)

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre											Speed (km/h)
								1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	
26	**480/80-26** (18.4-26) IND STL 160A8	496	1425	643	4239	W16L	W15L	5345	5860	6350	6815	7295	7800	8290	8765	9305	9830	10350	**0**
								3485	3825	4145	4445	4760	5090	5405	5720	6070	6410	6750	**10***
								2905	3185	3450	3705	3965	4240	4505	4765	5055	5345	5625	**10**
								2415	2650	2870	3080	3300	3530	3750	3965	4205	4445	4680	**30**
								2325	2550	2760	2965	3175	3395	3605	3815	4045	4275	4500	**40**
								2115	2320	2515	2695	2890	3085	3280	3470	3680	3890	4095	**50**
28	**440/80-28** (16.9-28) IND STL 156A8	459	1420	641	4221	W15L	W14L	4725	5185	5615	6025	6485	6935	7370	7795	8270	8740	9200	**0**
								3080	3380	3660	3930	4230	4520	4805	5085	5395	5700	6000	**10***
								2570	2815	3050	3275	3525	3770	4005	4235	4495	4750	5000	**10**
								2140	2345	2540	2725	2935	3135	3335	3525	3740	3955	4160	**30**
								2055	2255	2445	2620	2820	3015	3205	3390	3595	3800	4000	**40**
								1870	2055	2225	2385	2570	2745	2915	3085	3275	3460	3640	**50**

(*) Cyclic Application (One way distance of 600 metres)

Where W rims are shown, DW rims with equivalent flanges are permitted.

ALL TRACTION UTILITY (ATU)

		SW	OD	SLR	RC	Approved rim	Permissible rims	Max. Load per Tyre - Pressure per Tyre - 30 km/h										Speed (km/h)
								2.8	3.0	3.1	3.5	3.6	3.75					
18	**10.5 / 80 - 18** 10 PR TL-ATU HC***	276	920	421	2735	9.00	9						4820					**0**
													3145					**10***
							W9						2095					**40**
													1905					**50**
	12.0/12.5 - 18 12 PR TL-ATU	289	953	431	2815	9	11				5535							**0**
											3610							**10***
											2405							**40**
											2185							**50**
20	**12.5 - 20 10** PR TL-ATU	323	1016	465	3020	11	12		5385									**0**
									3510									**10***
									2340									**40**
									2125									**50**
24	**12.4 - 24 12** PR TT-ATU	307	1138	536	3445	W11	W9					5360						**0**
												3495						**10***
							W10					2330						**40**
																		50
28	**16.9 - 28 10** PR TT-ATU HC***	430	1428	643	4205	W15L	W14L	7120										**0**
								4645										**10***
								3095										**40**
	16.9 - 28 14 PR TT-ATU HC***	430	1428	643	4205	W15L	W14L				8350							**0**
											5440							**10***
											3625							**40**

(*) Cyclic Application (One way distance of 600 metres)
(***) Sizes are Haul Champion

Where W rims are shown, DW rims with equivalent flanges are permitted.

RADIAL AGRICULTURAL
TRACTOR

PATTERN	RIM	SIZE	LOAD/SPEED INDEX
R9000	34	290/95 R34	131A8
		320/85 R34	133A8 133B
	38	320/85 R38	143A8 143B
	42	320/90 R42	139A8 139B
		900/50 R42	168A8 168B
	46	320/90 R46	148A8 148B
		380/90 R46	152A8 152B
	48	230/95 R48	134A8 134B
	50	320/90 R50	148A8 148B
		380/90 R50	151A8 151B
	54	380/90 R54	152A8 152B
RADCSG	28	16.9 R28	136A8
	30	16.9 R30	141A8
	38	18.4 R38	146A8
		20.8 R38	153A8
	42	520/85 R42	157A8
RAT23	34	23.1 R34	
	38	480/80 R38	149A8
		520/85 R38	155A8
	42	480/80 R42	154A8 154B
	46	14.9 R46	145A8 145B
		480/80 R46	158A8
RATFWD	26	14.9 R26	132A8 132B
		18.4 R26	140A8 140B
		420/85 R26	138A8 138B
	28	420/85 R28	139A8
	30	380/85 R30	135A8 135B
	34	380/85 R34	137A8 137B
RDT23	42	520/85 R42	157A8
		IF850/75 R42	186A8 186B
	46	520/85 R46	158A8 158B
	50	480/80 R50	159A8
		IF480/95 R50	165B
RATDT	28	600/70 R28	152A8 152B
	30	480/70 R30	152A8 152B
		480/80 R30	145A8
		800/65 R32	172A8 172B
	34	420/85 R34	147A8
		710/75 R34	168A8 168B
	38	380/80 R38	142A8 142B
		460/85 R38 (18.4 R38)	149A8 146B
		520/85 R38 (20.8 R38)	155A8 152B

Technical details can be found on
www.firestoneag.com
Contact your local salesman if you are interested to obtain these tyres.

RADIAL AGRICULTURAL
COMBINE - HARVESTER

PATTERN	RIM	SIZE	LOAD/SPEED INDEX
RATDT	28	600/70 R28	152A8 152B
	30	480/70 R30	152A8 152B
		480/80 R30	145A8
		800/65 R32	172A8 172B
	34	420/85 R34	147A8
		710/75 R34	168A8 168B
	38	380/80 R38	142A8 142B
		460/85 R38 (18.4 R38)	149A8 146B
		520/85 R38 (20.8 R38)	155A8 152B

RADIAL AGRICULTURAL
ROW CROP

PATTERN	RIM	SIZE	LOAD/SPEED INDEX
RATDT	54	320/90 R54	149A8 149B
RADCSG	46	320/90 R46	148A8
R9000	34	290/95 R34	131A8
		320/85 R34	133A8 133B
	38	320/85 R38	143A8 143B
	42	320/90 R42	139A8 139B
	46	320/90 R46	148A8 148B
		380/90 R46	152A8 152B
	48	230/95 R48	134A8 134B
	50	320/90 R50	148A8 148B
		380/90 R50	151A8 151B
	54	380/90 R54	152A8 152B
R9100	50	380/105 R50	168A8 168B

BIAS AGRICULTURAL
TRACTOR

PATTERN	RIM	SIZE	LOAD/SPEED INDEX
SAT	26	14.9 -26	10
SATHD	38	520/85-38	173A8
TURF	15	31X13.50 -15	8
CHSPADE	26	23.1 -26	10
	32	24.5 -32	10
FLT23	15	31X15.50 -15	8
FLT23DT	20	48X25.00 -20	10
	25	66X43.00 -25	10
			16
	32	68X50.00 32	24
		73X44.00 -32	16
FL23DTL	25	54X37.00 -25	12
			20

BIAS AGRICULTURAL
FLOTATION

PATTERN	RIM	SIZE	LOAD/SPEED INDEX
FL23DTL	25	54X37.00 -25	12
FLT23	15	31X15.50 -15	8
FLT23DT	20	48X25.00 -20	10
	25	66X43.00 -25	10
			16
	32	68X50.00 32	24
		73X44.00 -32	16

BIAS AGRICULTURAL
COMBINE - HARVESTER

PATTERN	RIM	SIZE	LOAD/SPEED INDEX
SATHD	38	520/85-38	173A8

BIAS AGRICULTURAL
FREE ROLLING

PATTERN	RIM	SIZE	LOAD/SPEED INDEX
ANS	16.1	13.5 -16.1	10
	24	16.9 -24	6
	26	18.4 -26	6
		23.1 -26	12
		28L -26	12
			16
	32	24.5 -32	12
RIBIMP	24	9 -24	8
INDSP	16	11L -16	12
PWRIMP	16.1	21.5L -16.1	14
CGUID4R	15	9.5 -15	8
	16	11 -16	8
			12
CH3RHD	20	7.5 -20	6
CHGG3R	15	11L -15	8
FARM	15	11L -15	8
	16.1	16.5L -16,1	10
		21.5L -16,1	14

BIAS INDUSTRIAL
BACKHOE-LOADER/TELEHANDLER / SKID-STEER

PATTERN	RIM	SIZE	LOAD/SPEED INDEX
DURAFHD	16.5	265/70 -16.5	8
		305/70 -6.5	10
DURAFND	19.5	385/65 -19.5	12
		445/65 -19.5	16
DURAFDT	15	215/70 -15	8
		390/60 -15	8
	16.5	265/70 -16.5	8
		305/70 -16.5	10
		395/55 -16.5	12
ATU	24	14.9 -24	12
		16.9 -24	12
		17.5L -24	10
		19.5L -24	12
		21L -24	12
	28	18.4 -28	12
STL	15	27X8.50 -15	6
STDUP	19.5	15 -19.5	12

BIAS FORESTRY

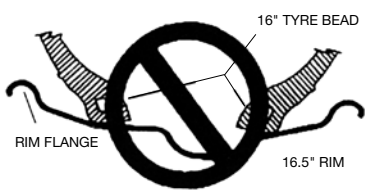
PATTERN	RIM	SIZE	LOAD/SPEED INDEX
FORESTRY	26	18.4 -26	10
		23.1 -26	10
			14
		28L -26	14
			16
	30	16.9 -30	10
	32	24.5 -32	16
		30.5L -32	26
		35.5L -32	24
	34	18.4 -34	10
		700/55 -34	14

BIAS TRACTOR PULLING

PATTERN	RIM	SIZE	LOAD/SPEED INDEX
PULLER2000	32	24.5 - 32	10
		30.5L - 32	HP

Warning & Safety Precautions

The following diagram shows how beads of a 16" tyre will not seat on a 16.5" rim. The beads cannot be forced out against the rims flanges by using more air pressure because this will break the beads and the tyre will explode with force sufficient to cause serious injury or death.



To obtain optimum tyre performance, use rims with approved contours. Do not use a rim wider or narrower than recommended. The use of non-approved rim contour may adversely affect tyre life and performance.

Radial tyres may use the same rim contour as the bias tyres they replace. Howerer, it is necessary to check with the rim manufacturer to assure that the rim on the vehicle are appropriate for use with radial tyres.

Rim dimensions are standardized by the ETRTO Inc. for size and contour only, and particular tyre and rim combinations are designated to assure proper mounting and fit of the tyre to the rim. The load and cold inflation pressure imposed on the rim and wheel must not exceed the rim and wheels manufacturer's recommendations even though the tyre may be approved for a higher load or inflation. Rims and wheels may be identified (stamped) with a maximum cold inflation rating. For rims and wheels not so identified or for service conditions exceeding the rated capacities, consult the rim and wheel manufacturers to determine rim and wheel capacities for the intended service.

TYRE DEMOUNTING AND MOUNTING SAFETY PRECAUTIONS

- Tyre changing can be dangerous, and should be done by trained personnel using proper tools and procedures. Before servicing tyres, always read and understand any manufacturer's warning contained in the customer's literature or molded into the tyre sidewall.
- Failure to comply with these procedures may result in faulty positionning of the tyre and/or rim parts and cause the assembly to burst with explosive force, sufficient to cause serious physical injury or death. Never mount or use damaged tyres or rims.
- Reinflation of any type of tyre/rim assembly that has been operated in a run-flat or underinflated condition (80% or less of recommended pressure), can result in serious injury or death. The tyre may be damaged on the inside and can explode while you are adding air. The rim parts may be worn, damaged or disloged and can explosively separate.
- NEVER rework, weld, heat, or braze the tyre/wheel/rim. Heating the rim of a tyre/wheel/rim assembly can cause a tyre to explode, causing serious injury or death.
- NEVER hammer, strike or pry on any type of tyre/rim assembly while the tyre contains inflation pressure. Do not attempt to seat any part while the tyre contains any inflation pressure. This could result in serious injury or death.

Stay out of the trajectory asdicated by shaded area.

Note: Under some circumstances, the trajectory may deviate from its expected path.
Always use a safety cage or other restraining device in compliance with OSHA regulations.

GENERAL SAFETY PRECAUTIONS

1. NEVER reinflate a tyre that has been operated in a run-flat or underinflated condition (80% or less of recommended pressure). Demount and inspect all tyres and rim parts before reinflating.

2. ALWAYS use specialized tools as recommended by tyre suppliers for mounting and demounting of tyres.

3. BEFORE loosening any nuts or clamps that attach a multipiece rim assembly to a vehicle, always completely deflate the tyre (both tyres of a dual assembly) by taking out the valve core(s). Never attempt to demount a tyre from a rim unless you are sure that the tyre is completely deflated. Failure to follow this practice can cause the assembly to burst with force sufficient to cause serious injury or death.

4. NEVER use any rim part that is bent, pitted from corrosion, cracked or worn. These are unserviceable parts and must be destroyed so that they cannot be used. Remove rust, dirt or foreign material from rim parts.

5. NEVER use a rim part unless you can positively identify it from the manufacturer's stamped markings. If you cannot identify a part, it must be destroyed.

6. ALWAYS inspect inside of tyre for loose cords, cuts, penetrating objects or other casing damage. Repairable damage must be repaired, before placing tyre back into service. TYRES WITH UNREPAIRABLE DAMAGE SHOULD BE DESTROYED.

7. NEVER substitue an inner tube for a permissible or non-permissible repair.

8. ALWAYS replace a tyre with one having the same rim diameter designation and suffix letters.

9. ALWAYS inspect inside of the tyre and remove dirt, liquids, or other foreign material before mounting.

10. NEVER install tubes that have buckled or creased.

11. ALWAYS use new tubes in new tyres.

12. ALWAYS use radial tubes with tube-type radial tyres.

13. NEVER use a tube in a casing larger or smaller than that for which the tube was designed by the manufacturer.

14. ALWAYS check to be sure tube is clean before installing in tyre.

15. ALWAYS lubricate with only approved tyre mounting lubricant or mild vegetable oil soap solution. Never use anti-freeze, silicones or petroleum-base lubricants. This will damage the tyre.

16. ALWAYS inspect valve cores for proper air retention. Replace damaged or leaky cores. Ensure valve core is correctly tightened.

17. ALWAYS inflate tyre to tyre manufacturer's recommended cold inflation pressure for the tyre's intended service.

18. When inflating a tyre off a vehicle, use a safety cage or other restraining device, and an extension hose with in-line air gauge and clip-on air chuck, which allows the operator to stand clear of the trajectory.

19. For tube-type tyres, inflate to service pressure without the valve core installed and then completely deflate the tyre to prevent wrinkles in the tube. Insert the valve core and reinflate the tyre to recommended service pressure as specified for the tyre and/or rim.

20. ALWAYS use sealing valve caps to prevent loss of air or fluid.

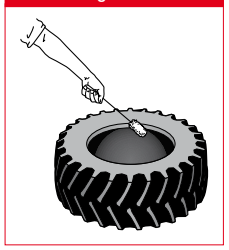
21. ALWAYS check to be sure tyre is centered on rim before inflating.

Warning & Safety Precautions

MOUNTING, INFLATING AND DISCMOUNTING GUIDELINES FOR AGRICULTURAL TYRES

MOUNTING

Figure A

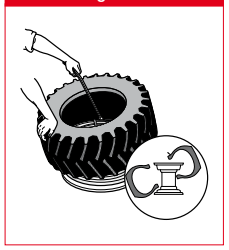


STEP #1: FIGURE A

*Lubricate both beads and rim.

Position tyre so first beads is in wheel well 180 degrees from valve.

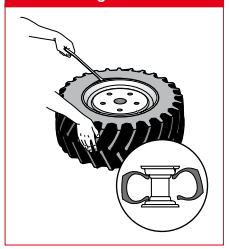
Figure B



STEP #2 : FIGURE B

Using tyre iron or mounting machine, pry the first bead over the rim flange. Start away from the valve. Continue to pry the first bead over the rim flange, working your way toward the valve.

Figure C



STEP #3: FIGURE C

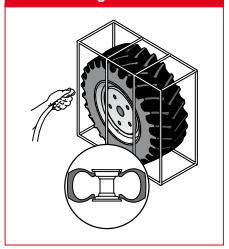
Position tyre so both beads are in wheel well 180 degrees from valve.

Using tyre iron or mounting machine pry the second bead aver the rim flange, working your way toward the valve.

Continue to pry the second bead over the rim flange, working your way toward the valve.

Finish prying the second bead over the rim at the valve.

Figure D



STEP #4: FIGURE D

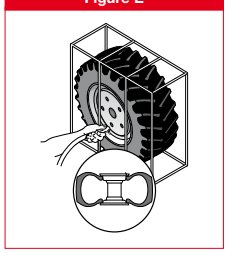
Centre tyre on wheel before inflation.

Apply remote air chuck to the valve.

Insert assembly in a small cage, or other device to protect personnel.

Apply air to the tyre and wheel assembly.

Figure E



STEP #5 : FIGURE E

Inflate tyre to seat the beads.

Do not inflate over 35 psi to seat beads.

If beads do not seat at 35 psi, reposition tyre on wheel and relubricate.

Repeat inflation procedure.

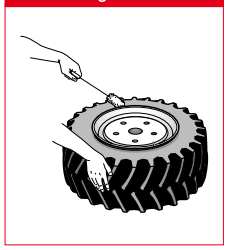
Set to proper inflation pressure.

GENERAL INFORMATION

1. *Tyre mounting and dismounting can be dangerous, use only trained personnel.*
2. *Use a non-metallic hammer to mount and dismount tyre.*
3. *Use proper tools and equipment.*
4. *Be sure all components are clean and dry.*
5. *If a tube is to be used, use only a new tube in a new tyre.*
6. *Lubricate tyre beads, rim bead seat, and innertube with a vegetable based lubricant. Do not use petroleum based or silicon lubricants.*
7. *To prevent rim to tyre slip, the lubricant must dry, therefore dilute the lubricant with water 50 %.*
8. *Mount the tyre with the pry notch 90 degrees from the valve.*
9. *Mount and dismount tyres on the side of the rim closest to the drop center.*
10. *When prying the bead over the rim flange, use small increments.*
11. *If a tube is used, double inflate to allow the tube to reposition itself.*

DISMOUNTING

Figure F



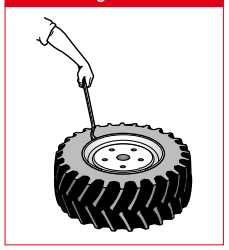
STEP #1: FIGURE F

Deflate the tyre completely.

Keep open flame away from air evacuating the tyre (no smoking, no flames)

Lubricate the pry notch with approved lubricant.

Figure G

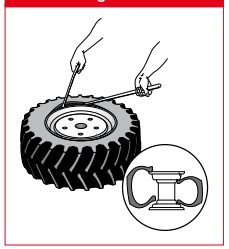


STEP #2: FIGURE G

Push bead off the bead seat off the wheel with a “bead breaker”.

Lubricate both beads and rim flange rearest the wheel well.

Figure H



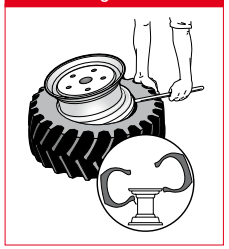
STEP #3 : FIGURE H

Position the beads in the wheel well 180 degrees from the valve.

Position an iron or mounting machine at the valve.

Taking small increments, pry the first bead of the wheel.

Figure I



STEP #4 : FIGURE I

Taking small increments, pry the second bead off the wheel starting at the valve.

Complete dismounting the bead away from valve.

NOTICE:

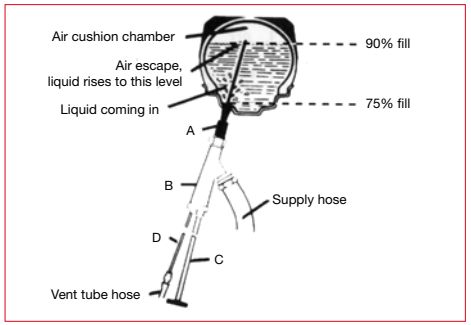
Although great care has been taken in producing this manual, we accept no responsibility for any loss or damage resulting from undetected errors or misprints which may have occurred. Due to constant advance of tyre technology, contents of this data book are subject to change without notice.

Hydro-Inflation

HYDRO-INFLATION PROCEDURE FOR FLUID BALLAST

1. After the beads have been fully seated un the mounting procedure, inflate the tyre to 35 psi. Jack up the wheel and rotate the wheel assembly so that the valve is at top of the rim. Lower the jack until the tyre is slightly deflected.

2. Connect the assembly to fill the tyre with fluid as shown in the illustration below.

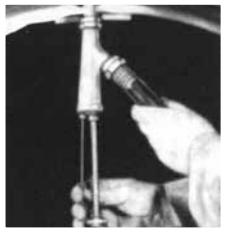


Attach adapter and unit assembly part "A" to valve stem. Do not use pliers. Also attach supply hose part "B". Part "C" is used to remove core housing.

In warm climates where calcium chloride may not be desired, tyres can be filled with water only. A pump is not necessary when only water fill is used. Tyres may be filled directly by using a valve adapter on a hose.

3. After the connection (in step 2) is made, bleed the air pressure down to about 5 psi by moving the control handle (part "C") to the evacuate position. Five psi keeps the beads seated on the rim.

4. When this point is reached, start the pump and move the control handle to the fill position. Use a hydro-inflation pump to fill the tyre with calcium chloride or non-damaging anti-freeze solution (consult tube or tyre manufacturer for recommandations). Check the pressure in the tyre every few minutes with the pump gauge by placing the pump in neutral or check position.
If the pressure exceeds 20 psi, move the handle to the evacuate position until the pressure is bled back to not less than 5 psi. After the pressure is lowered, continue to add fluid. repeat the above steps as often as necessary.
Industry practice is to maintain the fluid level at 75%. (Fluid fill should be maintained at a level sufficient to cover the valve and keep the rim completely sugmerged.) Tyre being filled with hydro-inflation equipment:



5. Replace the core housing in the valve stem by pushing the handle in until the housing is screwed tightly into the valve stem. Then withdraw the handle. Turn the handle to evacuate and pump all liquid from the hose. Next, shut off the pump and unscrew the assembly from the valve.

6. Inflate the tyre to seat the beads, not exceeding 35 psi. With the valve stem still at the top, bleed the excess fill down to one to two psi above the recommanded inflation pressure.

7. Finally, rotate the tyre and wheel assembly so that the valve is at the bottom of the tyre. Set the final operating pressure with the tyre mounted on the tractor and its full weight on the tyre.

TO REMOVE FILL:

1. Jack up the tractor until the tyre is slightly deflected. Rotate the tyre and wheel assembly until the valve is at the bottom.
2. Connect the assembly to the valve stem. Unscrew and retract the core housing (part "C") into injector body with the control handle in the check or neutral position.
Attach the adapter (part "B) to the valve. Remove the core housing and connect the supply hose to the adapter "B".

3. Start the pump and turn the control handle to the evacuate position. The fluid will be rapidly withdrawn from the tyre. Gravity flow may also be used to remove the fluid.

When removing fluid from tubeless tyres, be careful not to unseat beads until most of fluid has been pumped from the tyre. Consult your tyre supplier for information on hydro-inflation equipment such as pumps, compressors, air-water conversion hardware parts, etc. Tyre rotated so valve is at bottom with hydro-inflation fluid being removed.

Front agricultural tractor tyres

	Rim (inches)	Tyre Volume 75% (dm³)	Tyre Volume TOTAL (dm³)	75% valve level fill Solution 0.42 kg (CaCl²) / l (Water) Water (liter)	Ca cl² (kg)	Total (kg)
4.00-12	3	8	11	7	3	10
4.00-15	3	10	13	8	3	11
5.00-15	4	14	19	12	5	17
5.50-16	4	19	26	17	7	24
6.00-16	4.5	23	31	20	8	28
6.50-16	4.5	26	35	23	10	33
7.00-16	5	32	42	27	11	38
7.50-16	5.5	37	49	32	13	45
9.00-16	8	47	63	41	17	58
10.00-16	8	64	86	57	24	81
11.00-16	10	91	121	76	32	108
7.50-18	5.5	42	56	36	15	51
12.5/80-18	9	92	123	77	32	109
4.00-19	3	12	16	10	4	14
6.00-19	4.5	27	36	23	10	33
6.50-20	5	32	42	27	11	38
7.50-20	5.5	43	58	37	16	53
320/70R24	10	95	127	82	34	116
360/70R24	11	122	162	104	44	148
380/70R24	12	146	194	124	52	176
420/70R24	13	185	246	159	67	226
480/70R24	15	246	329	214	89	303
480/65R24	15	208	277	178	75	253
540/65R24	16	269	359	231	97	328
360/70R28	11	135	181	116	49	165
380/70R28	12	163	217	140	59	194
420/70R28	13	205	274	176	54	250
480/70R28	15	275	367	236	99	335
480/65R28	15	235	313	202	85	286
540/65R28	16	299	399	256	108	364
600/65R28	18	405	540	347	146	493
480/70R30	15	290	386	249	104	353
480/70R34	15	307	409	263	110	373
520/70R34	16	361	481	309	130	439
710/75R34	23	875	1166	749	315	1064
480/70R38	15	335	446	287	120	407
520/70R38	16	393	524	337	141	478
540/65R38	16	371	495	318	134	452
580/70R38	18	580	770	466	195	661
600/65R38	18	488	651	419	176	594
650/65R38	20	609	812	522	219	742
710/70R38	23	800	1067	687	289	976

Front agricultural tractor tyres

	Rim (inches)	Tyre Volume 75% (dm³)	Tyre Volume TOTAL (dm³)	75% valve level fill Solution 0.42 kg (CaCl²) / l (Water) Water (liter)	Ca cl² (kg)	Total (kg)
9.5-20	8	57	76	49	21	70
9.5-24	8	65	86	57	24	81
11.2-24	10	91	121	76	32	108
12.4-24	11	113	151	98	41	139
13.6-24	12	144	192	121	51	172
14.9-24	13	178	237	151	63	214
16.9-24	15	231	308	197	83	280
14.9-26	13	188	251	160	67	227
16.9-26	15	246	328	212	89	301
18.4-26	16	299	399	257	108	365
23.1-26	20	485	646	413	173	586
9.5-28	8	72	96	62	26	88
11.2-28	10	102	136	91	38	129
12.4-28	11	133	177	114	48	162
13.6-28	12	163	217	140	59	199
14.9-28	13	201	268	174	73	247
16.9-28	15	261	348	223	94	317
14.9-30	13	216	288	182	76	258
16.9-30	15	276	368	238	100	338
18.4-30	16	337	449	291	122	413
23.1-30	20	542	722	466	195	661
24.5-32	21	644	858	553	232	785
16.9-34	15	308	411	265	111	376
18.4-34	16	362	482	311	131	442
13.6-36	12	205	273	178	75	253
13.6-38	12	216	288	185	78	263
15.5-38	14	250	333	212	89	301
16.9-38	15	341	454	291	122	413
18.4-38	16	386	515	331	139	470
20.8-38	18	530	707	454	190	644
18.4-42	16	435	580	371	156	527
20.8-42	18	560	747	481	202	683
14.9-46	13	303	404	257	108	365
18.4-46	16	488	651	420	176	596
12.4-54	10	220	293	189	79	268

Test Centers

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Technical Centre Europe in Rome - Italy.

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