




TECHNICAL DATA FIRESTONE AGRICULTURAL TYRES

2017









Firestone

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 circumference (mm)	Recommended rim	Permitted rims	Inflation pressure (bar)	Speed (Km/h)

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

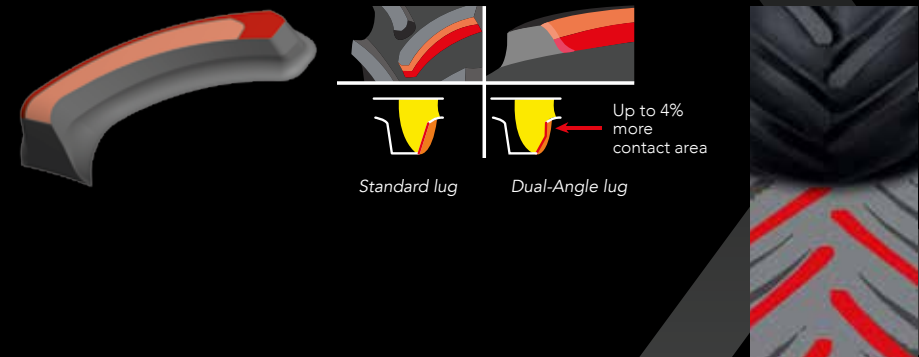


MAXI TRACTION 65
MAXIMUM TRACTION, MAXIMUM LIFE

Longer tyre life thanks to **new lug design**

Excellent traction thanks to **patented Dual Angle Lug Design**

Increased driver comfort thanks to **its longer and overlapping lug***



*Compared with its predecessor.

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Bias-Agricultural



Tractor

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Bias-Industrial



Backhoe-Loader/Telehandler

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ALL AGRICULTURAL TYRES BY SIZE

Rim	Width	Aspect Ratio	Construction	Rim	Speed-Load Index / PR	Extra Load	Tube Type/Tubeless	Tyre Pattern	Page
8	4.00		-	8	2		TT	RANCHER	104
10	5.0		-	10	2		TT	RANCHER	104
12	4.00		-	12	4		TT	RIB	108
	4.00/5		-	12	2		TT	RANCHER	104
	5.00		-	12	6		TT	RANCHER	104
	7.00		-	12	6		TT	RANCHER	104
	8.50		-	12	6		TT	RIB	108
	11.0/65		-	12	6		TT	RANCHER	104
15	4.00		-	15	4		TT	RIB	108
	5.00		-	15	2		TT	RANCHER	104
	5.00		-	15	6		TT	RIB	108
	7,60		-	15	8		TT	FARM	131
	7,60		-	15	6		TT	DUORIB	131
	8.0/75		-	15	6		TT	RANCHER	104
	9.5		-	15	8		TL	CGUID4R	131
	9.5L		-	15	12		TL	FARM	131
	11L		-	15	8		TL	CHGG3R	131
	11L		-	15	8		TL	CHGG4R	131
	11L		-	15	8		TT	FARM	131
	11L		-	15	12		TT	FARM	131
	11L		-	15	F		TL	HWAY SP	131
	12.5L		-	15	18		TL	FARM	131
	12.5L		-	15	F		TL	HWAY SP	131
	215	/	70	-	15	8	TL	DURAFORCE DT	131
	27X8.50		-	15	6		TL	STL	131
	27X9.50		-	15	8		TL	IMPLEMT	131
	31X13.50		-	15	8		TL	TURF	130
	31X13.50		-	15	12		TL	RIBIMP	131
	31X15.50		-	15	8		TL	FLT23	130
	390	/	60	-	15	8	TL	DURAFORCE DT	131
15.3	10		-	15.3	10		TT	FARM	118
	10.0/75		-	15.3	8		TT	RANCHER	104
	11.5		-	15.3	12		TT	FARM	118
	11.5/80		-	15.3	12		TT	RANCHER	104
	27X10		-	15.3	8		TT	RANCHER	104
16	5.50		-	16	6		TT	RIB	108
	6.00		-	16	6		TT	3 RIB	110
	6.00		-	16	6		TT	RIB	108
	6.50		-	16	6		TT	RIB	108
	6.50		-	16	8		TT	RANCHER	104
	7.00		-	16	8		TT	RIB	108
	7.50		-	16	8		TT	3 RIB	110

ALL AGRICULTURAL TYRES BY SIZE

Rim	Width	/	Aspect Ratio	Con-struction	Rim	Speed-Load Index / PR	Extra Load	Tube Type/ Tubeless	Tyre Pattern	Page
	7.50			-	16	8		TT	RIB	108
	7.50			-	16	10		TT	RIB	108
	7.50			R	16	102A8/99B		TL	R4000	70
	9.00			-	16	10		TL	4 RIB	110
	10.00			-	16	10		TL	3 RIB	110
	10.50			-	16	14		TT	FARM	131
	11.00			-	16	8		TL	3 RIB	110
	11.00			-	16	8		TL	CGUID4R	131
	11.00			-	16	12		TL	CGUID4R	131
	11L			-	16	12		TL	INDSP	131
	280	/	70	R	16	112A8/109B		TL	R4000	70
16.1	13.50			-	16.1	10		TL	ANS	131
	14L				16.1	12		TL	4RIB	110
	16.5L			-	16.1	10		TL	FARM	131
	16.5L			-	16.1	10		TL	NPWRIMP	131
	21.5L			-	16.1	14		TL	FARM	118
	21.5L			-	16.1	14		TL	PWRIMP	131
16.5	265	/	70	-	16.5	8		TL	DURAFORCE DT	131
	265	/	70	-	16.5	8		TL	DURAFORCE HD	131
	305	/	70	-	16.5	10		TL	DURAFORCE DT	131
	305	/	70	D	16.5	10		TL	DURAFORCE HD	131
	395	/	55	-	16.5	12		TL	DURAFORCE DT	131
17.5	355	/	70		17.5	14		TL	DURAF ND	131
18	7.50			-	18	6		TT	RANCHER	104
	7.50			-	18	8		TL	RIB	108
	7.50			-	18	8		TT	3 RIB	110
	7.50			R	18	104A8/101B		TL	R4000	70
	10.5/80			-	18	10		TL	ATU	128
	12.0/12.5			-	18	12		TL	ATU	128
	12.5/80			-	18	12		TL	4 RIB	110
	12.5/80			-	18	12		TL	STL	131
	13.0/65			-	18	14		TT	FARM	118
	280	/	70	R	18	114A8/111B		TL	R4000	70
	280	/	80	-	18	132A8		TL	STL	124
	340	/	80	-	18	143A8		TL	STL	124
	340	/	80	R	18	136A8		TL	R8000 UTILITY	94
	340	/	80	R	18	143A8		TL	DURAFORCE UTILITY	90
	405	/	70	R	18	141B		TL	DURAFORCE UTILITY	90
19	4.50			-	19	2		TT	RANCHER	104
	6.00			-	19	6		TT	RIB	108
19.5	15			-	19.5	12		TL	STDUP	131
	385	/	65	-	19.5	12		TL	DURAFORCE ND	131

ALL AGRICULTURAL TYRES BY SIZE

Rim	Width	/	Aspect Ratio	Con-struction	Rim	Speed-Load Index / PR	Extra Load	Tube Type/ Tubeless	Tyre Pattern	Page
20	445	/	65	-	19.5	16		TL	DURAFORCE ND	131
	6.50			-	20	6		TT	RIB	108
	7.50			-	20	6		TT	CH3RHD	131
	7.50			-	20	6		TT	RIB	108
	9.5			-	20	6		TT	ATC	102
	12.5			-	20	10		TL	ATU	128
	280	/	70	R	20	116A8/113B		TL	R4000	70
	280	/	80	-	20	133A8		TL	STL	124
	280	/	85	R	20	112D/109E		TL	PERFORMER 85	50
	300	/	70	R	20	120A8/117B		TL	R4000	70
	320	/	70	R	20	123A8/120B		TL	R4000	70
	320	/	70	R	20	130A8/130B	Extra Load	TL	R4000	72
	320	/	70	R	20	119D/116E		TL	PERFORMER 85	50
	335	/	80	R	20	136B		TL	DURAFORCE UTILITY	90
	340	/	80	-	20	144A8		TL	STL	124
	360	/	70	R	20	129A8/126B		TL	R4000	72
	365	/	80	R	20	141B		TL	DURAFORCE UTILITY	90
	400	/	70	R	20	149A8		TL	DURAFORCE UTILITY	90
	400	/	70	R	20	149A8		TL	R8000 UTILITY	94
	48X25.00			-	20	10		TL	FLT23DT	130
21	4.00/4.50			-	21	4		TT	RIB	108
	5.00/5.25			-	21	6		TT	RIB	108
24	9.00			-	24	8		TT	RIBIMP	131
	9.5			-	24	6		TT	ATC	102
	11.2			-	24	8		TT	ATC	102
	12.4			-	24	8		TT	ATC	102
	12.4			-	24	12		TT	ATU	124
	14.9			-	24	8		TT	ATC	103
	14.9			-	24	12		TL	ATU	131
	14.9			-	24	8		TL	SATII 23	130
	16.9			-	24	6		TL	ANS	131
	16.9			-	24	12		TL	ATU	131
	17.5L			-	24	10		TL	ATU	131
	19.5L			-	24	12		TL	ATU	131
	21L			-	24	16		TL	ATU	131
	21L			-	24	18		TL	ATU	131
	250	/	85	R	24	109A8/106B		TL	R1085	66
	250	/	85	R	24	109D/106E		TL	PERFORMER 85	50
	280	/	85	R	24	115A8/112B		TL	R1085	66
	280	/	85	R	24	115D/112E		TL	PERFORMER 85	50
	280	/	85	R	24	130A8/130B	Extra Load	TL	PERFORMER 85	50
	320	/	70	R	24	116A8/116B		TL	R1070	62
	320	/	70	R	24	116D/113E		TL	PERFORMER 70	42
	320	/	85	R	24	122A8/119B		TL	R1085	66
	320	/	85	R	24	122D/119E		TL	PERFORMER 85	50
	340	/	85	R	24	125A8/122B		TL	R1085	66

ALL AGRICULTURAL TYRES BY SIZE

Rim	Width	/	Aspect Ratio	Con-struction	Rim	Speed-Load Index / PR	Extra Load	Tube Type/ Tubeless	Tyre Pattern	Page
	340	/	85	R	24	125D/122E		TL	PERFORMER 85	52
	340	/	85	R	24	136A8/136B	Extra Load	TL	PERFORMER 85	52
	360	/	70	R	24	122A8/122B		TL	R1070	62
	360	/	70	R	24	122D/119E		TL	PERFORMER 70	42
	380	/	70	R	24	125D/122E		TL	PERFORMER 70	42
	380	/	85	R	24	131A8/128B		TL	R1085	66
	380	/	85	R	24	131D/128E		TL	PERFORMER 85	52
	400	/	70	R	24	158A8		TL	R8000 UTILITY	94
	400	/	80	-	24	156A8		TL	S8000 UTILITY	122
	400	/	80	R	24	156A8		TL	R8000 UTILITY	94
	420	/	70	R	24	130A8/130B		TL	R1070	62
	420	/	70	R	24	130D/127E		TL	PERFORMER 70	42
	420	/	70	R	24	136A8/136B	Extra Load	TL	PERFORMER 70	42
	420	/	85	R	24	137A8/134B		TL	R1085	66
	420	/	85	R	24	137D/134E		TL	PERFORMER 85	52
	420	/	85	R	24	142A8/142B	Extra Load	TL	PERFORMER 85	52
	440	/	65	R	24	128D/125E		TL	MAXI TRACTION 65	30
	440	/	65	R	24	128D/125E		TL	PERFORMER 65	36
	460	/	70	R	24	152A8		TL	R8000 UTILITY	94
	460	/	70	R	24	159A8		TL	DURAFORCE UTILITY	90
	480	/	65	R	24	133D/130E		TL	MAXI TRACTION 65	30
	480	/	65	R	24	133D/130E		TL	PERFORMER 65	36
	480	/	70	R	24	138A8/138B		TL	R1070	62
	480	/	70	R	24	138D/135E		TL	PERFORMER 70	42
	500	/	70	R	24	157A8/157B		TL	DURAFORCE UTILITY	92
	540	/	65	R	24	140D/137E		TL	MAXI TRACTION 65	30
	540	/	65	R	24	140D/137E		TL	PERFORMER 65	36

25

	54X37.00			-	25	12		TL	FL23DTL	130
	54X37.00			-	25	20		TL	FL23DTL	130
	66X43.00			-	25	10		TL	FLT23DT	130
	66X43.00			-	25	16		TL	FLT23DT	130
	66X43.00			-	25	20		TL	FLT23	130

26

	14.9			-	26	10		TL	SAT	130
	14.9			R	26	132A8/132B		TL	RATFWD	130
	18.4			-	26	6		TL	ANS	131
	18.4			-	26	10		TT	FOREST	131
	18.4			-	26	10		TT	SATFWD	130
	18.4			R	26	140A8/140B		TL	RATFWD	130
	23.1			-	26	152 A8/152B		TL	CHSPADE	130
	23.1			-	26	10		TT	FOREST	131
	23.1			-	26	12		TL	ANS	131
	23.1			-	26	14		TT	ATC	102
	23.1			-	26	14		TT	FOREST	131
	23.1			R	26	166B		TL	RAT23	130
	28L			-	26	12		TL	ANS	131
	28L			-	26	14		TL	FOREST	131

ALL AGRICULTURAL TYRES BY SIZE

Rim	Width	/	Aspect Ratio	Con-struction	Rim	Speed-Load Index / PR	Extra Load	Tube Type/ Tubeless	Tyre Pattern	Page
	28L			-	26	14		TL	SAT23	106
	28L			-	26	16		TL	ANS	131
	28L			-	26	16		TL	FOREST	131
	420	/	85	R	26	138A8/138B		TL	RATFWD	130
	480	/	80	-	26	160A8		TL	STL	126
	480	/	80	R	26	160A8		TL	DURAFORCE UTILITY	92
	750	/	65	R	26	169B		TL	RATDT	130

28

	11.2			-	28	6		TT	ATC	102
	12.4			-	28	6		TT	ATC	102
	13.6			-	28	6		TT	ATC	102
	16.9			-	28	8		TT	ATC	102
	16.9			-	28	10		TT	ATU	128
	16.9			-	28	14		TT	ATU	128
	16.9	/		R	28	136A8		TL	RADCSG	130
	18.4			-	28	12		TL	ATU	131
	250	/	85	R	28	112D/109E		TL	PERFORMER 85	52
	280	/	85	R	28	118A8/115B		TL	R1085	66
	280	/	85	R	28	118D/115E		TL	PERFORMER 85	54
	320	/	85	R	28	124A8/121B		TL	R1085	66
	320	/	85	R	28	124D/121E		TL	PERFORMER 85	54
	340	/	85	R	28	127A8/124B		TL	R1085	66
	340	/	85	R	28	127D/124E		TL	PERFORMER 85	54
	360	/	70	R	28	125A8/125B		TL	R1070	62
	360	/	70	R	28	125D/122E		TL	PERFORMER 70	44
	380	/	70	R	28	127A8/127B		TL	R1070	62
	380	/	70	R	28	127D/124E		TL	PERFORMER 70	44
	380	/	85	R	28	133A8/130B		TL	R1085	68
	380	/	85	R	28	133D/130E		TL	PERFORMER 85	54
	420	/	70	R	28	133A8/133B		TL	R1070	62
	420	/	70	R	28	133D/130E		TL	PERFORMER 70	44
	420	/	85	R	28	139A8		TL	RATFWD	130
	420	/	85	R	28	139A8/136B		TL	R1085	68
	420	/	85	R	28	139D/136E		TL	PERFORMER 85	54
	420	/	85	R	28	144A8/144B	Extra Load	TL	PERFORMER 85	54
	440	/	65	R	28	131D/128E		TL	MAXI TRACTION 65	30
	440	/	65	R	28	131D/128E		TL	PERFORMER 65	36
	440	/	80	-	28	156A8		TL	STL	124
	440	/	80	R	28	156A8		TL	DURAFORCE UTILITY	92
	440	/	80	R	28	156A8		TL	R8000 UTILITY	96
	480	/	65	R	28	136D/133E		TL	MAXI TRACTION 65	30
	480	/	65	R	28	136D/133E		TL	PERFORMER 65	36
	480	/	70	R	28	140A8/140B		TL	R1070	62
	480	/	70	R	28	140D/137E		TL	PERFORMER 70	44
	480	/	70	R	28	151A8/151B	Extra Load	TL	PERFORMER 70	44
	540	/	65	R	28	142D/139E		TL	MAXI TRACTION 65	30
	540	/	65	R	28	142D/139E		TL	PERFORMER 65	36
	600	/	65	R	28	154D/151E		TL	MAXI TRACTION	24

ALL AGRICULTURAL TYRES BY SIZE

Rim	Width	/	Aspect Ratio	Con-struction	Rim	Speed-Load Index / PR	Extra Load	Tube Type/ Tubeless	Tyre Pattern	Page
IF600	/		65	R	28	160D/157E		TL	MAXI TRACTION IF	28
600	/		70	R	28	152A8/152B		TL	RATDT	130
600	/		70	R	28	164A8		TL	RATDT	130
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	102
16.9				-	30	8		TT	ATC	102
16.9				-	30	10		TT	AT F&R	106
16.9				-	30	10		TT	FOREST	131
16.9				R	30	141A8		TL	RADCSG	130
18.4				-	30	8		TT	AT F&R	106
18.4				-	30	12		TT	ATC	102
23.1				-	30	8		TT	ATFR	131
23.1				-	30	12		TT	SAT23	106
23.1				-	30	14		TT	AT F&R	106
380	/		85	R	30	135D/132E		TL	PERFORMER 85	56
380	/		85	R	30	135A8/135B		TL	RATFWD	130
420	/		85	R	30	140A8/137B		TL	R1085	68
420	/		85	R	30	140D/137E		TL	PERFORMER 85	56
420	/		90	R	30	142A8		TL	RATFWD	130
460	/		85	R	30	145D/142E		TL	PERFORMER 85	56
480	/		70	R	30	141A8/141B		TL	R1070	62
480	/		70	R	30	141D/138E		TL	PERFORMER 70	44
480	/		70	R	30	147D/144E	Extra Load	TL	PERFORMER 70	46
480	/		70	R	30	152A8/152B		TL	RATDT	130
480	/		80	R	30	145A8		TL	RATDT	130
540	/		65	R	30	143D/140E		TL	MAXI TRACTION 65	32
540	/		65	R	30	150D/147E	Extra Load	TL	MAXI TRACTION 65	32
540	/		65	R	30	143D/140E		TL	PERFORMER 65	38
540	/		65	R	30	150D/147E	Extra Load	TL	PERFORMER 65	38
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	38

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24.5				-	32	10		TT	CHSPADE	130
24.5				-	32	12		TL	ANS	131
24.5				-	32	16		TL	FOREST	131
24.5				-	32	20		TT	AT F&R	106
24.5				-	32	HP		TL	PULLER 2000	130
30.5L				-	32	26		TL	FOREST	131
30.5L				-	32	HP		TL	PULLER 2000	130
30.5L				-	32	14		TL	SAT23	106
30.5L				-	32	16		TL	SAT23	106
35.5L				-	32	24		TL	FOREST	131

ALL AGRICULTURAL TYRES BY SIZE

Rim	Width	/	Aspect Ratio	Con-struction	Rim	Speed-Load Index / PR	Extra Load	Tube Type/ Tubeless	Tyre Pattern	Page
230	/		95	R	32	128D/143A2		TL	PERFORMER 95	82
270	/		95	R	32	136D/150A2		TL	PERFORMER 95	82
320	/		90	R	32	134D/148A2		TL	PERFORMER 90	82
650	/		75	R	32	172A8/172B		TL	MAXI TRACTION	38
73X44.00				-	32	16		TL	FLT23DT	130
800	/		65	R	32	178A8/178B		TL	MAXI TRACTION	38
900	/		60	R	32	181A8/181B		TL	MAXI TRACTION	38
IF1250	/		50	R	32	201B		TL	RDT23	130
IF900	/		60	R	32	182B		TL	RAT23	130

34

18.4				-	34	8		TT	ATC	102
18.4				-	34	10		TT	FOREST	131
23.1				R	34	151A8		TL	RAT23	130
290	/		95	R	34	131A8		TL	R9000	130
320	/		85	R	34	133A8/133B		TL	R9000	130
380	/		85	R	34	137A8/137B		TL	RATFWD	130
380	/		85	R	34	137A8/137B		TL	RATDT	130
420	/		85	R	34	142A8/139B		TL	R1085	68
420	/		85	R	34	142D/139E		TL	PERFORMER 85	56
420	/		85	R	34	147A8		TL	RATDT	130
460	/		85	R	34	147A8/144B		TL	R8000SS	74
460	/		85	R	34	147D/144E		TL	PERFORMER 85	56
480	/		70	R	34	143A8/143B		TL	R1070	64
480	/		70	R	34	143D/140E		TL	PERFORMER 70	46
520	/		70	R	34	148A8/148B		TL	R1070	64
520	/		70	R	34	148D/145E		TL	PERFORMER 70	46
540	/		65	R	34	145D/142E		TL	MAXI TRACTION 65	32
540	/		65	R	34	152D/149E	Extra Load	TL	MAXI TRACTION 65	32
540	/		65	R	34	145D/142E		TL	PERFORMER 65	38
540	/		65	R	34	152D/149E	Extra Load	TL	PERFORMER 65	38
600	/		65	R	34	151D/148E		TL	MAXI TRACTION 65	32
600	/		65	R	34	151D/148E		TL	PERFORMER 65	38
710	/		75	R	34	178A8 178B		TL	MAXI TRACTION	38

36

13.6				-	36			TT	ATC	102
230	/		95	R	36	130D/145A2		TL	PERFORMER 95	84
270	/		95	R	36	139D/153A2		TL	PERFORMER 95	84
320	/		95	R	36	128D/125E		TL	PERFORMER 85	56
340	/		85	R	36	132A8/129B		TL	R1085	68
340	/		85	R	36	132D/129E		TL	PERFORMER 85	58

38

13.6				-	38	6		TL	CHSPADE	130
15.5				-	38	6		TL	SAT23	106
18.4				R	38	146A8		TL	RADCSG	130
20.8				-	38	10		TT	ATC	102
20.8				R	38	153A8		TL	RADCSG	130
270	/		95	R	38	140D/154A2		TL	PERFORMER 95	84
320	/		85	R	38	143A8/143B		TL	R9000	130

ALL AGRICULTURAL TYRES BY SIZE

Rim	Width	/	Aspect Ratio	Con-struction	Rim	Speed-Load Index / PR	Extra Load	Tube Type/ Tubeless	Tyre Pattern	Page
	340	/	85	R	38	133A8/130B		TL	R1085	68
	340	/	85	R	38	133D/130E		TL	PERFORMER 85	58
	380	/	80	R	38	142A8/142B		TL	RATDT	130
	420	/	85	R	38	144A8/141B		TL	R1085	68
	420	/	85	R	38	144D/141E		TL	PERFORMER 85	58
	460	/	85	R	38	149A8/146B		TL	R1085	68
	460	/	85	R	38	149A8/146B		TL	R8000SS	74
	460	/	85	R	38	149D/146E		TL	PERFORMER 85	58
	460	/	85	R	38	154D/151E	Extra Load	TL	PERFORMER 85	58
	480	/	70	R	38	145A8/145B		TL	R1070	64
	480	/	70	R	38	145D/142E		TL	PERFORMER 70	46
	480	/	80	R	38	149A8		TL	RAT23	130
	520	/	70	R	38	150A8/150B		TL	R1070	64
	520	/	70	R	38	150D/147E		TL	PERFORMER 70	46
	520	/	85	D	38	173A8		TL	SATHD	130
	520	/	85	R	38	155A8/152B		TL	R1085	68
	520	/	85	R	38	155A8/152B		TL	R8000SS	74
	520	/	85	R	38	155A8		TL	RAT23	130
	520	/	85	R	38	155D/152E		TL	PERFORMER 85	58
	520	/	85	R	38	160D/157E	Extra Load	TL	PERFORMER 85	60
	540	/	65	R	38	147D/144E		TL	MAXI TRACTION 65	34
	540	/	65	R	38	147D/144E		TL	PERFORMER 65	40
	580	/	70	R	38	155A8/155B		TL	R1070	64
	580	/	70	R	38	155D/152E		TL	PERFORMER 70	46
	600	/	65	R	38	153D/150E		TL	MAXI TRACTION 65	34
	600	/	65	R	38	153D/150E		TL	PERFORMER 65	40
	650	/	65	R	38	157D/154E		TL	MAXI TRACTION 65	34
	650	/	65	R	38	163D/160E	Extra Load	TL	MAXI TRACTION 65	34
	650	/	65	R	38	157D/154E		TL	PERFORMER 65	40
	650	/	65	R	38	163D/160E	Extra Load	TL	PERFORMER 65	40
	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
	800	/	70	R	38	181B		TL	RDT23	130
	IF800	/	70	R	38	184B		TL	RDT23	130
	IF800	/	70	R	38	187B		TL	RDT23	130
42	300	/	95	R	42	147D/161A2		TL	PERFORMER 95	84
	320	/	90	R	42	139A8/139B		TL	R9000	130
	460	/	85	R	42	150D/147E		TL	PERFORMER 85	60
	460	/	85	R	42	156D/153E	Extra Load	TL	PERFORMER 85	60
	480	/	80	R	42	154A8/154B		TL	RAT23	130
	520	/	85	R	42	157D/154E		TL	PERFORMER 85	60
	520	/	85	R	42	162D/159E	Extra Load	TL	PERFORMER 85	60

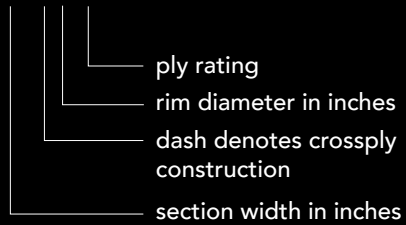
ALL AGRICULTURAL TYRES BY SIZE

Rim	Width	/	Aspect Ratio	Con-struction	Rim	Speed-Load Index / PR	Extra Load	Tube Type/ Tubeless	Tyre Pattern	Page
	520	/	85	R	42	157A8		TL	RADCSG	130
	520	/	85	R	42	157A8		TL	RDT23	130
	IF520	/	85	R	42	169B		TL	RAT23	130
	IF520	/	85	R	42	169B		TL	RDT23	130
	580	/	70	R	42	158D/155E		TL	PERFORMER 70	48
	580	/	85	R	42	166B		TL	RDT23	130
	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	MAXI TRACTION 65	34
	650	/	65	R	42	158D/155E		TL	PERFORMER 65	40
	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	130
	900	/	50	R	42	168A8/168B		TL	R9000	130
44	230	/	95	R	44	134D/148A2		TL	PERFORMER 95	84
	270	/	95	R	44	142D/156A2		TL	PERFORMER 95	86
46	13,6		46	-	46	6		TT	CHSPADE	130
	14,9			R	46	145A8/145B		TL	RAT23	130
	300	/	95	R	46	148D/162A2		TL	PERFORMER 95	86
	320	/	90	R	46	148A8/148B		TL	R9000	130
	320	/	90	R	46	148A8		TL	RADCSG	130
	420	/	80	R	46	151A8/151B		TL	RAT23	130
	380	/	90	R	46	152A8/152B		TL	R9000	130
	480	/	80	R	46	158A8		TL	RAT23	130
	480	/	80	R	46	158A8/158B		TL	RDT23	130
	520	/	85	R	46	158A8/158B		TL	RDT23	130
48	230	/	95	R	48	136D/150A2		TL	PERFORMER 95	86
	230	/	95	R	48	134A8/134B		TL	R9000	130
	270	/	95	R	48	144D/158A2		TL	PERFORMER 95	86
	340	/	85	R	48	151D/165A2		TL	PERFORMER 85	82
50	320	/	90	R	50	148A8/148B		TL	R9000	130
	380	/	105	R	50	168A8/168B		TL	R9100	130
	380	/	90	R	50	151A8/151B		TL	R9000	130
	480	/	80	R	50	159A8		TL	RDT23	130
	IF480	/	95	R	50	165B		TL	RDT23	130
	IF480	/	80	R	50	166B		TL	RDT23	130
	IF380	/	105	R	50	177D		TL	RATRC	130
52	300	/	95	R	52	151D/165A2		TL	PERFORMER 95	86
54	320	/	90	R	54	149A8/149B		TL	RATDT	130
	380	/	90	R	54	152A8/152B		TL	R9000	130

SIZE MARKINGS

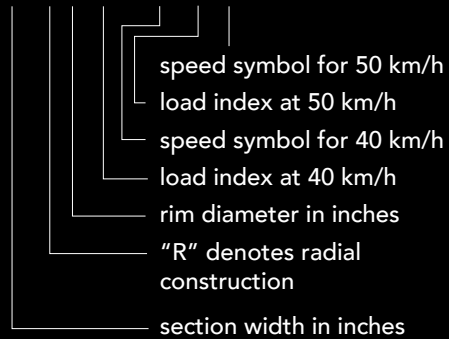
Front Tyre Marking

7.50-16 6 PR



Radial (Standard) Tyre Marking

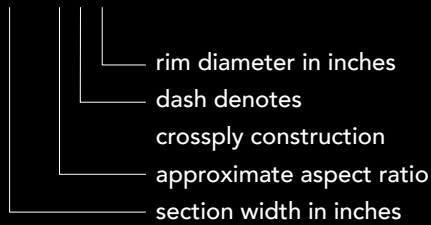
18.4R38 146 A8 143B



Implement Tyre Marking

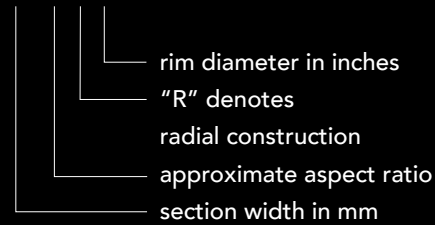
(special rim diameter used in Europe)

11.5/80-15.3



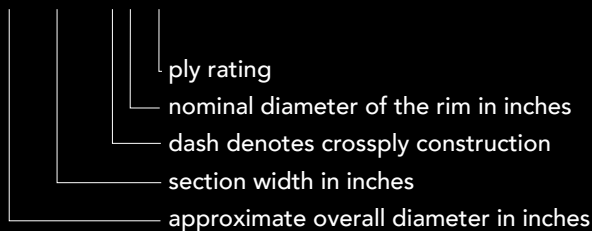
Radial (Metric) Tyre Marking

520/70R38



Flotation Tyre Marking

66 x 43.00-25 10 PR



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 INTER-CHANGEABILITY

Rim	Standard size	85 series	80 series	75 series	70 series	65 series	60 series	55-50 series	Radial narrow (metric)	Radial narrow (imperial)
16	6.50R16				260/70R16	280/65R16				
	7.50R16		250/80R16		280/70R16	320/65R16				
18	7.50R18		250/80R18		280/70R18	320/65R18				
20	7.50R20				280/70R20	340/65R18				
	9.5R20	250//85R20	260/80R20		300/70R20	340/65R20				
	11.2R20	280/85R20			320/70R20					
	12.4R20	320/85R20 250/85R24	340/80R20		360/70R20 300/70R24	420/65R20				
24	8.3R24	280/85R20			320/70R20					
	9.5R24	320/85R20 250/85R24	340/80R20		360/70R20 300/70R24	420/65R20				
	11.2R24	280/85R24			320/70R24 380/70R20	440/65R20				
	12.4R24	320/85R24			360/70R24	420/65R24				
	13.6R24	340/85R24			380/70R24 400/70R24	440/65R24		210/95R32	8.3R32	
	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		230/95R36	9.5R36	
	18.4R26				480/70R28	540/65R28	600/60R28	750/50R26	270/95R36	11.2R36
									230/95R38	9.5R38
	23.1R26			620/75R26	600/70R30 650/70R26	600/65R32 750/65R26	710/60R30	1000/50R25 750/55R30		
					600/70R30 650/70R26	600/65R32 750/65R26	710/60R30	1000/50R25 750/55R30		
	28LR26			620/75R26	600/70R30 650/70R26	600/65R32 750/65R26	710/60R30	1000/50R25 750/55R30		
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
	16.9R28	420/85R28			480/70R28	540/65R28	600/60R28	750/50R26	320/90R32 270/95R36	11.2R36
30	14.9R30	380/85R30			480/70R28 420/70R30	540/65R28			320/90R32 270/95R36	11.2R36
	16.9R30	420/85R30			480/70R30	540/65R30 600/65R28	600/60R30	750/55R26	270/95R38 230/95R40	11.2R38
	18.4R30	460/85R30			520/70R30	600/65R30		710/55R30	420/90R30	8.3R44
		320/85R38			600/70R28	600/65R30			210/95R44	
	23.1R30			620/75R30	480/70R38 650/70R30	540/65R38	600/60R38		300/95R42	

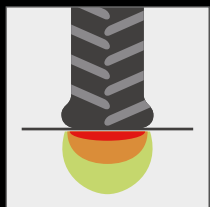
Rim	Standard size	85 series	80 series	75 series	70 series	65 series	60 series	55-50 series	Radial narrow (metric)	Radial narrow (imperial)
32	12.4R32	320/85R32							230/95R38	9.5R38
	24.5R32			650/75R32	680/70R32		800/60R32			
	30.5LR32			620/75R34 680/75R32 650/75R34	680/70R34	800/65R32 750/65R34	710/60R38	900/55R32 1050/50R32	340/85R48	
34	14.9R34	380/85R34								
	16.9R34	420/85R34		400/75R38	480/70R34	540/65R34	710/60R30	750/55R30	230/95R44	9.5R44
	18.4R34	460/85R34			520/70R34	600/65R34			270/95R44	11.2R44
	23.1R34			620/75R34 650/75R32	520/70R38	600/65R38 650/65R34				
36	11.2R36	320/85R34							320/90R32	
	12.4R36	320/85R36			480/70R30	540/65R30	600/60R30	750/55R26	270/95R38	11.2R38
	13.6R36	340/85R36			520/70R30					
		380/85R34 460/85R30			600/70R28	600/65R30		710/55R30	210/95R44	8.3R44
38	12.4R38	320/85R38								
	13.6R38	340/85R38	380/80R38	400/75R38		540/65R34	710/60R30	750/55R30	230/95R44	9.5R44
	14.9R38	380/85R38 460/85R34			520/70R34 520/70R34	600/65R34				
	16.9R38	420/85R38		620/75R30	480/70R38 600/70R34	540/65R38	600/60R38		300/95R42 230/95R48	9.5R48
	18.4R38	460/85R38		620/75R34	520/70R38	600/65R38	650/60R38		300/95R46	12.4R46
			480/80R42	650/75R32	680/70R32	650/65R34	710/60R34		270/95R48	11.2R48
	20.8R38	520/85R38	420/80R46	680/75R32	580/70R38 620/70R38	650/65R38 750/65R34	710/60R38	900/55R32 1050/50R32	340/85R48 320/90R50	
42	18.4R42	460/85R42 340/85R48	480/80R42 420/80R46	680/75R32	580/70R38 620/70R38	600/65R42		900/55R32 1050/50R32	340/85R48 320/90R50	
	20.8R42	520/85R42 680/85R32		650/75R38 710/75R34	580/70R42 620/70R42 710/70R38 800/70R32	650/65R42	710/60R42 900/60R32	900/50R42	300/95R52 270/95R54 320/90R54	12.4R52 11.2R54
			480/80R46							
	20.8R46	520/85R46 650/85R38	480/80R50	650/75R42 800/75R32	800/70R38 710/70R42 620/70R46	650/65R46	900/60R38		380/90R50	
HV		710/85R38	710/75R42			900/60R42				

This table of inter-changeability for equivalent sizes is based upon ETRTO Speed Radius Index (SRI) and is for guidance only. For any change of tyre size it is important to calculate & check the lead/lag percentage and to ensure sufficient height/width clearance of tyre/vehicle combination. Sizes in bold text are available from the Firestone Europe range of Agricultural tyres. This table does not include Agro Industrial nor Firestone America Products.

CUSTOMER BENEFITS

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



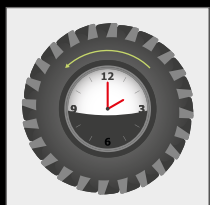
Low Soil-compaction

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.



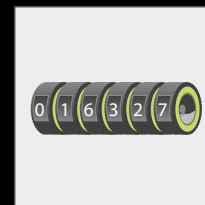
Crop protection

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.

& TYRE DEVELOPMENT FEATURES

Long life

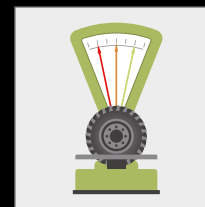
Optimised compounds and a unique tyre-construction in function of the task to be performed make Firestone tyres extremely durable so they last longer. Flatter and wider threads in combination with an optimised lug design lead to even pressure distribution on the road, resulting in a uniform wear and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



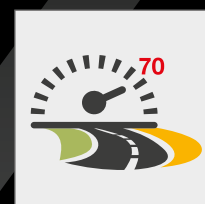
IF

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

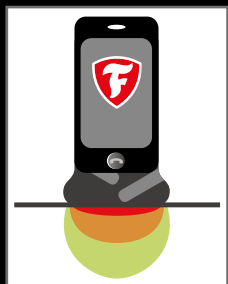
A large number of our tyre-patterns features D/E rated speed-indexes, allowing you to transport heavy loads at high speeds, up to 70 Km/h. Re-engineered tyre-casings with better damping characteristics result in high-speed operation with optimum driving-comfort.



FIRESTONE TYRE PRESSURE APP

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



RADIAL TYRES

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

Firestone

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.



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.



MAXI TRACTION 65

- For medium and large horsepower tractors.
- Longer tyre life, thanks to new lug design.
- Excellent traction, thanks to patented Dual Angle Lug Design.
- Increased driver comfort, thanks to its longer and overlapping lug*.

* Compared with its predecessor.



R1070

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



R1085

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



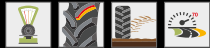
R4000

- 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



Customer Benefits



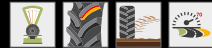
Tyre Development Features



Customer Benefits



Tyre Development Features



Customer Benefits



Customer Benefits



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.



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.



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.



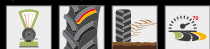
R8000 SEVERE SERVICE

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

Customer Benefits



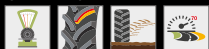
Tyre Development Features



Customer Benefits



Tyre Development Features



Customer Benefits



Tyre Development Features



Customer Benefits





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								
	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								
	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								
	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								
	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								
	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.

Above loads and pressures are for low torque applications. For ploughing and other sustained high-torque field applications only the load values corresponding to 30 km/h should be used.



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								
	2780	3235	3665	4070	4455	4685	4900	5105	5300									70						
650/85R38 173D 170E MAXI TRACTION	712	2067	935	6218	DW23B	DW20B DW21B	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								
	3235	3730	4195	4630	5040	5305	5550	5780	6000									70						
710/70R38 171D 168E MAXI TRACTION	724	1950	879	5872	DW23B	DW25B	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								
	3045	3535	3995	4425	4840	5050	5245	5430	5600									70						
R42 620/70R42 166D 163E MAXI TRACTION	638	1930	873	5814	DW20B	DW18L W18L	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								
	2500	2945	3360	3760	4145	4345	4535	4710	4875									70						
710/70R42 173D 170E MAXI TRACTION	730	2075	938	6217	DW23B	DW25B	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								
	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.

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* Maximum load may not be carried for more than 1.5 km before unloading operation begins.

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* 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.

Above loads and pressures are for low torque applications. For ploughing and other sustained high-torque field applications only the load values corresponding to 30 km/h should be used.



	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	621	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	DW20B DW21B	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	733	1972	872	5823	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	828	2080	924	6148	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.



MAXI TRACTION 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	1.8		2.0	2.2	2.4
R24 440/65R24 128D 125E MAXI TRACTION 65	439	1171	528	3513	W14L DW14L	W13 DW13 W15L DW15L	1450	1700	1920	2120	2330	2520	2700			10	
							1190	1395	1580	1745	1915	2070					30
							1135	1330	1500	1660	1820	1975					40
							1090	1275	1440	1590	1745	1890					50
							1035	1215	1370	1515	1665	1800					65
							950	1115	1260	1390	1525	1650					70
480/65R24 133D 130E MAXI TRACTION 65	473	1237	557	3702	W15L DW15L	W14L DW14L	1660	1945	2200	2430	2665	2885	3090			10	
							1365	1600	1805	1995	2190	2370					30
							1300	1520	1720	1900	2085	2260					40
							1245	1460	1650	1820	2000	2165					50
							1185	1390	1570	1735	1905	2060					65
							1095	1280	1450	1600	1755	1900					70
540/65R24 140D 137E MAXI TRACTION 65	525	1310	592	3936	W16L DW16L	W18L DW18L	2015	2360	2665	2945	3235	3500	3750			10	
							1655	1940	2190	2420	2655	2875					30
							1575	1845	2085	2305	2530	2740					40
							1510	1770	2000	2210	2425	2625					50
							1440	1685	1905	2105	2310	2500					65
							1325	1550	1750	1935	2125	2300					70
R28 440/65R28 131D 128E MAXI TRACTION 65	436	1277	583	3834	W14L DW14L	W13 DW13 W15L DW15L	1575	1840	2080	2305	2520	2730	2925			10	
							1290	1510	1710	1890	2070	2245					30
							1230	1440	1630	1800	1975	2135					40
							1180	1380	1560	1725	1890	2050					50
							1125	1315	1485	1645	1800	1950					65
							1035	1215	1370	1515	1665	1800					70
480/65R28 136D 133E MAXI TRACTION 65	466	1333	601	3999	W15L DW15L	W14L DW14L	1805	2115	2385	2640	2900	3135	3360			10	
							1485	1735	1965	2170	2380	2580					30
							1410	1655	1870	2065	2265	2455					40
							1355	1585	1790	1980	2175	2355					50
							1290	1510	1705	1885	2070	2240					65
							1185	1390	1570	1735	1905	2060					70
540/65R28 142D 139E MAXI TRACTION 65	524	1410	635	4224	W16L DW16L	W18L DW18L	2135	2500	2830	3120	3430	3710	3975			10	
							1755	2055	2320	2565	2815	3050					30
							1670	1955	2210	2445	2680	2905					40
							1600	1875	2120	2345	2570	2785					50
							1525	1785	2020	2230	2450	2650					65
							1400	1640	1850	2045	2245	2430					70

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

Above loads and pressures are for low torque applications. For ploughing and other sustained high-torque field applications only the load values corresponding to 30 km/h should be used.



MAXI TRACTION 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	1.8	2.0		2.2	2.4				
R30 540/65R30 143D 140E MAXI TRACTION 65	521	1462	659	4386	W16L DW16L	W18L DW18L	2200	2570	2905	3215	3520	3815		4090				10			
							1805	2110	2385	2640	2895	3135							30		
							1715	2010	2275	2515	2755	2985								40	
							1645	1930	2180	2410	2645	2865									50
							1570	1835	2075	2295	2515	2725									65
							1440	1685	1905	2105	2310	2500									70
540/65R30 150D 147E MAXI TRACTION 65 EXTRA LOAD	526	1459	658	4374	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		
							1620	1895	2145	2370	2560	2735	2905	3060	3210	3350			65		
							1485	1740	1970	2175	2350	2515	2665	2810	2945	3075			70		
R34 540/65R34 145D 142E MAXI TRACTION 65	522	1555	700	4662	W16L DW16L	W18L DW18L	2375	2780	3135	3470	3775	4060		4350				10			
							1945	2280	2575	2850	3100	3335							30		
							1855	2170	2455	2715	2955	3180							40		
							1775	2080	2355	2600	2830	3045							50		
							1695	1985	2240	2480	2695	2900							65		
							1545	1810	2050	2265	2465	2650							70		
540/65R34 152D 149E MAXI TRACTION 65 EXTRA LOAD	524	1552	710	4659	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		
							1715	2010	2275	2515	2715	2900	3075	3245	3400	3550			65		
							1575	1840	2080	2300	2485	2655	2815	2970	3115	3250			70		
600/65R34 151D 148E MAXI TRACTION 65	590	1639	737	4923	W18L DW18L	DW20B	2780	3255	3680	4065	4460	4830		5175				10			
							2280	2675	3020	3340	3665	3970							30		
							2175	2545	2880	3180	3490	3780							40		
							2085	2440	2760	3050	3345	3625							50		
							1985	2325	2630	2905	3185	3450							65		
							1810	2120	2400	2650	2910	3150							70		

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MAXI TRACTION 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	1.8	2.0		2.2	2.4	
R38 540/65R38 147D 144E MAXI TRACTION 65	522	1677	743	5028	W16L DW16L	W18L DW18L	2480	2900	3275	3625	3975	4305	4615			10		
							2035	2385	2695	2980	3265	3540					30	
							1935	2270	2565	2835	3110	3370					40	
							1860	2175	2460	2720	2980	3230					50	
							1770	2070	2340	2590	2840	3075					65	
							1610	1885	2135	2360	2585	2800					70	
600/65R38 153D 150E MAXI TRACTION 65	584	1737	780	5214	W18L DW18L	DW20B	2940	3445	3890	4305	4720	5110	5475			10		
							2415	2830	3200	3535	3875	4200					30	
							2300	2695	3045	3365	3690	4000					40	
							2205	2580	2920	3225	3540	3835					50	
							2100	2460	2780	3075	3370	3650					65	
							1925	2255	2550	2820	3095	3350					70	
650/65R38 157D 154E MAXI TRACTION 65	636	1807	811	5421	DW20B	-	3325	3890	4395	4865	5335	5775	6190			10		
							2730	3195	3615	3995	4380	4745					30	
							2600	3045	3440	3805	4170	4520					40	
							2490	2920	3300	3645	4000	4335					50	
							2375	2780	3140	3475	3810	4125					65	
							2155	2525	2855	3155	3465	3750					70	
650/65R38 163D 163E MAXI TRACTION 65 EXTRA LOAD	640	1809	813	5430	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
							2305	2735	3130	3490	3830	4145	4345	4535	4710	4875		65
							2305	2735	3130	3490	3830	4145	4345	4535	4710	4875		70
R42 650/65R42 158D 155E MAXI TRACTION 65	634	1912	855	5733	DW20B	-	3425	4010	4530	5010	5495	5950	6375			10		
							2810	3295	3725	4115	4515	4890					30	
							2675	3135	3545	3920	4300	4655					40	
							2565	3005	3400	3755	4120	4465					50	
							2445	2865	3235	3580	3925	4250					65	
							2230	2610	2950	3265	3580	3875					70	

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PERFORMER 65	SW	OD	SLR	RC	Empfohlene Felge	Zulässige Felge	Max. Tragfähigkeit - Luftdruck pro Reifen						Geschwindigkeit (km/h)			
							0.6	0.8	1.0	1.2	1.4	1.6				
R24 440/65R24 128D 125E PERFORMER 65	438	1206	539	3571	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	1321	592	3920	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	440	1300	582	3868	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	484	1357	612	4076	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	1440	645	4266	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

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PERFORMER 65	SW	OD	SLR	RC	Empfohlene Felge	Zulässige Felge	Max. Tragfähigkeit - Luftdruck pro Reifen								Geschwindigkeit (km/h)						
							0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0		2.2	2.4				
R30 540/65R30 143D 140E PERFORMER 65	532	1496	671	4467	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
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		
R34 540/65R34 145D 142E PERFORMER 65	528	1605	720	4791	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		
540/65R34 152D 149E PERFORMER 65 EXTRA LOAD	539	1602	717	4777	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		
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		

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PERFORMER 65	SW	OD	SLR	RC	Empfohlene Felge	Zulässige Felge	Max. Tragfähigkeit - Luftdruck pro Reifen								Geschwindigkeit (km/h)						
							0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0		2.2	2.4				
R38 540/65R38 147D 144E PERFORMER 65	528	1707	763	5063	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	590	1780	788	5226	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	640	1850	828	5480	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
650/65R38 163D 163E PERFORMER 65 EXTRA LOAD	651	1853	830	5492	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		
R42 650/65R42 158D 155E PERFORMER 65	655	1969	879	5860	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

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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
R24 320/70R24 116D 113E PERFORMER 70	323	1102	497	3326	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	360	1154	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	395	1198	538	3608	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	421	1246	560	3770	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
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
480/70R24 138D 135E PERFORMER 70	482	1323	595	3990	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

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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																				
R28 360/70R28 125D 122E PERFORMER 70	360	1256	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	387	1295	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												
							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						
480/70R28 140D 137E PERFORMER 70	483	1436	647	4339	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						
480/70R28 151A8 151B PERFORMER 70 EXTRA LOAD	501	1450	653	4379	W15L	W14L W16L		1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2																
								3210	3385	3545	3695	3860	4015	4170	4345	4485							10									
								2675	2820	2955	3080	3200	3330	3455	3575	3695								30								
									2635	2760	2880	2990	3110	3230	3340	3450									40							
								2500	2635	2760	2880	2990	3110	3230	3340	3450									50							
R30 480/70R30 141D 138E PERFORMER 70	486	1489	670	4511	W15L	W14L W16L		0.6	0.8	1.0	1.2	1.4	1.6																			
								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	489	1489	670	4511	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							
R34	480/70R34 143D 140E PERFORMER 70	487	1592	718	4805	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	524	1643	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	484	1698	765	5143	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	581	1833	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								

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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											
R42 580/70R42 158D 155E PERFORMER 70	577	1901	856	5756	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

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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													
R20 280/85R20 112D 109E PERFORMER 85	296	979	442	2959	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	1046	470	3166	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	245	1038	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
280/85R24 130A8 130B PERFORMER 85 EXTRA LOAD	293	1102	497	3328	W10	W9		0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0									
								1170	1400	1595	1765	1915	2070	2210	2345	2470						10			
								965	1155	1315	1455	1580	1705	1820	1930	2035							30		
									1080	1230	1355	1475	1590	1700	1805	1900								40	
								900	1080	1230	1355	1475	1590	1700	1805	1900								50	
320/85R24 122D 119E PERFORMER 85	329	1153	513	3463	W11	W9 W10		0.6	0.8	1.0	1.2	1.4	1.6												
								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							

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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
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	453	1430	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
420/85R28 144A8 144B PERFORMER 85 EXTRA LOAD	445	1425	642	4304	W15L	W14L		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

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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	
R30 380/85R30 135D 132E PERFORMER 85	396	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	454	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
								1655	1890	2150	2395	2625	50
								1575	1800	2045	2280	2500	65
								1450	1660	1885	2095	2300	70
460/85R30 145D 142E PERFORMER 85	484	1536	690	4623	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	454	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
								1755	2005	2280	2535	2785	50
								1670	1910	2170	2415	2650	65
								1530	1750	1990	2215	2430	70
460/85R34 147D 144E PERFORMER 85	490	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
								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	321	1464	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

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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
R36 340/85R36 132D 129E PERFORMER 85	349	1493	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	351	1553	697	4683	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	450	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
								1855	2120	2405	2680	2940					50
								1765	2015	2290	2550	2800					65
								1625	1855	2105	2345	2575					70
460/85R38 149D 146E PERFORMER 85	497	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
								2150	2460	2790	3110	3415					50
								2050	2340	2660	2960	3250					65
								1890	2160	2455	2735	3000					70
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
520/85R38 155D 152E PERFORMER 85	542	1858	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	475	1842	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
460/85R42 156D 153E PERFORMER 85 EXTRA LOAD	479	1849	832	5590	W16L	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
520/85R42 157D 154E PERFORMER 85	542	1949	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
520/85R42 162D 159E PERFORMER 85 EXTRA LOAD	552	1964	883	5940	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

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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		
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

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

Above loads and pressures are for low torque applications. For ploughing and other sustained high-torque field applications only the load values corresponding to 30 km/h should be used.



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.

Above loads and pressures are for low torque applications. For ploughing and other sustained high-torque field applications only the load values corresponding to 30 km/h should be used.



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.

Above loads and pressures are for low torque applications. For ploughing and other sustained high-torque field applications only the load values corresponding to 30 km/h should be used.



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.

Above loads and pressures are for low torque applications. For ploughing and other sustained high-torque field applications only the load values corresponding to 30 km/h should be used.



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	5.00F 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	5.00F 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.

Above loads and pressures are for low torque applications. For ploughing and other sustained high-torque field applications only the load values corresponding to 30 km/h should be used.



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	317	987	445	2981	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
360/70R20 129A8 126B R4000	385	1056	475	3191	W11	W10 W12	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4		
							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.

Above loads and pressures are for low torque applications. For ploughing and other sustained high-torque field applications only the load values corresponding to 30 km/h should be used.



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.

Above loads and pressures are for low torque applications. For ploughing and other sustained high-torque field applications only the load values corresponding to 30 km/h should be used.



CHARACTERISTICS BY TYRE-PATTERN 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

A large grey rectangular area with horizontal dashed lines, intended for 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
								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								
R32	800/65R32 178A8 178B MAXI TRACTION	827	1852	833	5542	DW27B	DW25B	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	
R32	900/60R32 181A8 181B MAXI TRACTION	902	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.

Above loads and pressures are for low torque applications. For ploughing and other sustained high-torque field applications only the load values corresponding to 30 km/h should be used.



CHARACTERISTICS BY TYRE-PATTERN RADIAL AGRICULTURAL

ROW CROP



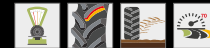
PERFORMER 85-90-95 ROW CROP

- 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

A large grey rectangular area with horizontal dashed lines, intended for handwritten 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	310	1391	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	
										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	230	1254	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	
										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.

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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	285	1478	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	
								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)

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* Basic inflation pressure must be increased as per tables.

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	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
R52	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	302	1893	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
										2520	2710	2925	3170	3405	3625					50
									2195	2400	2580	2790	3020	3240	3450					65

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CHARACTERISTICS BY TYRE-PATTERN 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.



R8000-UTILITY

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

Customer Benefits



Customer Benefits



NOTES

A large grey rectangular area with horizontal dashed lines, intended for handwritten 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	
R20	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
R20	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
R20	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

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	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

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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

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

Above loads and pressures are for low torque applications. For ploughing and other sustained high-torque field applications only the load values corresponding to 30 km/h should be used.



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

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

Above loads and pressures are for low torque applications. For ploughing and other sustained high-torque field applications only the load values corresponding to 30 km/h should be used.

A large grey rectangular area with horizontal dashed lines, intended for taking notes.



BIAS TYRES

Firestone

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 tyres for the toughest jobs.

Customer Benefits



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



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



NOTES

Large area with horizontal dashed lines for 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.

Above loads and pressures are for low torque applications. For ploughing and other sustained high-torque field applications only the load values corresponding to 30 km/h should be used.



	RANCHER T114-113-1133	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	6.00			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

Above loads and pressures are for low torque applications. For ploughing and other sustained high-torque field applications only the load values corresponding to 30 km/h should be used.



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	

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

Above loads and pressures are for low torque applications. For ploughing and other sustained high-torque field applications only the load values corresponding to 30 km/h should be used.



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		
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
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



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	805	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.

Above loads and pressures are for low torque applications. For ploughing and other sustained high-torque field applications only the load values corresponding to 30 km/h should be used.



CHARACTERISTICS BY TYRE-PATTERN

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

A large grey rectangular area with horizontal dashed lines for taking 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

(*) 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.

Maximum Speed (km/h)	% change in loads from 30 km/h	Changes in Infl. Pressure
10*	+ 70%	+25%
15*	+ 55%	+25%
30	+ 0%	None
40	-10%	None

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

Above loads and pressures are for low torque applications. For ploughing and other sustained high-torque field applications only the load values corresponding to 30 km/h should be used.



CHARACTERISTICS BY TYRE-PATTERN 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.
- Tough construction.
- Weather resistant rubber.
- Long tyre life.

Customer Benefits



NOTES

A large grey rectangular area with horizontal dashed lines, intended for taking 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

Note: The above tables show loads for 30 km/h speed in Free Rolling Applications.
 (2) Equivalent to 10.0/75 - 15.3
 (3) Equivalent to 11.5/80 - 15.3

For operations at other speeds, the above loads may be changed as shown in the table at the right

* (1) At zero km/h, +65% in case of load capacities for Free Rolling Wheels or +135% in case of load capacities for Drive Wheels

When fitted on tractor steering wheels, tyre load capacity is 80% of the load for free-rolling applications.

Speed (km/h)	% change in loads from 30 km/h
0	* (1)
10	+ 29%
20	+ 14%
30	0
40	-10%





CHARACTERISTICS BY TYRE-PATTERN 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.



STL

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



ATU

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

Customer Benefits



Customer Benefits



Customer Benefits



NOTES

A large grey rectangular area with horizontal dashed lines, intended for handwritten 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

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

Above loads and pressures are for low torque applications. For ploughing and other sustained high-torque field applications only the load values corresponding to 30 km/h should be used.



	SUPER TRACTION LOADERS (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
	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

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

Above loads and pressures are for low torque applications. For ploughing and other sustained high-torque field applications only the load values corresponding to 30 km/h should be used.



	SUPER TRACTION LOADERS (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

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

Above loads and pressures are for low torque applications. For ploughing and other sustained high-torque field applications only the load values corresponding to 30 km/h should be used.



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									0					
																	5535		10*	
																		3610		40
																		2405		50
20 12.5 - 20 10 PR TL-ATU	323	1016	465	3020	11	12									0					
																	5385		10*	
																		3510		40
																		2340		50
24 12.4 - 24 12 PR TT-ATU	307	1138	536	3445	W11	W9									0					
																	5360		10*	
																		3495		40
												W10						2330		50
28 16.9 - 28 10 PR TT-ATU HC***	430	1428	643	4205	W15L	W14L									0					
																	7120		10*	
																		4645		40
																		3095		50
16.9 - 28 14 PR TT-ATU HC***	430	1428	643	4205	W15L	W14L									0					
																	8350		10*	
																		5440		40
																		3625		50

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

Above loads and pressures are for low torque applications. For ploughing and other sustained high-torque field applications only the load values corresponding to 30 km/h should be used.

SPECIAL APPLICATION TYRES

RADIAL AGRICULTURAL

TRACTOR / ROWCROP / COMBINE HARVESTER

PATTERN	RIM	SIZE	LOAD/SPEED INDEX
RADCSG	28	16.9 R28	136A8
	30	16.9 R30	141A8
	38	18.4 R38	146A8
	38	20.8 R38	153A8
	42	520/85 R42	157A8
	46	320/90 R46	148A8
RAT23	26	23.1 R26	166B
	32	IF900/60 R32	182B
	34	23.1 R34	151A8
	38	480/80 R38	149A8
		520/85 R38	155A8
	42	480/80 R42	154A8 154B
		IF520/85 R42	169B
	46	14.9 R46	145A8 145B
		420/80 R46	151A8 151B
		480/80 R46	158A8
RATDT	26	750/65 R26	169B
	28	600/70 R28	152A8 152B
		164A8	
	30	480/70 R30	152A8 152B
		480/80 R30	145A8
	34	380/85 R34	137A8 137B
		420/85 R34	147A8
38	380/80 R38	142A8 142B	
54	320/90 R54	149A8 149B	
RATFWD	26	14.9 R26	132A8 132B
		18.4 R26	140A8 140B
		420/85 R26	138A8 138B
	38	420/85 R28	139A8
	30	380/85 R30	135A8 135B
		420/90 R30	142A8
34	380/85 R34	137A8 137B	
RATRC	50	IF380/105 R50	177D
RDT23	32	IF1250/50 R32	201B
		800/70 R38	181B
		IF800/70 R38	184B
	42	520/85 R42	157A8
		580/85 R42	166B
		IF520/85 R42	169B
	46	IF850/75 R42	186A8 186B
		480/80 R46	158A8 158B
		520/85 R46	158A8 158B
	50	480/80 R50	159A8
		IF480/95 R50	165B
	R9000	34	290/95 R34
320/85 R34			133A8 133B
38		320/85 R38	143A8 143B
		320/90 R42	139A8 139B
42		900/50 R42	168A8 168B
		320/90 R46	148A8 148B
46		380/90 R46	152A8 152B
		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 / COMBINE HARVESTER

PATTERN	RIM	SIZE	LOAD/SPEED INDEX/ PLY RATING
CHSPADE	26	23.1 -26	152A8 152B
	32	24.5 -32	10
	38	13.6 -38	6
	46	13.6 -46	6
SAT	26	14.9 -26	10
SAT23	26	28L -26	14
	30	23.1 -30	12
	32	30.5L -32	14
			16
SATFWD	26	18.4 -26	10
SATHD	38	520/85 D38	173A8
SATI23	24	14.9 -24	8

BIAS AGRICULTURAL

FLOTATION

PATTERN	RIM	SIZE	PLY RATING
FL23DTL	25	54X37.00 -25	12
			20
FLT23	15	31X15.50 -15	8
			20
FLT23DT	25	66X43.00 -25	10
			10
			16
			16
TURF	15	31X13.50 -15	8

BIAS TRACTOR PULLING

PATTERN	RIM	SIZE	PLY RATING
PULLER2	32	24.5 -32	HP
			HP

BIAS AGRICULTURAL

FREE ROLLING

PATTERN	RIM	SIZE	PLY RATING
4RIB	16.1	14L -16.1	12
ANS	16.1	13.50 -16.1	10
		24	16.9 -24
	26	18.4 -26	6
		23.1 -26	12
		28L -26	12
		24.5 -32	12
ATFR	30	23.1 -30	8
CGUID4R	15	9.5 -15	8
	16	11.00 -16	8
CH3RHD	20	7.50 -20	6
CHGG3R	15	11L -15	8
CHGG4R	15	11L -15	8
DUORIB	15	7.60 -15	6
FARM	15	11L -15	8
		12.5L -15	12
		7.60 -15	8
		9.5L -15	12
	16.1	16.5L -16.1	10
		21.5L -16.1	14
HWAY SP	15	11L -15	F
IMPLEMT	15	27X9.50 -15	8
INDSP	16	11L -16	12
NPWRIMP	16.1	16.5L -16.1	10
PWRIMP	16.1	21.5L -16.1	14
RIBIMP	15	31X13.50 -15	12
	24	9.00 -24	8

BIAS INDUSTRIAL

BACKHOE/TELEHANDLER/SKI-STEER

PATTERN	RIM	SIZE	PLY RATING
ATU	24	14.9 -24	12
		16.9 -24	12
		17.5L -24	10
		19.5L -24	12
		21L -24	16
	18		
28	18.4 -28	12	
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
DURAFHD	16.5	265/70 -16.5	8
		305/70 D16.5	10
DURAFND	17.5	355/70 -17.5	14
		385/65 -19.5	12
	19.5	445/65 -19.5	16
STDUP	19.5	15 -19.5	12
STL	15	27X8.50 -15	6
	18	12.5/80 -18	12

BIAS FORESTRY

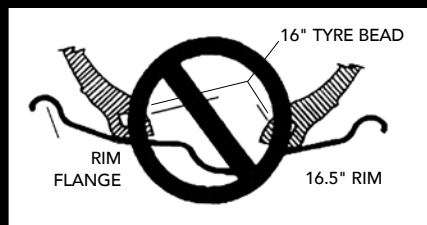
PATTERN	RIM	SIZE	PLY RATING
FOREST	26	18.4 -26	10
		23.1 -26	10
		14	
		14	
		16	
	30	16.9 -30	10
		24.5 -32	16
	32	30.5L -32	26
		35.5L -32	24
		18.4 -34	10

Technical details can be found on www.firestoneag.com

Contact your local salesman if you are interested to obtain these tyres.

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. However, 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 positioning 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.

- Re-inflation 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 dislodged 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 as dicated by shaded area.

Note: Under some circumstances, the trajectory may deviate from its expected path.

Always use a safety cage or other restraining device.

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** substitute 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.

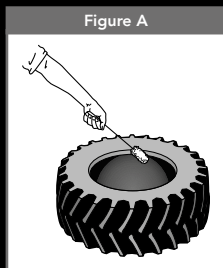
20. **ALWAYS** use sealing valve caps to prevent loss of air or fluid.

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

WARNING & SAFETY PRECAUTIONS

MOUNTING, INFLATING AND DISMOUNTING GUIDELINES FOR AGRICULTURAL TYRES

MOUNTING



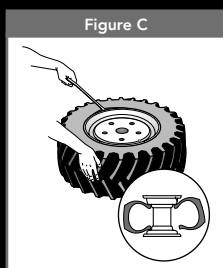
STEP #1: FIGURE A

*Lubricate both beads and rim.
Position tyre so first beads is in wheel well 180 degrees from valve.



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.



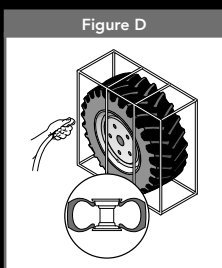
STEP #3: FIGURE C

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

Using tyre iron or mounting machine pry the second bead over 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.



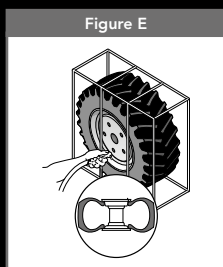
STEP #4: FIGURE D

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.



STEP #5 : FIGURE E

Inflate tyre to seat the beads.

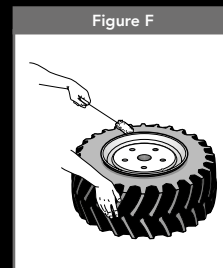
Do not inflate over 35 psi to seat beads.

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

Repeat inflation procedure.

Set to proper inflation pressure.

DISMOUNTING

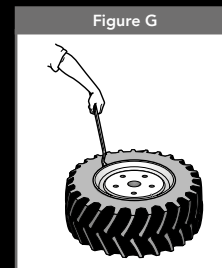


STEP #1: FIGURE F

Deflate the tyre completely.

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

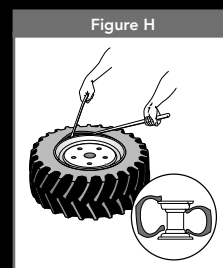
Lubricate the pry notch with approved lubricant.



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.

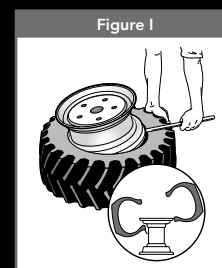


STEP #3 : FIGURE H

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.



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.

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.

NOTICE:

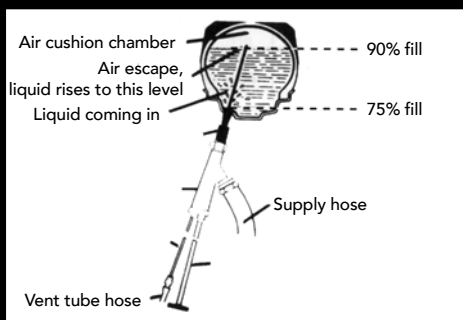
Although great care has been taken in producing this manual, we accept no responsibility for any loss or damage resulting from undetected errors or misprints which may have occurred. Due to constant advance of tyre technology, contents of this data book are subject to change without notice.

HYDRO-INFLATION

HYDRO-INFLATION PROCEDURE FOR FLUID BALLAST

1. After the beads have been fully seated on 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 recommendations). 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 submerged.) 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 recommended 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% valve level fill			
	75% (dm ³)	TOTAL (dm ³)	Solution 0.42 kg (CaCl ²) / l (Water)			
			Water (liter)	Ca cl ² (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% valve level fill			
	75% (dm ³)	TOTAL (dm ³)	Solution 0.42 kg (CaCl ²) / l (Water)			
			Water (liter)	Ca cl ² (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

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Unides • FS AGRI B EU - 12/2016 - FS-AG-16-0005

