



Agricultural Tyres

TECHNICAL DATABOOK 13TH EDITION

Mitas

Introduction

The extensive technical data and other information relating to tyres and accessories on the following pages has been compiled to reflect as accurately and completely as possible the current state of development. Due to changes in our product range the tyre sizes given in this guide are not always identical to our available range.

For further information please contact us:

MITAS a.s.

Švehlova 1900/3, 106 00 Prague 10, Czech Republic

For more information, including addresses of our sales organisations, please visit www.mitas-tyres.com.

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Contents

PATTERNS, MARKINGS AND DEFINITIONS

List of tread patterns	4
List of tyre sizes	6
Tyre size marking	8
Speed symbols and conversion tables	9
Tyre sidewall marking and structures	10
Load index	11
Main applications chart	12

PREMIUM RADIAL TYRES

HC High Capacity (HC) – VF series	NEW	14
SuperFlexionTyres (SFT)	NEW	18
AC AC 70 T – 70 series	NEW	24
AC 85, AC 90 – Row Crop		32

TRACTOR RADIAL TYRES

RD RD-03 – 65 series	40
RD-02 – 70 series	46
RD-01 – 85 series	47
Conversion table – tractor radial tyres	54

IMPLEMENT RADIAL TYRES

AR Agriterra 02 & 03	NEW	56
AR-01 & 02		57

TRACTOR DIAGONAL TYRES

AF Tractor Agro Forestry	62
TD Tractor Drive (diagonal)	66

IMPLEMENT DIAGONAL TYRES

IM Implement Non Traction	80
TR Implement Traction	90

OTHER TYRES

TS Tractor Small	100
TF Tractor Front	108
B Bantam	116

USE AND MAINTENANCE

US Tread pattern marking	118
Use and Maintenance	119
Fitting and removal instructions	120
Water ballasting of tractor tyres	121
Rim specification	122
Terms and shortcuts used in this catalogue	124
Sales organisations worldwide	126
CGS holding	128

List of tread patterns



Legend:

PREMIUM RADIAL TYRES	Page 14
TRACTOR RADIAL TYRES	Page 40
IMPLEMENT RADIAL TYRES	Page 56
TRACTOR DIAGONAL TYRES	Page 62
IMPLEMENT DIAGONAL TYRES	Page 80
OTHER TYRES	Page 100

List of tyre sizes

Size (inch)	Tyre size (Alternative tyre size)	Tread pattern	Page
PREMIUM RADIAL			
16"	200/70 R 16	AC70 T	26
	240/70 R 16	AC70 T	26
	260/70 R 16	AC70 T	26
	280/70 R 16	AC70 T	26
18"	280/70 R 18	AC70 T	26
20"	280/70 R 20	AC70 T	26
	300/70 R 20	AC70 T	26
	320/70 R 20	AC70 T	26
	360/70 R 20	AC70 T	26
	380/70 R 20	AC70 T	28
24"	320/70 R 24	AC70 T	28
	360/70 R 24	AC70 T	28
	380/70 R 24	AC70 T	28
	420/70 R 24	AC70 T	28
25"	1050/50 R 25	SFT	20
26"	750/65 R 26	SFT	20
28"	380/70 R 28	AC70 T	28
	420/70 R 28	AC70 T	28
	480/70 R 28	AC70 T	28
30"	420/70 R 30	AC70 T	28
	480/70 R 30	AC70 T	30
	VF 600/70 R 30	HC 2000	16
32"	270/80 R 32	AC90	34
	270/95 R 32	AC85	34
	320/85 R 32	AC85	34
	320/90 R 32	AC85	34
	1250/50 R 32	SFT	20
34"	320/85 R 34	AC85	32
	480/70 R 34	AC70 T	30
	520/70 R 34	AC70 T	30
	650/60 R 34	SFT	20
	710/60 R 34	SFT	20
36"	270/80 R 36	AC90	34
38"	320/85 R 38	AC85	34
	340/85 R 38	AC85	36
	VF 380/95 R 38	HC 2000	16
	380/95 R 38	AC85	36
	480/70 R 38	AC70 T	30
	520/70 R 38	AC70 T	30
	580/70 R 38	AC70 T	30
42"	300/85 R 42	AC90	36
	300/95 R 42	AC90	36
	580/85 R 42	SFT	20
	VF 710/70 R 42	HC 2000	16
	900/60 R 42	SFT	22
46"	300/95 R 46	AC85	36
	VF 380/90 R 46	HC 1000	16
	380/90 R 46	AC85	36
	710/65 R 46	SFT	22
48"	270/95 R 48	AC90	38
	340/85 R 48	AC85	38
50"	320/90 R 50	AC85	38

Size (inch)	Tyre size (Alternative tyre size)	Tread pattern	Page
	380/90 R 50	AC85	38
	VF 480/95 R 50	HC 2000	16
	480/95 R 50	AC85	38
54"	320/90 R 54	AC85	38
TRACTOR RADIAL			
24"	280/85 R 24	RD-01	50
	320/85 R 24	RD-01	50
	340/85 R 24	RD-01	50
	380/70 R 24	RD-02	48
	380/85 R 24	RD-01	50
	420/65 R 24	RD-03	42
	420/85 R 24	RD-01	50
	440/65 R 24	RD-03	42
	480/65 R 24	RD-03	42
	540/65 R 24	RD-03	42
28"	280/85 R 28	RD-01	50
	320/85 R 28	RD-01	50
	340/85 R 28	RD-01	50
	380/70 R 28	RD-02	48
	380/85 R 28	RD-01	50
	420/70 R 28	RD-02	48
	420/85 R 28	RD-01	50
	440/65 R 28	RD-03	42
	480/65 R 28	RD-03	42
	480/70 R 28	RD-02	48
	540/65 R 28	RD-03	42
30"	380/85 R 30	RD-01	50
	420/85 R 30	RD-01	52
	460/85 R 30	RD-01	52
	480/70 R 30	RD-02	48
	540/65 R 30	RD-03	44
32"	320/85 R 32	RD-01	50
	320/90 R 32	RD-01	50
	380/85 R 32	RD-01	50
	420/70 R 32	RD-02	48
	420/85 R 32	RD-01	50
	440/65 R 32	RD-03	42
	480/65 R 32	RD-03	42
	480/70 R 32	RD-02	48
	540/65 R 32	RD-03	42
34"	420/85 R 34	RD-01	52
	460/85 R 34	RD-01	52
	480/70 R 34	RD-02	48
	540/65 R 34	RD-03	44
	600/65 R 34	RD-03	44

Size (inch)	Tyre size (Alternative tyre size)	Tread pattern	Page
36"	340/85 R 36	RD-01	52
38"	340/85 R 38	RD-01	52
	420/85 R 38	RD-01	52
	460/85 R 38	RD-01	52
	480/70 R 38	RD-02	48
	520/70 R 38	RD-02	48
	520/85 R 38	RD-01	52
	540/65 R 38	RD-03	44
	600/65 R 38	RD-03	44
	650/65 R 38	RD-03	44
	710/70 R 38	RD-03	44
42"	520/85 R 42	RD-01	52
	650/65 R 42	RD-03	44
AGRICULTURAL RADIAL			
22.5"	385/65 R 22.5	AR-01	60
	445/65 R 22.5	AR-01	60
	460/65 R 22.5 IMP	AR-01	60
	560/60 R 22.5 IMP	AR-02	58
26.5"	600/55 R 26.5 IMP	Agriterra 02	58
	650/65 R 26.5 IMP	Agriterra 02	58
	710/50 R 26.5 IMP	Agriterra 02	58
	800/45 R 26.5 IMP	Agriterra 02	58
30.5"	650/65 R 30.5 IMP	Agriterra 03	58
	750/60 R 30.5 IMP	Agriterra 03	58
	850/50 R 30.5 IMP	Agriterra 02	58
TRACTOR AGRO FORESTRY			
24"	380/85 - 24	AF-01	64
	(14.9 - 24)		
28"	380/85 - 28	AF-01	64
	(14.9 - 28)		
30"	16.9 - 30	TL-01	64
34"	420/85 - 34	AF-01	64
	(16.9 - 34)		
	460/85 - 34	AF-01	64
	(18.4 - 34)		

Size (inch)	Tyre size (Alternative tyre size)	Tread pattern	Page
TRACTOR DRIVE (DIAGONAL)			
20"	8.3 - 20	TD-13	68
24"	8.3 - 24	TD-02	68
	9.5 - 24	TD-02	68
	11.2 - 24	TD-02	68
	11.2 - 24	TD-19	68
	12.4 - 24	TD-02	68
	12.4 - 24	TD-19	68
	14.9 - 24	TD-02	68
	14.9 - 24	TD-19	70
	16.9 - 24	TD-02	70
	16.9 - 24	TD-13	70
26"	18.4 - 26	TD-19	70
	23.1 - 26	TD-01	70
28"	11.2 - 28	TD-02	70
	12.4 - 28	TD-19	70
	12.4 - 28	TD-02	70
	13.6 - 28	TD-19	70
	14.9 - 28	TD-19	72
	16.9 - 28	TD-02	72
	16.9 - 28	TD-13	72
30"	16.9 - 30	TD-13	72
	16.9 - 30	TD-17	72
	18.4 - 30	TD-13	72
32"	9.5 - 32	TD-13	72
	12.4 - 32	TD-13	74
34"	16.9 - 34	TD-02	74
	16.9 - 34	TD-17	74
	18.4 - 34	TD-19	74
	18.4 - 34	TD-02	74
36"	12.4 - 36	TD-13	74
	13.6 - 36	TD-13	74
38"	12.4 - 38	TD-17	76
	13.6 - 38	TD-02	76
	13.6 - 38	TD-13	76
	14.9 - 38	TD-05	76
	15.5 - 38	TD-05	76
	16.9 - 38	TD-13	76
	18.4 - 38	TD-19	76
IMPLEMENT DIAGONAL			
12"	10.0/80 - 12	IM-04	82
	10.0/80 - 12	IM-08	82
14.5"	200/60 - 14.5	IM-10	82
15"	31x15.50 - 15	TR-06	92
	(400/50 - 15)		
	31x15.50 - 15	TR-07	92
	(400/50 - 15)		
15.3"	10.0/75 - 15.3	IM-04	82
	10.0/75 - 15.3	TR-03	92

Size (inch)	Tyre size (Alternative tyre size)	Tread pattern	Page
	10.0/75 - 15.3	TR-04	92
	11.5/80 - 15.3	IM-04	84
	11.5/80 - 15.3	TR-03	92
	12.5/80 - 15.3	IM-04	84
15.5"	400/60 - 15.5	IM-07	84
	400/60 - 15.5	TR-08	94
16"	10.50 - 16	IM-01	84
17"	15.0/55 - 17	IM-04	84
	15.0/55 - 17	TR-01	94
	19.0/45 - 17	IM-04	84
	480/45 - 17	TR-01	94
	500/50 - 17	IM-07	86
17.5"	14 - 17.5	TR-10	94
18"	12.0/75 - 18	TR-03	94
	12.0/75 - 18	TR-11	94
	12.5/80 - 18	TR-09	96
	12.5/80 - 18	IM-03	86
	12.5/80 - 18	IM-04	86
	13.0/65 - 18	IM-04	86
	13.00 - 18	IM-02	86
	13.00 - 18	TO 2	86
	14.5/80 - 18	IM-03	88
	14.5/80 - 18	TR-05	96
20"	16.0/70 - 20	TR-09	96
	400/70 - 20	TR-01	96
22.5"	500/60 - 22.5	TR-08	96
	500/60 - 22.5	IM-09	88
	500/60 - 22.5	TR-12	96
	550/60 - 22.5	IM-09	88
	550/60 - 22.5	TR-08	96
	600/40 - 22.5	TR-12	98
	600/50 - 22.5	TR-08	98
24"	15.5/80 - 24	TR-01	98
	17.5L - 24	TR-01	98
TRACTOR SMALL			
8"	4.00 - 8	TS-01	102
10"	4.0 - 10	TS-03	102
	5.0 - 10	TS-03	102
12"	5.00 - 12	TS-02	102
	6.5/80 - 12	TS-06	102
14"	6.5/75 - 14	TS-02	102
15"	5.00 - 15	TS-06	102
	6.5/80 - 15	TS-06	104
	690 x 180 - 15	TS-07	104
15.3"	10.0/75 - 15.3	TS-05	104
	11.5/80 - 15.3	TS-05	104
16"	6.00 - 16	TS-04	104
	6.00 - 16	TD-13	106

Size (inch)	Tyre size (Alternative tyre size)	Tread pattern	Page
	7.50 - 16	TS-04	106
	7.50 - 16	TD-13	106
20"	7.50 - 20	TS-04	106
	7.50 - 20	TD-13	106
	8.3 - 20	TD-13	106
TRACTOR FRONT			
16"	6.00 - 16	TF-01	110
	6.00 - 16	TF-03	110
	6.00 - 16	TF-06	110
	6.50 - 16	TF-03	110
	6.50 - 16	TF-05	110
	7.50 - 16	TF-01	110
	7.50 - 16	TF-03	110
	7.50 - 16	TF-05	112
	9.00 - 16	TF-03	112
	10.00 - 16	TF-03	112
	11L - 16	IM-05	112
18"	6.00 - 18	TF-03	112
	6.00 - 18	TF-04	112
20"	6.50 - 20	TF-03	112
	6.50 - 20	TF-04	114
	6.50 - 20	TF-05	114
	7.50 - 20	TF-01	114
	7.50 - 20	TF-03	114
	7.50 - 20	TF-05	114
BANTAM			
8"	16 x 4	B 2	116
	16 x 4	B 5	116
	3.50 - 8	B 6	116

Tyre size marking

340/85 R 24	
340	Nominal section width (in mm)
85	Aspect ratio H/SW (in %)
R	Radial construction
24	Nominal rim diameter (in inches)

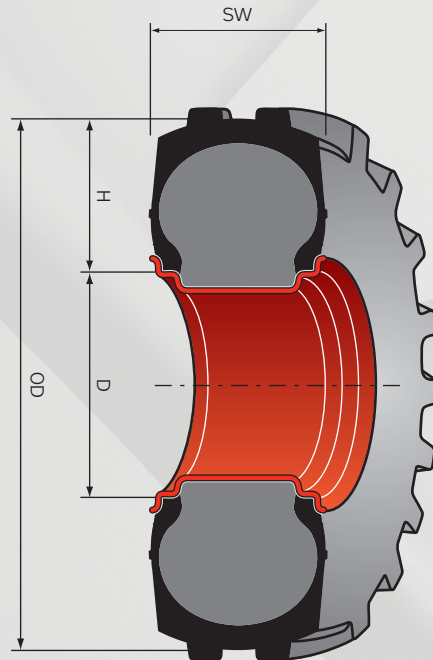
15.0/55 – 17	
15.0	Nominal section width (in inches)
55	Aspect ratio H/SW (in %)
–	Cross-ply construction
17	Nominal rim diameter (in inches)

31 × 15.50 – 15	
31	Overall diameter (in inches)
15.50	Nominal section width (in inches)
–	Cross-ply construction
15	Nominal rim diameter (in inches)

17.5 L – 24	
17.5	Nominal section width (in inches)
L	Reduced aspect ratio
–	Cross-ply construction
24	Nominal rim diameter (in inches)

7.50 – 20	
7.50	Nominal section width (in inches)
–	Cross-ply construction
20	Nominal rim diameter (in inches)

16 × 4	
16	Overall diameter (in inches)
4	Nominal section width (in inches)



SW Section width
OD Overall diameter
H Section height
D Rim diameter

Speed symbols and conversion tables

Speed category

Speed symbol	A1	A2	A3	A4	A5	A6	A7	A8	B	D	F	J	K
Speed (km/h)	5	10	15	20	25	30	35	40	50	65	80	100	110

Pressure units conversion table

bar	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5
kPa	100	150	200	250	300	350	400	450	500	550
p.s.i.	15	22	29	36	44	51	58	65	73	80

bar	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5
kPa	600	650	700	750	800	850	900	950	1 000	1 050
p.s.i.	87	94	102	109	116	123	131	138	145	152

Units conversion table

Length	Mass	Pressure	
1 millimeter (mm) = 0.03937"	1 pound (lb) = 0.4536 kg	1 p.s.i. (lb/in ²) = 6.895 kPa	
1 inch (") = 25.4 mm = 0.0254 m	1 kilogram (kg) = 2.205 lb	1 kg/cm ² = 98.066 kPa	
1 meter (m) = 3.281 ft		1 bar = 100 kPa	
1 foot (ft) = 0.3048 m			
1 kilometer (km) = 0.6214 mile	<th>Volume</th>	Volume	
1 mile = 1609 m = 1.609 km	1 litre (l) = 0.21 gall		
	1 imperial gallon (imp.gal) = 4.55 l		

Tyre sidewall marking



Sign	Meaning
MITAS	Trademark of producer
480/65 R 28	Tyre size marking
RD-03	Tread Pattern code
136	Load index (LI 136 = 2 240 kg)
D	Speed symbol (D = 65 km/h)
139	Load index (LI 139 = 2 430 kg)
A8	Speed symbol (A8 = 40 km/h)
TUBELESS	Tubeless tyre
	Direction of rotation
R-1	US tread profile marking

Tyre structure



- Tread Pattern
- Breaker Cord
- Inner Liner
- Carcass Cord
- Sidewall
- Apex
- Bead Wire



BIAS (DIAGONAL, CROSS-PLY) TYRE

A pneumatic tyre in which the ply cords extend to the beads and are laid substantially at alternate angles less than 90° to the centre-line of the tread.



RADIAL PLY TYRE

A pneumatic tyre in which the ply cords extend to the beads and are laid substantially at 90° to the centre-line of the tread, the carcass being stabilised by an essentially inextensible circumferential belt.

Load index

LI	kg	LI	kg	LI	kg	LI	kg	LI	kg
30	106	67	307	104	900	141	2 575	178	7 500
31	109	68	315	105	925	142	2 650	179	7 750
32	112	69	325	106	950	143	2 725	180	8 000
33	115	70	335	107	975	144	2 800	181	8 250
34	118	71	345	108	1 000	145	2 900	182	8 500
35	121	72	355	109	1 030	146	3 000	183	8 750
36	125	73	365	110	1 060	147	3 075	184	9 000
37	128	74	375	111	1 090	148	3 150	185	9 250
38	132	75	387	112	1 120	149	3 250	186	9 500
39	136	76	400	113	1 150	150	3 350	187	9 750
40	140	77	412	114	1 180	151	3 450	188	10 000
41	145	78	425	115	1 215	152	3 550	189	10 300
42	150	79	437	116	1 250	153	3 650	190	10 600
43	155	80	450	117	1 285	154	3 750	191	10 900
44	160	81	462	118	1 320	155	3 875	192	11 200
45	165	82	475	119	1 360	156	4 000	193	11 500
46	170	83	487	120	1 400	157	4 125	194	11 800
47	175	84	500	121	1 450	158	4 250	195	12 150
48	180	85	515	122	1 500	159	4 375	196	12 500
49	185	86	530	123	1 550	160	4 500	197	12 850
50	190	87	545	124	1 600	161	4 625	198	13 200
51	195	88	560	125	1 650	162	4 750	199	13 600
52	200	89	580	126	1 700	163	4 875	200	14 000
53	206	90	600	127	1 750	164	5 000		
54	212	91	615	128	1 800	165	5 150		
55	218	92	630	129	1 850	166	5 300		
56	224	93	650	130	1 900	167	5 450		
57	230	94	670	131	1 950	168	5 600		
58	236	95	690	132	2 000	169	5 800		
59	243	96	710	133	2 060	170	6 000		
60	250	97	730	134	2 120	171	6 150		
61	257	98	750	135	2 180	172	6 300		
62	265	99	775	136	2 240	173	6 500		
63	272	100	800	137	2 300	174	6 700		
64	280	101	825	138	2 360	175	6 900		
65	290	102	850	139	2 430	176	7 100		
66	300	103	875	140	2 500	177	7 300		

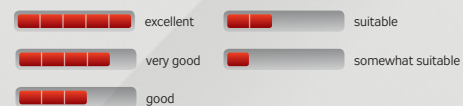
Main applications chart

We offer a wide range of tyres for almost every piece of equipment and application – from high-horsepower tractors to massive combines, from field preparation to harvest.

Our extensive line of premium radial agricultural tyres offers solutions to all your needs, from our High Capacity tyres (HC) series to our SuperFlexionTyre (SFT) series or our wide footprint AC 70 T series tyres and our AC 85 and AC 90 series for row-crop applications.



	HC 2000	HC 1000	SuperFlexionTyres (SFT)		AC 70 T	AC 85	RD-03	RD-02	RD-01
Product description on page	14	14	18		24	32	40	46	47
Type of tyre	VF (Very High Flexion)	VF (Very High Flexion)	Super Flexion		Wide	Row Crop	Wide	Wide	Standard
Tractor (hp)	–	–	> 180		< 200	–	< 220	< 180	< 180
Driving speed	50 km/h	65 km/h	65 km/h		50 km/h	50 km/h	65 km/h	50 km/h	50 km/h
Road performance, Transports									
Field work									
→ Cultivating, ploughing (high torque)									
→ Seedbed preparation (high load)									
Grassland application									
Cultivation of crop rows									
Harvest application									
Wine cultivation and fruit growing									



NEW

HC 2000 – New VF (Very High Flexion) tyre for high-horsepower tractors



> Lower inflation pressure provides **excellent traction efficiency**.



> **Better ground protection** thanks to reduced soil compaction.



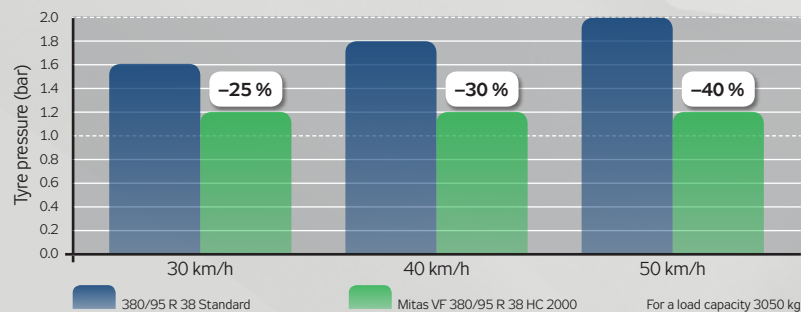
> **Higher load capacity** for higher haulage efficiency.



HC 2000

LOAD CAPACITY	
TRACTION	
SOIL PROTECTION	
HANDLING ON ROAD	
COST EFFICIENCY	

Constant tyre pressure at any speed (VF concept)



HC 1000 – New narrow VF tyre for self-propelled sprayers



> More lugs provide **better durability, longer service life and lower operation cost**.



> **Higher maximum speed** (65 km/h) for less time on the road.



> **Reduced soil compaction** for higher loads thanks to lower inflation pressure.



HC 1000

LOAD CAPACITY	
TRACTION	
CROP PROTECTION	
HANDLING ON ROAD	
COST EFFICIENCY	



HC 2000



HC 2000 technical data and load capacities

Tyre size	Service description LI/SS	Rim (permitted)	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed radius index	Water 75% (l)		Tyre load capacity (kg) at tyre pressure (bar)					Speed (km/h)
										0.8	1.0	1.2	1.4	1.6	
VF 600/70 R 30 *	165 B	W 21 W 20	603 593	1 595	695	4 690	750	490		3 380 2 975	3 750 3 300	4 170 3 670	4 640 4 080	5 150 4 530	50 50 dual
VF 380/95 R 38 *	154 B	W 13 W 12	390 380	1 680	740	4 995	800	280		2 450 2 155	2 725 2 400	3 050 2 685	3 375 2 970	3 750 3 300	50 50 dual
VF 710/70 R 42 *	179 B	W 24 W 25 W 23	705 715 695	2 060	920	6 125	975	880		5 030 4 425	5 600 4 930	6 240 5 490	6 950 6 115	7 750 6 820	50 50 dual
VF 480/95 R 50 *	170 B	W 16 W 18 W 15	479 499 469	2 175	970	6 460	1 075	650		3 850 3 390	4 375 3 850	4 840 4 260	5 400 4 750	6 000 5 280	50 50 dual

* in preparation

HC 1000



HC 1000 technical data and load capacities

Tyre size	Service description LI/SS	Rim (permitted)	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed radius index	Water 75% (l)		Tyre load capacity (kg) at tyre pressure (bar)						Speed (km/h)	
										1.0	1.6	2.4	3.2	3.6	4.0		4.4
VF 380/90 R 46	173 D	W 13 W 12	385 375	1 845	830	5 540	875	330		2 800 2 465	3 875 3 410	4 625 4 070	5 425 4 775	5 775 5 080	6 125 5 390	6 500 5 720	65 65 dual

All load values are valid for ground slopes up to and including 20% (1:5). When operating on slopes greater than 20%, please contact the producer.
 Tubeless tyres – may be used with a tube.

NEW

SuperFlexionTyre (SFT) Maximum load capacity and traction for powerful machines



> Developed specifically for use on **high-horsepower tractors** (> 180 hp).



> Flexible ultra-strong sidewalls allow low inflation pressures for **high load-carrying capacities**, gentle ground handling and higher yields.



> **Maximum traction and outstanding productivity** thanks to transport speeds of 65 km/h and a large contact patch.



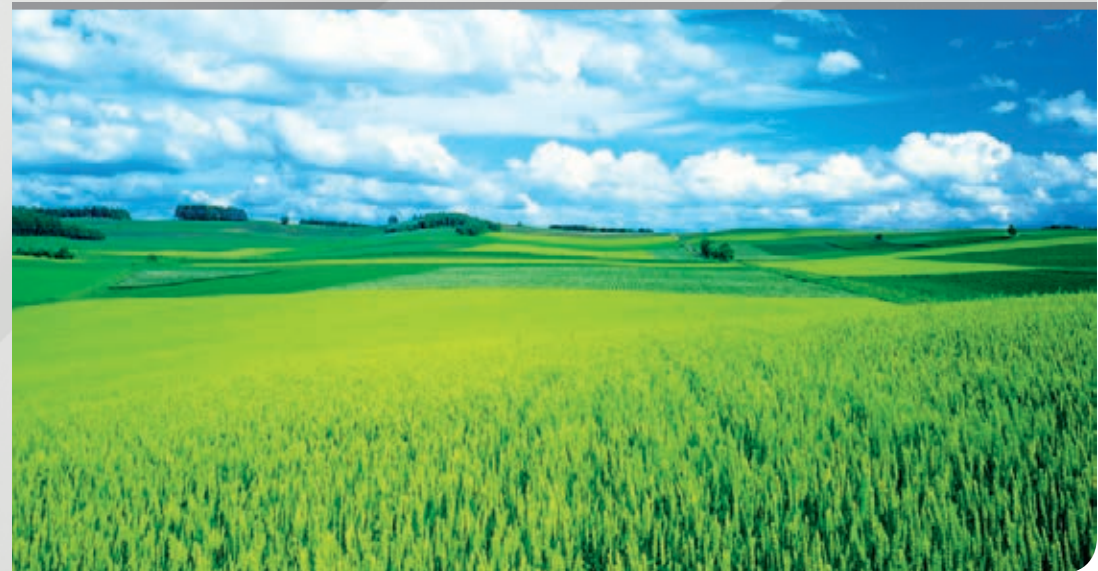
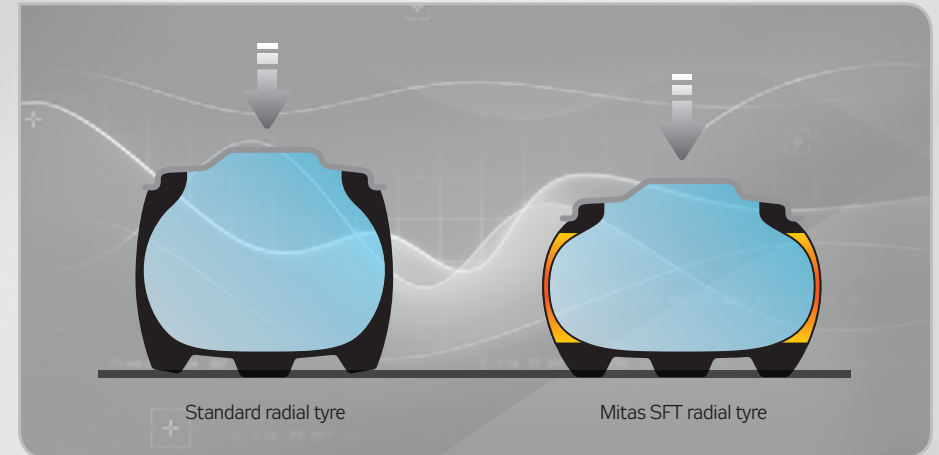
SFT (R-1W)

LOAD CAPACITY	
TRACTION	
SOIL PROTECTION	
HANDLING ON ROAD	
COST EFFICIENCY	

kW	22	44	66	88	110	132	162	191	>220
hp	30	60	90	120	150	180	220	260	>300

Tyre sidewall flexibility

Flexible sidewalls deliver maximum load capacity at the lowest possible inflation pressures for better traction and optimum soil protection, even with the heaviest equipment.



SFT



SuperFlexionTyres technical data and load capacities

Tyre size	Service description LI/SS	Rim (permitted)	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed radius index	Water 75% (l)	Tyre load capacity (kg) at tyre pressure (bar)										Speed (km/h)
									0.4	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	
1050/50 R 25 *	175 D (178 A8)	38 40 36	1 059 1 079 1 039	1 675	726	4 910	800	1080				4 265 4 480	4 730 4 965	5 265 5 525	5 800 6 090	6 405 6 725	6 900 7 245		65 50
										3 610	4 150	4 670	5 180	5 765	6 350	7 015	7 500		40
										3 790	4 360	4 905	5 440	6 055	6 670	7 365	7 935		30
										3 905	4 490	5 055	5 605	6 235	6 875	7 590	8 175		25
										4 055	4 660	5 250	5 815	6 475	7 135	7 880	8 485		20
										4 615	5 305	5 975	6 620	7 370	8 120	8 965	9 960		10
										5 275	6 065	6 825	7 565	8 420	9 280	10 250	12 420	10 350 11 730	10 cyclic
750/65 R 26	166 D (169 A8)	DW 23 B DW 25 B	738 758	1 620	720	4 800	750	600				3 605 3 785	3 895 4 090	4 155 4 360	4 375 4 595	4 875 5 120	5 300 5 565		65 50
										3 200	3 595	3 950	4 265	4 545	4 750	5 340	5 800		40
										3 360	3 775	4 150	4 480	4 775	5 030	5 605	6 095		30
									3 535	4 090	4 595	5 050	5 455	5 815	6 125	6 825	7 420	7 950	10
1250/50 R 32 *	188 A8 (185 B)	44.00	1 230	2 040	910	6 030	975	1500				5 655 6 210	6 265 6 885	6 960 7 650	7 750 8 500	7 750 9 340	7 750 10 000		50 40
										5 565	5 515	6 645	7 265	8 185	9 095	9 995	10 700		30
										6 175	6 125	6 895	7 640	8 490	9 435	10 370	11 100		25
										6 840	6 785	7 640	8 470	9 410	10 455	11 490	12 300		20
										7 230	7 170	8 075	8 950	9 945	11 050	12 145	13 000		10
										8 900	8 825	9 940	11 015	12 240	13 600	14 945	16 000		10 cyclic
												2 795 2 935	3 055 3 210	3 355 3 525	3 650 3 835	4 040 4 240	4 375 4 595		65 50
650/60 R 34	159 D (162 A8)	DW 20 B DW 21 B DW 23 B	650 660 680	1 638	740	4 935	775	540				2 645 2 935	3 210 3 345	3 525 3 675	3 835 4 000	4 240 4 420	4 595 5 450		40
										2 430	2 755	3 060	3 345	3 675	4 000	4 420	5 450		30
										2 550	2 895	3 215	3 515	3 860	4 200	4 645	5 030		10
									2 660	3 105	3 525	3 915	4 280	4 700	5 110	5 655	6 125	6 565	
710/60 R 34	164 D (167 A8)	DW 23 B	700	1 700	770	5 060	825	660				3 205 3 365	3 505 3 680	3 820 4 010	4 125 4 300	4 625 4 855	5 000 5 250		65 50
										2 785	3 160	3 510	3 835	4 185	4 500	5 060	5 450		40
										2 925	3 320	3 685	4 030	4 395	4 745	5 315	5 750		30
									3 050	3 560	4 040	4 490	4 905	5 350	5 775	6 470	7 000	7 500	10
580/85 R 42	163 D (166 A8)	W 18 L DW 20 B DW 21 B	567 587 597	2 045	920	6 100	975	645				3 605 3 785	2 945 4 140	4 405 4 630	4 875 5 120				65 50
										3 125	3 550	3 950	4 320	4 825	5 300				40
										3 285	3 730	4 145	4 535	5 070	5 605				30
									3 420	3 995	4 540	5 050	5 520	6 170	6 825	7 315			10

SFT



SuperFlexionTyres technical data and load capacities

Tyre size	Service description LI/SS	Rim (permitted)	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed radius index	Water 75% (l)	Tyre load capacity (kg) at tyre pressure (bar)										Speed (km/h)
									0.4	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	
900/60 R 42	180 D (183 A8)	DW 27 B DW 30 B	860 890	2 150	970	6 440	1025	1320			4 815	6 350	5 565	6 135	6 700	7 370	8 000		65
										4 425	5 020	5 575	6 095	6 720	7 335	8 070	8 400		50
										4 645	5 270	5 855	6 400	7 055	7 705	8 475	8 750		40
									4 840	5 655	6 420	7 130	7 790	8 590	9 380	10 315	11 200	12 000	30
710/65 R 46	174 D (177 A8)	DW 23 B DW 25 B	716 736	2 070	940	6 160	1025	925			4 045	4 445	4 575	4 880	5 150	5 695	6 150	6 700	65
										3 755	4 220	4 640	4 805	5 125	5 410	5 980	6 460	7 035	50
										3 945	4 430	4 870	5 260	5 615	5 925	6 550	7 075	7 705	40
									4 150	4 800	5 395	5 930	6 405	6 835	7 210	7 970	8 610	9 380	30
																			10

* in preparation

Load values given for 0.4 bar and load values for 0.6 bar at 40 km/h are for calculating dual and triple load values only.
 30 km/h (up to 40 km/h) load values also apply for low-speed high-torque field work.
 For plowing with single driven tyres in the furrow, a minimum inflation pressure of 0.8 bar is required.
 For intensive road transport at 65/50/40/30 km/h the pressure must be increased by 0.4 bar. Maximum inflation pressure should never be exceeded.
 All load values are valid for ground slopes up to and including 20% (11°). When operating on slopes greater than 20%, please contact the producer.
 Load-pressure data for cyclic applications apply to low-torque transport operations at max. speeds of 10 km/h and for a max. distance of 800 meters before discharging the load and returning empty.
 By cyclic applications is meant harvester's motion with full grain tank till its discharging.
 Tubeless tyres – may be used with a tube.

NEW

AC 70 T – wide traction tyre for heavy field work



> **Traction** – Deep lugs provide greater traction in the field.



> **Self-cleaning** – Outstanding self-cleaning between lugs reduces slip and improves pulling power.



> **Economy** – Tremendous durability and outstanding traction make this tyre very economical.



> **Versatility** – Also suitable for tractors used in wine cultivation and fruit growing.



AC 70 T

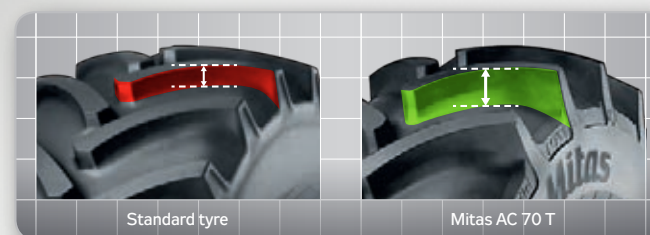
TRACTION	
SOIL PROTECTION	
HANDING ON ROAD	
LOAD CAPACITY	
COST EFFICIENCY	

kW	22	44	66	88	110	132	150	162	184	>220
hp	30	60	90	120	150	180	200	220	250	>300

AC 70 T vs. standard 70 series tyres

Deep high-grip lugs transmit traction, even on wet ground.

DEEP TREAD LUGS



Standard tyre

Mitas AC 70 T



AC 70 T



AC 70 T technical data and load capacities

Tyre size	Service description LI/SS	Rim (permitted)	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed radius index	Water 75% (l)	Tyre load capacity (kg) at tyre pressure (bar)									Speed (km/h)
									0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	3.0	
200/70 R 16	94 A8 (94 B)	W 6 W 8 W 7	198 218 208	691	311	2 050	330	35			410	445	480	510	565	670		50
											410	445	480	510	565	670		40
									355	375	440	480	510	545	605	715		30
									435	485	535	580	625	660	735	870	1 005	10
240/70 R 16	104 A8 (104 B)	W 8 W 9 W 7	244 254 234	737	331	2 192	350	40			545	590	630	670	745	900		50
											545	590	630	670	745	900		40
									470	495	580	630	675	720	795	965		30
									570	640	705	765	820	870	965	1 170	1 350	10
260/70 R 16	109 A8 (109 B)	W 8 W 9	261 271	770	345	2 290	360	45			615	665	715	760	840	1 030		50
											615	665	715	760	840	1 030		40
									530	560	660	710	765	810	900	1 100		30
									645	725	800	865	930	985	1 095	1 340	1 545	10
280/70 R 16	112 A8 (112 B)	W 9 W 10 W 8	285 295 275	798	358	2 390	390	50			690	750	800	850	940	1 120		50
											690	750	800	850	940	1 120		40
									600	625	740	800	860	910	1 010	1 200		30
									720	815	900	970	1 040	1 110	1 230	1 460	1 680	10
280/70 R 18	114 A8 (114 B)	W 9 W 10 W 8	280 290 270	852	383	2 545	410	55			725	790	845	900	995	1 180		50
											725	790	845	900	995	1 180		40
									630	660	775	845	905	960	1 065	1 265		30
									765	860	945	1 025	1 100	1 165	1 295	1 535	1 770	10
280/70 R 20	116 A8 (116 B)	W 9 W 10 W 8	276 286 266	906	411	2 725	425	60			765	830	890	945	1 045	1 250		50
											765	830	890	945	1 045	1 250		40
									660	695	815	885	950	1 010	1 120	1 340		30
									805	900	995	1 075	1 155	1 230	1 360	1 625	1 875	10
300/70 R 20	110 A8 (110 B)	W 9 W 10	290 300	942	428	2 825	450	70			850	920	985	1 060				50
											850	920	985	1 060				40
									735	825	910	985	1 055	1 135				30
									890	1 000	1 105	1 200	1 280	1 380	1 590			10
320/70 R 20	113 A8 (113 B)	W 10 W 11 W 9	320 330 310	972	441	2 916	475	80			935	1 015	1 090	1 150				50
											935	1 015	1 090	1 150				40
									810	850	1 000	1 090	1 165	1 230				30
									985	1 105	1 220	1 320	1 420	1 495	1 725			10
360/70 R 20	120 A8 (120 B)	W 11 W 12 W 10	360 370 350	1 040	461	3 083	500	115			1 125	1 220	1 305	1 400				50
											1 125	1 220	1 305	1 400				40
									975	1 020	1 200	1 305	1 400	1 500				30
									1 180	1 330	1 460	1 585	1 700	1 820	2 100			10

AC 70 T



AC 70 T technical data and load capacities

Tyre size	Service description LI/SS	Rim (permitted)	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed radius index	Water 75% (l)	Tyre load capacity (kg) at tyre pressure (bar)									Speed (km/h)
									0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	3.0	
380/70 R 20	122 A8 (122 B)	W 12 W 13 W 11	383 393 373	1 074	478	3 195	525	120			1 220	1 325	1 420	1 500				50
											1 220	1 325	1 420	1 500				40
											1 310	1 420	1 520	1 605				30
									1 060 1 285	1 110 1 445	1 590	1 725	1 850	1 950	2 250			10
320/70 R 24	116 A8 (116 B)	W 10 W 11 W 9	320 330 310	1 095	505	3 276	525	100			1 020	1 110	1 190	1 250				50
											1 020	1 110	1 190	1 250				40
											1 095	1 185	1 270	1 340				30
									885 1 075	930 1 210	1 330	1 440	1 545	1 625	1 875			10
360/70 R 24	122 A8 (122 B)	W 11 W 12 W 10	360 370 350	1 150	516	3 426	550	125			1 220	1 325	1 420	1 500				50
											1 220	1 325	1 420	1 500				40
											1 305	1 415	1 520	1 605				30
									1 055 1 285	1 110 1 440	1 590	1 720	1 850	1 950	2 250			10
380/70 R 24	125 A8 (125 B)	W 12 W 13 W 11	387 397 377	1 187	538	3 508	575	145			1 330	1 440	1 540	1 650				50
											1 330	1 440	1 540	1 650				40
											1 420	1 540	1 650	1 765				30
									1 150 1 395	1 205 1 570	1 725	1 870	2 010	2 145	2 475			10
420/70 R 24	130 A8 (130 B)	W 13 W 14 L W 12	433 443 423	1 260	563	3 715	600	170			1 550	1 680	1 800	1 900				50
											1 550	1 680	1 800	1 900				40
											1 660	1 800	1 930	2 030				30
									1 340 1 630	1 410 1 830	2 015	2 180	2 340	2 470	2 850			10
380/70 R 28	127 A8 (127 B)	W 12 W 13 W 11	372 382 362	1 274	585	3 835	625	165			1 430	1 550	1 660	1 750				50
											1 430	1 550	1 660	1 750				40
											1 530	1 660	1 775	1 875				30
									1 235 1 500	1 390 1 690	1 855	2 010	2 160	2 275	2 625			10
420/70 R 28	133 A8 (133 B)	W 13 W 14 L W 12	420 430 410	1 350	609	3 988	650	200			1 660	1 800	1 930	2 060				50
											1 660	1 800	1 930	2 060				40
											1 780	1 930	2 070	2 200				30
									1 440 1 750	1 620 1 965	2 160	2 345	2 515	2 680	3 090			10
480/70 R 28	140 A8 (140 B)	W 15 L W 16 L W 14 L	480 490 470	1 415	630	4 206	675	260			2 040	2 215	2 375	2 500				50
											2 040	2 215	2 375	2 500				40
											2 185	2 370	2 540	2 680				30
									1 770 2 150	1 985 2 410	2 655	2 880	3 090	3 250	3 750			10
420/70 R 30	134 A8 (134 B)	W 13 W 14 L W 12	423 433 413	1 395	635	4 184	675	225			1 720	1 865	2 000	2 120				50
											1 720	1 865	2 000	2 120				40
											1 840	1 995	2 140	2 270				30
									1 490 1 810	1 670 2 030	2 235	2 420	2 600	2 760	3 180			10

AC 70 T



AC 70 T technical data and load capacities

Tyre size	Service description LI/SS	Rim (permitted)	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed radius index	Water 75% (l)	Tyre load capacity (kg) at tyre pressure (bar)									Speed (km/h)
									0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	3.0	
480/70 R 30	141 A8 (141 B)	W 15 L W 16 L W 14 L	496 506 486	1 477	667	4 435	700	275			2 060	2 240	2 420	2 575				50
											2 060	2 240	2 420	2 575				40
									1 820	1 880	2 200	2 400	2 590	2 760				30
									2 220	2 450	2 680	2 910	3 150	3 350	3 860			10
480/70 R 34	143 A8 (143 B)	W 15 L W 16 L W 14 L	490 500 480	1 575	710	4 686	750	310			2 235	2 425	2 600	2 725				50
											2 235	2 425	2 600	2 725				40
									1 935	2 030	2 390	2 595	2 780	2 915				30
									2 350	2 640	2 905	3 150	3 380	3 545	4 090			10
520/70 R 34	148 A8 (148 B)	W 16 L W 18 L W 15 L	530 550 520	1 634	730	4 900	775	335			2 525	2 740	2 935	3 150				50
											2 525	2 740	2 935	3 150				40
									2 185	2 295	2 700	2 930	3 140	3 370				30
									2 655	2 980	3 285	3 560	3 820	4 095	4 725			10
480/70 R 38	145 A8 (145 B)	W 15 L W 16 L W 14 L	487 497 477	1 687	767	5 065	800	340			2 360	2 560	2 745	2 900				50
											2 360	2 560	2 745	2 900				40
									2 045	2 145	2 525	2 740	2 935	3 100				30
									2 480	2 790	3 070	3 330	3 570	3 770	4 350			10
520/70 R 38	150 A8 (150 B)	W 16 L W 18 L W 15 L	517 537 507	1 752	788	5 187	825	395			2 600	2 830	3 060	3 350				50
											2 600	2 830	3 060	3 350				40
									2 300	2 380	2 780	3 030	3 270	3 590				30
									2 800	3 090	3 380	3 680	3 980	4 360	5 030			10
580/70 R 38	155 A8 (155 B)	W 18 L	570	1 829	819	5 442	875	550			3 145	3 410	3 655	3 875				50
											3 145	3 410	3 655	3 875				40
									2 720	2 855	3 365	3 650	3 915	4 145				30
									3 310	3 715	4 090	4 435	4 755	5 040	5 815			10

Load values given for 0.4 bar and load values for 0.6 bar at 40 km/h are for calculating dual and triple load values only.

30 km/h (up to 40 km/h) load values also apply for low-speed high-torque field work.

For plowing with single driven tyres in the furrow, a minimum inflation pressure of 0.8 bar is required.

For intensive road transport at 65/50/40/30 km/h the pressure must be increased by 0.4 bar. Maximum inflation pressure should never be exceeded.

All load values are valid for ground slopes up to and including 20% (11°). When operating on slopes greater than 20%, please contact the producer.

Tubeless tyres – may be used with a tube.

AC 85 and AC 90 Row Crop – narrow tyres developed specially for row cultivation



> **Reduced tyre width** eases driving between plants without causing damage contributing to higher yields. Rounded shoulders and lugs and tyre height also protect seeds and crops.



> **Cost efficient** thanks to high load capacity, safe road use and maximum speed up to 50 km/h.



> **Deep lugs** provide excellent traction, better directional stability and a high level of control.



> **Good self-cleaning properties** help keep the tread pattern free of mud, resulting in less slip, even in difficult conditions.

AC 85 / AC 90 vs. standard size tyres

Narrow Row Crop tyres were specially developed for driving between rows without damaging the seeds, roots and plants. They are suitable for line weeding, crop cultivation, fertilising, spraying and other agricultural activities.

Reduced tyre width

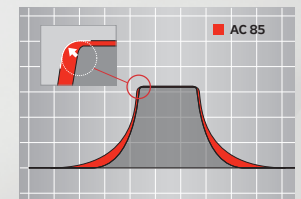


Tractor fitted with Mitas Row Crop Tyres



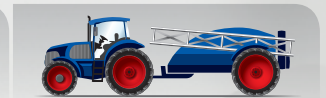
Tractor fitted with standard size tyres

Rounded lugs



Applications

Designed for tractors, sprayers, self-propelled sprayers and other agricultural machinery



AC 85

TRACTION	
CROP PROTECTION	
SELF-CLEANING	



AC 90

TRACTION	
CROP PROTECTION	
SELF-CLEANING	



AC 85 AC 90



AC 85, AC 90 technical data and load capacities

Tyre size	Service description LI/SS	Tread pattern Type	Rim (permitted)	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed radius index	Water 75% (l)		Tyre load capacity (kg) at tyre pressure (bar)								Speed (km/h)		
											1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0		4.4	
270/80 R 32 repl. 9.5–32	131 A8 (128 B)	AC 90 TL	W 9 W 10 W 8	270 280 260	1 225	563	3 690	600	100			1 150	1 265	1 345	1 470	1 585	1 685	1 800		50	
											1 035	1 265	1 390	1 480	1 620	1 740	1 855	1 950		40	
											1 110	1 355	1 485	1 585	1 730	1 865	1 985	2 085		30	
											1 275	1 555	1 710	1 820	1 990	2 145	2 280	2 400		20	
											1 450	1 770	1 945	2 070	2 265	2 440	2 595	2 730		2 845	10
											1 555	1 900	2 085	2 220	2 425	2 615	2 780	2 925		3 050	10 cyclic
270/95 R 32 *	136 A8 (136 B)	AC 85 TL	W 9 W 10 W 8	290 300 280	1 349	619	4 054	625	115			1 450	1 600	1 700	1 865	2 010	2 145	2 240		50	
											1 190	1 450	1 600	1 700	1 865	2 010	2 145	2 240		40	
											1 275	1 550	1 710	1 820	1 995	2 155	2 295	2 395		30	
											1 465	1 785	1 965	2 090	2 295	2 475	2 640	2 755		20	
											1 670	2 030	2 235	2 380	2 610	2 815	3 005	3 135		3 310	10
											1 785	2 175	2 395	2 550	2 795	3 020	3 215	3 360		3 545	10 cyclic
320/85 R 32 repl. 12.4 R 32	142 A8 (142 B)	AC 85 TL	W 10 W 11 W 9	309 319 299	1 365	625	4 110	650	140			1 710	1 880	2 000	2 190	2 360	2 515	2 650		50	
											1 400	1 710	1 880	2 000	2 190	2 360	2 515	2 650		40	
											1 500	1 830	2 010	2 140	2 345	2 530	2 690	2 835		30	
											1 725	2 105	2 310	2 460	2 695	2 905	3 095	3 260		20	
											1 960	2 395	2 630	2 800	3 065	3 305	3 520	3 710		3 875	10
											2 100	2 570	2 820	3 000	3 285	3 545	3 775	3 975		4 150	10 cyclic
320/90 R 32	134 A8 (134 B)	AC 85 TL	W 10 W 11 W 9	331 341 321	1 391	638	4 190	675	130			1 795	1 990	2 120	3.0 bar					50	
											1 575	1 795	1 990	2 120						40	
											1 690	1 920	2 130	2 270						30	
											1 935	2 205	2 445	2 605						3.0 bar	20
											2 050	2 335	2 590	2 760						3 180	10
											2 195	2 500	2 770	2 955						3 400	10 cyclic
320/85 R 34 repl. 12.4 R 34	133 A8 (133 B)	AC 85 TL	W 10 W 11 W 9	326 336 316	1 430	650	4 285	675	155			1 750	1 935	2 060	3.0 bar					50	
											1 445	1 750	1 935	2 060						40	
											1 545	1 875	2 070	2 205						20	
											1 775	2 155	2 380	2 535						3.0 bar	10
											2 020	2 450	2 710	2 885						3 090	10 cyclic
											2 165	2 625	2 905	3 090						3 305	
270/80 R 36	134 A8 (131 B)	AC 90 TL	W 9 W 10 W 8	270 280 260	1 345	623	4 015	650	115			1 225	1 345	1 435	1 575	1 705	1 825	1 950		50	
											1 105	1 350	1 480	1 575	1 730	1 875	2 005	2 120		40	
											1 180	1 440	1 580	1 685	1 850	2 005	2 145	2 270		30	
											1 355	1 660	1 820	1 940	2 130	2 305	2 465	2 610		20	
											1 545	1 885	2 070	2 205	2 425	2 625	2 805	2 970		3 115	10
											1 655	2 020	2 220	2 365	2 595	2 810	3 005	3 180		3 335	10 cyclic
320/85 R 38 repl. 12.4 R 38	143 A8 (143 B)	AC 85 TL	W 10 W 11 W 9	322 332 312	1 518	701	4 580	725	205			1 850	2 050	2 180	2 395	2 585	2 725		50		
											1 530	1 850	2 050	2 180	2 395	2 585	2 725		40		
											1 635	1 980	2 195	2 335	2 560	2 765	2 915			30	
											1 880	2 275	2 520	2 680	2 945	3 175	3 350			20	
											2 140	2 590	2 870	3 050	3 350	3 715	3 815		4 065	10	
											2 445	2 960	3 280	3 490	3 590	4 135	4 360		4 645	10 cyclic	

AC 85 AC 90



AC 85, AC 90 technical data and load capacities

Tyre size	Service description LI/SS	Tread pattern Type	Rim (permitted)	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed radius index	Water 75% (l)		Tyre load capacity (kg) at tyre pressure (bar)								Speed (km/h)						
											1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0		4.4					
340/85 R 38 repl. 13.6 R 38	148 A8 (148 B)	AC 85 TL	W 11 W 12	355 365	1 562	719	4 685	725	215			2 060	2 230	2 360	2 620	2 825	3 010	3 150		50					
											1 795	2 060	2 230	2 360	2 620	2 825	3 010	3 150		40					
											1 920	2 205	2 385	2 525	2 800	3 025	3 225	3 370		30					
											2 205	2 535	2 745	2 905	3 220	3 475	3 705	3 875		20					
											2 515	2 885	3 125	3 305	3 665	3 955	4 215	4 410		4 650	10				
											2 695	3 090	3 345	3 540	3 930	4 240	4 520	4 725		4 980	10 cyclic				
380/95 R 38	147 D (150 A8)	AC 85 TL	W 12 W 11 W 13	380 370 390	1 680	770	5 050	800	280		2 170	2 650	2 900	3 075	3.0 bar					65					
											2 280	2 785	3 045	3 230						50					
											2 375	2 900	3 175	3 350						40					
											2 495	3 050	3 335	3 535						30					
											3 035	3 710	4 060	4 305						4 615	10				
											3 245	3 970	4 345	4 605						4 940	10 cyclic				
300/85 R 42	144 A8 (141 B)	AC 90 TL	W 9 W 10 W 11	288 298 308	1 574	740	4 715	750	140			1 630	1 790	1 905	2 090	2 260	2 410	2 575		50					
											1 465	1 790	1 965	2 095	2 300	2 485	2 650	2 800		40					
											1 570	1 920	2 105	2 240	2 460	2 655	2 835	2 995		30					
											1 805	2 205	2 420	2 575	2 825	3 055	3 260	3 445		20					
											2 055	2 510	2 755	2 935	3 215	3 470	3 695	3 920		4 105	10				
											2 200	2 690	2 950	3 145	3 445	3 725	3 975	4 200		4 395	10 cyclic				
300/95 R 42	147 A8 (144 B)	AC 90 TL	W 9 W 10 W 11	296 306 316	1 617	753	4 904	775	185			1 785	1 955	2 085	2 290	2 475	2 645	2 800		50					
											1 605	1 960	2 150	2 290	2 515	2 720	2 905	3 075		40					
											1 715	2 095	2 300	2 450	2 690	2 910	3 110	3 290		30					
											1 970	2 410	2 645	2 815	3 095	3 345	3 575	3 780		20					
											2 245	2 745	3 010	3 205	3 520	3 810	4 070	4 305		4 515	10				
											2 405	2 940	3 225	3 425	3 770	4 080	4 360	4 615		4 835	10 cyclic				
300/95 R 46	148 A8 (148 B)	AC 85 TL	W 9 W 10 W 11	295 305 315	1 725	806	5 245	825	215			2 055	2 255	2 405	2 635	2 840	3 030	3 150		50					
											1 685	2 055	2 255	2 405	2 635	2 840	3 030	3 150		40					
											1 800	2 200	2 415	2 570	2 820	3 040	3 240	3 370		30					
											2 070	2 530	2 775	2 955	3 240	3 495	3 725	3 875		20					
											2 355	2 880	3 160	3 365	3 685	3 980	4 240	4 410		4 675	10				
											2 525	3 085	3 385	3 605	3 950	4 265	4 545	4 725		5 010	10 cyclic				
380/90 R 46	149 A8 (149 B)	AC 85 TL	W 12 W 13 W 11	392 402 382	1 844	846	5 542	875	330		2 280	2 790	3 060	3 250	3.0 bar					50					
											2 280	2 790	3 060	3 250						3 580	2 870	4 135	4 375	40	
											2 440	2 985	3 275	3 480						3 830	4 145	4 425	4 680	30	
											2 805	3 430	3 765	4 000						4 405	4 760	5 090	5 380	20	
											3 195	3 905	4 285	4 550						5 010	5 420	5 790	6 125	6 420	10
											3 425	4 185	4 590	4 875						5 370	5 810	6 205	6 565	6 880	10 cyclic
380/90 R 46	159 A8 (159 B)	AC 85 TL	W 12 W 13 W 11	392 402 382	1 844	846	5 542	875	330			2 790	3 060	3 250	3 580	2 870	4 135	4 375		50					
											2 280	2 790	3 060	3 250	3 580	2 870	4 135	4 375		40					
											2 440	2 985	3 275	3 480	3 830	4 145	4 425	4 680		30					
											2 805	3 430	3 765	4 000	4 405	4 760	5 090	5 380		20					
											3 195	3 905	4 285	4 550	5 010	5 420	5 790	6 125		6 420	10				
											3 425	4 185	4 590	4 875	5 370	5 810	6 205	6 565		6 880	10 cyclic				

AC 85 AC 90



AC 85, AC 90 technical data and load capacities

Tyre size	Service description LI/SS	Tread pattern Type	Rim (permitted)	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed radius index	Water 75% (l)		Tyre load capacity (kg) at tyre pressure (bar)								Speed (km/h)					
											1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0		4.4				
270/95 R 48	144 A8 (141 B)	AC 90 TL	W 9 W 10 W 8	277 287 267	1 737	810	5 220	825	150			1 645	1 805	1 920	2 105	2 270	2 415	2 575	4 095 4 390	50				
											1 475	1 805	1 980	2 110	2 310	2 495	2 655	2 800		40				
											1 580	1 930	2 120	2 260	2 475	2 665	2 840	2 995		30				
											1 815	2 220	2 435	2 595	2 840	3 065	3 245	3 445		20				
											2 070	2 525	2 775	2 955	3 235	3 490	3 720	3 920		10				
											2 215	2 710	2 970	3 165	3 465	3 740	3 985	4 200		10 cyclic				
340/85 R 48	152 A8 (152 B)	AC 85 TL	W 11 W 12	348 358	1 825	843	5 481	875	230			2 315	2 540	2 705	2 960	3 195	3 405	3 550	5 175 5 545	50				
											1 890	2 315	2 540	2 705	2 955	3 180	3 375	3 550		40				
											2 025	2 475	2 715	2 890	3 160	3 400	3 615	3 800		30				
											2 325	2 845	3 120	3 325	3 635	3 910	4 155	4 365		20				
											2 650	3 240	3 555	3 785	4 135	4 450	4 730	4 970		10				
											2 840	3 470	3 805	4 055	4 430	4 765	5 065	5 325		10 cyclic				
320/90 R 50	150 A8 (150 B)	AC 85 TL	W 10 W 11 W 9	315 325 305	1 870	873	5 680	875	245			2 265	2 485	2 650	2 900	3 130	3 350	4 925 5 275	50					
											1 855	2 265	2 485	2 650	2 900	3 130	3 350		3 585	40				
											1 980	2 425	2 660	2 830	3 105	3 350	3 585		3 800	30				
											2 280	2 785	3 055	3 255	3 565	3 850	4 120		4 365	20				
											2 595	3 170	3 480	3 705	4 060	4 380	4 690		4 970	10				
											2 780	3 395	3 730	3 970	4 350	4 695	5 025		5 325	10 cyclic				
380/90 R 50 repl. 14.9 R 50	151 A8 (151 B)	AC 85 TL	W 12 W 13 W 11	380 390 370	1 949	888	5 850	925	360		2 385	2 900	3 215	3 450	3.0 bar					50				
											2 385	2 900	3 215	3 450						40				
											2 550	3 105	3 440	3 690						30				
											2 935	3 565	3 955	4 245						4 590	4 950	5 275	5 535	20
											3 335	4 060	4 505	4 830						5 175				10
											3 570	4 345	4 820	5 170						5 535				10 cyclic
380/90 R 50 repl. 14.9 R 50	160 A8 (160 B)	AC 85 TL	W 12 W 13 W 11	380 390 370	1 949	888	5 850	925	360		2 385	2 900	3 215	3 450	3 730	4 025	4 290	4 500	6 620 7 095	50				
											2 385	2 900	3 215	3 450	3 730	4 025	4 290	4 500		40				
											2 550	3 105	3 440	3 690	3 990	4 305	4 590	4 815		30				
											2 930	3 565	3 955	4 245	4 590	4 950	5 275	5 535		20				
											3 335	4 060	4 505	4 830	5 220	5 635	6 005	6 300		6 620	10			
											3 575	4 350	4 825	5 175	5 595	6 040	6 435	6 750		7 095	10 cyclic			
480/95 R 50	164 D (167 A8)	AC 85 TL	W 16 W 15 W 14	498 488 478	2 135	968	6 450	1 075	650		3 530	4 375	4 715	5 000	3.0 bar					65				
											3 710	4 590	4 955	5 250						50				
											3 865	4 750	5 165	5 450						40				
											4 060	5 030	5 425	5 750						30				
											4 945	6 120	6 605	7 000						7 500				10
											5 290	6 550	7 065	7 490						8 025				10 cyclic
320/90 R 54	151 A8 (151 B)	AC 85 TL	W 10 W 11 W 9	315 325 305	1 948	917	5 940	925	255		1 930	2 360	2 590	2 760	3 025	3 265	3 450	5 135 5 505	50					
											2 070	2 525	2 775	2 955	3 235	3 490	3 690		40					
											2 375	2 905	3 190	3 395	3 720	4 015	4 225		20					
											2 705	3 305	3 630	3 865	4 235	4 570	4 830		5 135	10				
											2 900	3 545	3 890	4 140	4 535	4 895	5 175		5 505	10 cyclic				

* in preparation
30 km/h (up to 40 km/h) load values also apply for low-speed high-torque field work.
For plowing with single driven tyres in a furrow, a minimum inflation pressure of 0.8 bar is required.
For intensive road transport at 50/40/30 km/h the pressure must be increased by 0.4 bar. Maximum inflation pressure should never be exceeded.

All load values are valid for ground slopes up to and including 20% (11°). When operating on slopes greater than 20%, contact the producer.
Load values for cyclic applications apply to low-torque transport operations at max. speeds of 10 km/h and for a max. distance of 800 meters before discharging the load and returning empty.
TL = Tubeless

kW	22	44	66	88	110	132	150	162	184	>220
hp	30	60	90	120	150	180	200	220	250	>300

RD-03 – wide tractor tyre for gentle ground handling and higher load capacity

- > **Reduced soil compaction** thanks to large ground contact area and optimal pressure distribution
- > **Up to 40% higher tension force** compared to standard tyres
- > **High load capacity** due to the wide design and the large volume of air
- > **Outstanding grip and tractive force** ensure less slip and much lower fuel consumption
- > **Maximum speed of 65 km/h** on roads, high driving comfort and easy handling



RD-03

TRACTION	
SOIL PROTECTION	
HANDLING ON ROAD	
COST EFFICIENCY	
LOAD CAPACITY	

RD-03 65 series vs. standard 85 tyres

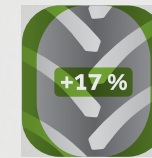
Thanks to their much larger ground contact area and optimal pressure distribution, the new-generation 65 tyres cause significantly less ground compression even when heavy equipment is used, ensuring that any damage to plant roots is minimal.

Ground contact patch

STANDARD

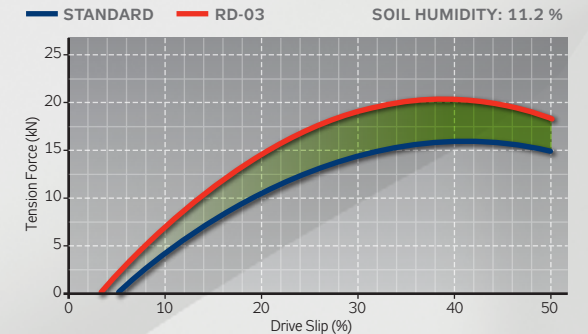


RD-03



Standard: 520/85 R 38; 1.2 bar; 3 400 kg
RD-03: 650/65 R 38; 1.0 bar; 3 400 kg

Tension force of spinning tractor rear wheels



RD-03



RD-03 technical data and load capacities

Tyre size	Service description LI/SS	Rim (permitted)	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed radius index	Water 75% (l)	Tyre load capacity (kg) at tyre pressure (bar)										Speed (km/h)
									0.4	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	3.0	
420/65 R 24	126 D (129 A8)	W 13 L W 12 W 11	420 410 400	1 147	515	3 425	550	165			1 235	1 305	1 425	1 565	1 700				65
										1 130	1 285	1 370	1 495	1 645	1 785				50
										1 190	1 350	1 430	1 560	1 715	1 850				40
										1 240	1 450	1 500	1 640	1 800	1 955				30
											1 645	1 825	1 995	2 190	2 380	2 790			10
440/65 R 24	128 D (131 A8)	W 14 L W 13 W 12	448 438 428	1 190	535	3 560	575	185			1 325	1 400	1 530	1 670	1 800				65
										1 215	1 380	1 470	1 610	1 750	1 890				50
										1 280	1 450	1 535	1 675	1 830	1 950				40
										1 330	1 555	1 610	1 760	1 920	2 070				30
											1 765	1 960	2 145	2 335	2 520	2 955			10
480/65 R 24	133 D (136 A8)	W 15 L W 14 L W 13	485 475 465	1 239	545	3 670	600	210			1 515	1 605	1 755	1 910	2 060				65
										1 395	1 580	1 685	1 840	2 005	2 165				50
										1 465	1 660	1 755	1 920	2 090	2 240				40
										1 525	1 780	1 845	2 015	2 195	2 370				30
											2 020	2 245	2 455	2 675	2 885	3 385			10
540/65 R 24	140 D (143 A8)	W 16 L W 18 L W 15 L	527 547 517	1 300	572	3 839	625	300			1 825	1 930	2 110	2 310	2 500				65
										1 675	1 900	2 025	2 215	2 425	2 625				50
										1 760	1 995	2 115	2 310	2 525	2 725				40
										1 835	2 140	2 220	2 425	2 655	2 875				30
											2 430	2 700	2 950	3 230	3 500	4 105			10
440/65 R 28	131 D (134 A8)	W 14 L W 13 W 12	445 435 425	1 295	588	3 882	625	200			1 425	1 505	1 645	1 800	1 950				65
										1 305	1 485	1 580	1 725	1 890	2 050				50
										1 375	1 560	1 650	1 800	1 970	2 120				40
										1 430	1 670	1 730	1 890	2 070	2 245				30
											1 895	2 110	2 305	2 520	2 730	3 205			10
480/65 R 28	136 D (139 A8)	W 15 L W 14 L W 13	478 468 458	1 345	611	4 034	650	250			1 625	1 720	1 880	2 060	2 240				65
										1 495	1 695	1 805	1 975	2 165	2 350				50
										1 570	1 780	1 885	2 060	2 260	2 430				40
										1 635	1 910	1 980	2 160	2 370	2 575				30
											2 165	2 410	2 630	2 885	3 135	3 680			10
540/65 R 28	142 D (145 A8)	W 16 L W 18 L W 15 L	520 540 510	1 402	622	4 150	675	315			1 950	2 065	2 255	2 455	2 650				65
										1 790	2 035	2 165	2 365	2 580	2 785				50
										1 880	2 135	2 260	2 470	2 690	2 900				40
										1 960	2 290	2 375	2 595	2 825	3 050				30
											2 600	2 890	3 155	3 440	3 710	4 355			10
600/65 R 28	147 D (150 A8)	W 18 L DW 18 L W 16 L	597 597 577	1 475	640	4 340	700	400			2 300	2 430	2 660	2 875	3 075				65
										2 110	2 395	2 555	2 790	3 020	3 230				50
										2 220	2 515	2 665	2 910	3 145	3 350				40
											2 795	2 795	3 055	3 305	3 535				30
										2 310	2 700	3 065	3 405	3 720	4 025	4 305	5 050		10

RD-03



RD-03 technical data and load capacities

Tyre size	Service description LI/SS	Rim (permitted)	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed radius index	Water 75% (l)		Tyre load capacity (kg) at tyre pressure (bar)										Speed (km/h)	
										0.4	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	3.0		
540/65 R 30	150 D (153 A8)	W 16 L W 18 L W 15 L	532 552 522	1 484	667	4 427	700	330		2 020	1 850 1 940 2 020	2 010 2 100 2 205 2 680	2 130	2 325	2 545	2 760	3 080	3 350 3 520 3 650 3 855 4 690	5 500	65	
													2 235	2 440	2 675	2 895	3 235			3 520	50
													2 330	2 545	2 790	3 020	3 375			3 650	40
													2 450	2 675	2 930	3 175	3 545			3 855	30
540/65 R 34	145 D (148 A8)	W 16 L W 18 L W 15 L	523 543 513	1 579	710	4 710	750	360		2 145	2 505	2 130 2 225 2 335 2 845	2 255	2 465	2 690	2 900	4 765			65	
													2 370	2 590	2 820	3 045					50
													2 470	2 700	2 945	3 150					40
													2 595	2 835	3 090	3 335					30
600/65 R 34	151 D (154 A8)	W 18 L DW 18 L W 16 L	587 587 570	1 632	725	4 850	775	465		2 520	2 945	2 505 2 615 2 745 3 340	2 650	2 900	3 180	3 450	5 665			65	
													2 785	3 045	3 335	3 625					50
													2 905	3 175	3 480	3 780					40
													3 050	3 330	3 655	3 970					30
540/65 R 38	147 D (150 A8)	W 16 L W 18 L W 15 L	522 542 512	1 681	752	5 003	800	420		2 260	2 640	2 250 2 065 2 170 3 000	2 380	2 600	2 845	3 075	5 050			65	
													2 500	2 730	2 985	3 230					50
													2 605	2 850	3 115	3 350					40
													2 765	2 990	3 270	3 535					30
600/65 R 38	153 D (156 A8)	W 18 L DW 18 L W 16 L	588 588 568	1 742	781	5 212	825	500		2 655	3 100	2 640 2 425 2 545 3 100	2 795	3 050	3 355	3 650	5 995			65	
													2 935	3 205	3 525	3 835					50
													3 060	3 340	3 675	4 000					40
													3 210	3 510	3 860	4 200					30
650/65 R 38	157 D (160 A8)	W 18 L DW 20 B	626 646	1 829	809	5 410	875	630		3 000	3 505	2 985 3 110 2 880 3 980	3 155	3 450	3 790	4 125	6 775			65	
													3 315	3 625	3 980	4 330					50
													3 455	3 780	4 150	4 500					40
													3 630	3 970	4 360	4 745					30
710/70 R 38	166 D (169 A8)	DW 23 B	703	1 922	848	5 693	925	800		3 765	4 405	3 755 3 915 3 620 5 005	3 975	4 345	4 825	5 300	8 705			65	
													4 175	4 565	5 065	5 565					50
													4 350	4 760	5 280	5 800					40
													4 570	5 000	5 550	6 095					30
650/65 R 42	165 D (168 A8)	DW 20 B DW 18 L	635 615	1 926	868	5 767	925	650		3 145	3 675	3 125 3 260 3 425 4 170	3 310	3 615	3 960	4 290	4 765	5 150	8 460	65	
													3 475	3 795	4 155	4 505	5 005	5 410		50	
													3 625	3 960	4 335	4 700	5 220	5 600		40	
													3 805	4 160	4 555	4 935	5 480	5 925		30	
													4 635	5 065	5 545	6 005	6 675	7 210		10	

Load values given for 0.4 bar and 0.6 bar at 40 km/h are for calculating dual and triple load values only. 30 km/h (up to 40 km/h) load values also apply for low-speed high-torque field work. For plowing with single driven tyres in a furrow, a minimum inflation pressure of 0.8 bar is required.

For intensive road transport at 65/50/40/30 km/h the pressure must be increased by 0.4 bar. Maximum inflation pressure should never be exceeded. All load values are valid for ground slopes up to and including 20% (11°). When operating on slopes greater than 20%, please contact the producer. Tubeless tyres – may be used with a tube.

kW	22	44	66	88	110	132	162	191	>220
hp	30	60	90	120	150	180	220	260	>300
	■	■	■	■	■	■	■	■	■

RD-02 – Low profile tyres

for high power in the field and comfort on the road

- > **Reduced ground compression** thanks to a larger ground contact area
- > **Excellent transmission of power** due to greater grip and traction
- > **High load capacity** with stable and safe handling on the road
- > **Improved driving comfort** due to flexible sidewalls
- > **Longer service life** coupled with reduced fuel consumption for low operational costs

Ground compression



RD-02

TRACTION	■	■	■	■
SOIL PROTECTION	■	■	■	■
HANDLING ON ROAD	■	■	■	■
LOAD CAPACITY	■	■	■	■

RD-01 – All-round standard

tyres for a wide range of applications



RD-01

TRACTION	■	■	■	■
HANDLING ON ROAD	■	■	■	■
LOAD CAPACITY	■	■	■	■

- > **Balanced combination of features** for various agricultural applications
- > **Very good grip and traction** with much less slip
- > **Long service life** thanks to the wear-resistant tread compound
- > **Large ground contact patch** and lower operating pressure for less soil compaction



RD-02



RD-02 technical data and load capacities

Tyre size	Service description LI/SS	Rim (permitted)	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed radius index	Water 75% (l)	Tyre load capacity (kg) at tyre pressure (bar)							Speed (km/h)
									0.6	0.8	1.0	1.2	1.4	1.6	2.0	
380/70 R 24	125 A8 (125 B)	W 12 W 13 W 11	372 382 362	1 190	530	3 542	575	145			1 330	1 440	1 540	1 650		50
											1 330	1 440	1 540	1 650		40
									1 150	1 205	1 420	1 540	1 650	1 765		30
									1 395	1 290	1 725	1 870	2 010	2 145	2 475	10
380/70 R 28	127 A8 (127 B)	W 12 W 13 W 11	389 399 379	1 298	588	3 866	625	165			1 430	1 550	1 660	1 750		50
											1 430	1 550	1 660	1 750		40
									1 235	1 300	1 530	1 660	1 775	1 875		30
									1 500	1 390	1 855	2 010	2 160	2 275	2 625	10
420/70 R 28	133 A8 (133 B)	W 13 W 14 L W 12	422 432 412	1 342	607	4 015	650	200			1 660	1 800	1 930	2 060		50
											1 660	1 800	1 930	2 060		40
									1 440	1 510	1 780	1 930	2 070	2 200		30
									1 750	1 620	2 160	2 345	2 515	2 680	3 090	10
480/70 R 28	140 A8 (140 B)	W 15 L W 16 L W 14 L	486 496 476	1 414	623	4 190	675	260			2 040	2 215	2 375	2 500		50
											2 040	2 215	2 375	2 500		40
									1 770	1 855	2 185	2 370	2 540	2 680		30
									2 150	1 985	2 655	2 880	3 090	3 250	3 750	10
480/70 R 30	141 A8 (141 B)	W 15 L W 16 L W 14 L	494 504 484	1 479	655	4 390	700	275			2 060	2 240	2 420	2 575		50
											2 060	2 240	2 420	2 575		40
									1 820	1 880	2 200	2 400	2 590	2 760		30
									2 220	2 010	2 680	2 910	3 150	3 350	3 860	10
480/70 R 34	143 A8 (143 B)	W 15 L W 16 L W 14 L	487 497 477	1 584	708	4 710	750	310			2 235	2 425	2 600	2 725		50
											2 235	2 425	2 600	2 725		40
									1 935	2 030	2 390	2 595	2 780	2 915		30
									2 350	2 170	2 905	3 150	3 380	3 545	4 090	10
480/70 R 38	145 A8 (145 B)	W 15 L W 16 L W 14 L	484 494 474	1 687	765	5 060	800	340			2 360	2 560	2 745	2 900		50
											2 360	2 560	2 745	2 900		40
									2 045	2 145	2 525	2 740	2 935	3 100		30
									2 480	2 290	3 070	3 330	3 570	3 770	4 350	10
520/70 R 38	150 A8 (150 B)	W 16 L W 18 L W 15 L	524 544 514	1 761	787	5 238	825	395			2 600	2 830	3 060	3 350		50
											2 600	2 830	3 060	3 350		40
									2 300	2 380	2 780	3 030	3 270	3 590		30
									2 800	2 550	3 380	3 680	3 980	4 360	5 030	10

Load values given for 0.4 bar and 0.6 bar at 40 km/h are for calculating dual and triple load values only.
30 km/h (up to 40 km/h) load values also apply for low-speed high-torque field work.
For plowing with single driven tyres in a furrow, a minimum inflation pressure of 0.8 bar is required.

For intensive road transport at 50/40/30 km/h the pressure must be increased by 0.4 bar. Maximum inflation pressure should never be exceeded.
All load values are valid for ground slopes up to and including 20% (11°). When operating on slopes greater than 20%, please contact the producer.
Tubeless tyres – may be used with a tube.

RD-01



RD-01 technical data and load capacities

Tyre size	Service description LI/SS	Rim (permitted)	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed radius index	Water 75% (l)		Tyre load capacity (kg) at tyre pressure (bar)											Speed (km/h)	
										0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	3.0	4.0	4.4		
280/85 R 24 (11.2 R 24)	115 A8 (112 B)	W 9 W 10	290 300	1 105	498	3 300	525	85				890 980 1 070 1 140 1 220 1 300 1 380 1 460	970 1 070 1 140 1 220 1 300 1 380 1 460 1 540	1 040 1 140 1 220 1 300 1 380 1 460 1 540 1 620	1 120 1 215 1 300 1 380 1 460 1 540 1 620 1 700							50 40 30 10
320/85 R 24 (12.4 R 24)	122 A8 (119 B)	W 11 W 9 W 10	340 320 330	1 152	510	3 420	550	115				1 100 1 205 1 290 1 380 1 470 1 560 1 650 1 740	1 190 1 305 1 400 1 500 1 600 1 700 1 800 1 900	1 275 1 400 1 500 1 600 1 700 1 800 1 900 2 000	1 360 1 500 1 600 1 700 1 800 1 900 2 000 2 100						50 40 30 10	
340/85 R 24 (13.6 R 24)	125 A8 (122 B)	W 12 W 11	365 355	1 186	530	3 530	575	140				1 205 1 325 1 445 1 565 1 685 1 805 1 925 2 045	1 305 1 435 1 555 1 675 1 795 1 915 2 035 2 155	1 400 1 540 1 660 1 780 1 900 2 020 2 140 2 260	1 500 1 650 1 760 1 900 2 020 2 140 2 260 2 380						50 40 30 10	
380/85 R 24 (14.9 R 24)	131 A8 (128 B)	W 12 W 13 W 11	402 412 392	1 245	555	3 700	600	185				1 430 1 575 1 685 1 805 1 925 2 045 2 165 2 285	1 555 1 710 1 830 1 950 2 070 2 190 2 310 2 430	1 665 1 830 1 960 2 080 2 200 2 320 2 440 2 560	1 800 1 950 2 090 2 210 2 330 2 450 2 570 2 690						50 40 30 10	
420/85 R 24 (16.9 R 24)	137 A8 (137 B)	W 15 W 14 W 13	470 460 450	1 318	576	3 895	625	240				1 845 1 845 1 795 2 175 2 395 2 615 2 835 3 055	2 000 2 000 2 140 2 600 2 790 2 970 3 150 3 330	2 145 2 145 2 295 2 790 2 990 3 170 3 350 3 530	2 300 2 300 2 460 2 990 3 190 3 370 3 550 3 730						50 40 30 10	
280/85 R 28 (11.2 R 28)	118 A8 (115 B)	W 9 W 10	288 298	1 190	551	3 582	575	100				965 1 060 1 135 1 255 1 380 1 500 1 620 1 740	1 045 1 150 1 230 1 495 1 605 1 725 1 845 1 965	1 125 1 235 1 320 1 605 1 715 1 835 1 955 2 075	1 215 1 320 1 410 1 715 1 825 1 935 2 045 2 155						50 40 30 10	
320/85 R 28 (12.4 R 28)	124 A8 (121 B)	W 11 W 10 W 9	332 322 312	1 259	562	3 753	600	130				1 180 1 295 1 385 1 530 1 685 1 830 1 975 2 120	1 280 1 405 1 505 1 615 1 830 1 960 2 085 2 210	1 370 1 510 1 615 1 710 1 960 2 080 2 200 2 320	1 450 1 600 1 710 1 825 2 080 2 200 2 320 2 440						50 40 30 10	
340/85 R 28 (13.6 R 28)	127 A8 (124 B)	W 12 W 11	367 357	1 293	580	3 850	625	160				1 295 1 425 1 520 1 680 1 850 2 005 2 155 2 305	1 400 1 540 1 650 1 800 2 005 2 155 2 305 2 455	1 505 1 655 1 770 2 150 2 275 2 400 2 525 2 650	1 600 1 750 1 875 2 275 2 400 2 525 2 650 2 775						50 40 30 10	
380/85 R 28 (14.9 R 28)	133 A8 (130 B)	W 12 W 13 W 11	395 405 385	1 350	596	4 005	650	205				1 535 1 690 1 800 1 995 2 195 2 395 2 595 2 795	1 665 1 830 1 960 2 380 2 550 2 750 2 950 3 150	1 785 1 965 2 100 2 550 2 700 2 850 3 000 3 150	1 900 2 060 2 205 2 680 2 830 2 980 3 130 3 280						50 40 30 10	
420/85 R 28 (16.9 R 28)	139 A8 (136 B)	W 15 W 14 W 13	449 439 429	1 428	635	4 215	675	250				1 790 1 970 2 110 2 325 2 560 2 780 3 000 3 220	1 945 2 135 2 290 2 560 2 780 3 000 3 220 3 440	2 085 2 290 2 450 2 600 2 800 3 000 3 200 3 400	2 240 2 430 2 600 2 800 3 000 3 200 3 400 3 600						50 40 30 10	
380/85 R 30 (14.9 R 30)	135 A8 (135 B)	W 12 W 13 W 11	398 408 388	1 415	635	4 225	675	220				1 740 1 585 1 695 1 835 2 060 2 280 2 500 2 720	1 890 1 740 1 865 2 060 2 280 2 500 2 720 2 940	2 025 2 025 2 170 2 335 2 635 2 835 3 035 3 235	2 180 2 180 2 335 2 635 2 835 3 035 3 235 3 435						50 40 30 10	

RD-01



RD-01 technical data and load capacities

Tyre size	Service description LI/SS	Rim (permitted)	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circum- ference (mm)	Speed radius index	Water 75% (l)		Tyre load capacity (kg) at tyre pressure (bar)											Speed (km/h)	
										0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	3.0	4.0	4.4		
420/85 R 30 (16.9 R 30)	140 A8 (137 B)	W 15 W 14 W 13	444 434 424	1 475	670	4 400	700	270		1 760 2 140	1 845 2 400	1 850 2 030 2 175 2 360 2 530 2 675 2 850	2 005 2 205 2 360 2 530 2 720 2 910 3 100	2 150 2 365 2 530 2 700 2 875 3 075 3 250	2 300 2 500 2 675 2 850 3 025 3 200 3 375	3 750						50 40 30 10
460/85 R 30 (18.4 R 30)	145 A8 (142 B)	W 16 W 15 W 14	490 480 470	1 540	685	4 582	725	340		2 030 2 460	2 130 2 280 2 510 2 760	2 130 2 310 2 340 2 540 2 720 2 910 3 100	2 475 2 720 2 910 3 100 3 290 3 480 3 675	2 650 2 900 3 100 3 290 3 480 3 675 3 875	4 350						50 40 30 10	
320/85 R 32 (12.4 R 32)	142 A8 (142 B)	W 9 W 11 W 10	305 325 315	1 385	637	4 130	650	140			1 150 1 235 1 615	1 280 1 400 1 500 1 665 1 795 1 960	1 555 1 710 1 555 1 665 1 830 2 180	1 710 1 880 1 710 1 880 2 010 2 395	1 880 2 000 2 140 2 280 2 440 2 630	2 000 2 280 2 440 2 630 2 800 2 800	2 280 2 650 2 650 2 835 3 020 3 210	3 875		50 40 30 10		
420/85 R 34 (16.9 R 34)	142 A8 (139 B)	W 15 W 14 W 13	443 433 423	1 571	712	4 715	750	290		1 865 2 265	1 955 2 095 2 545	1 960 2 155 2 305 2 800	2 125 2 335 2 500 3 035	2 280 2 505 2 680 3 255	2 430 2 650 2 835 3 445	3 975					50 40 30 10	
460/85 R 34 (18.4 R 34)	147 A8 (144 B)	W 16 W 15 W 14	488 478 468	1 624	727	4 847	775	380		2 145 2 605	2 250 2 405 2 925	2 250 2 475 2 650 3 220	2 445 2 685 2 875 3 490	2 620 2 880 3 080 3 745	2 800 3 075 3 290 4 000	4 615					50 40 30 10	
340/85 R 36 (13.6 R 36)	132 A8 (129 B)	W 12 W 11	365 355	1 493	682	4 500	725	195		1 395 1 695	1 335 1 465 1 570 1 905	1 465 1 610 1 725 2 095	1 585 1 745 1 865 2 265	1 710 1 880 2 010 2 440	1 850 2 000 2 140 2 600	3 000					50 40 30 10	
340/85 R 38 (13.6 R 38)	133 A8 (133 B)	W 12 W 11	365 355	1 556	701	4 658	750	215		1 430 1 740	1 500 1 605 1 770 1 955	1 655 1 795 1 795 2 150	1 795 1 925 2 060 2 335	1 925 2 060 2 205 2 500	2 060 2 060 2 205 2 680	3 090					50 40 30 10	
420/85 R 38 (16.9 R 38)	144 A8 (141 B)	W 15 W 14 W 13	446 436 426	1 675	764	5 020	800	320		1 965 2 390	2 065 2 210 2 685	2 070 2 270 2 430 2 955	2 240 2 465 2 635 3 205	2 400 2 640 2 830 3 435	2 575 2 800 3 000 3 640	4 200					50 40 30 10	
460/85 R 38 (18.4 R 38)	149 A8 (146 B)	W 16 W 15 W 14	473 463 453	1 735	793	5 230	825	420		2 255 2 745	2 370 2 535 3 080	2 370 2 605 2 790 3 390	2 575 2 830 3 030 3 680	2 760 3 030 3 245 3 945	3 000 3 250 3 480 4 225	4 875					50 40 30 10	
520/85 R 38 (20.8 R 38)	155 A8 (152 B)	W 16 W 18	536 556	1 828	814	5 442	875	530		2 725 3 310	2 860 3 060 3 720	2 865 3 150 3 370 4 090	3 105 3 415 3 655 4 440	3 330 3 660 3 920 4 760	3 550 3 875 4 145 5 040	5 815					50 40 30 10	
520/85 R 42 (20.8 R 42)	162 A8 (162 B)	W 16 W 18	537 557	1 950	891	5 845	925	580		2 860 3 470	2 995 3 205 3 895	3 300 3 530 4 285	3 575 3 825 4 650	3 840 4 100 4 990	4 075 4 360 5 300	4 520 4 835 5 875	4 750 4 750 5 085 7 125				50 40 30 10	

Load values given for 0.4 bar and 0.6 bar at 40 km/h are for calculating dual and triple load values only.
30 km/h (up to 40 km/h) load values also apply for low-speed high-torque field work.
For plowing with single driven tyres in a furrow, a minimum inflation pressure of 0.8 bar is required.

For intensive road transport at 50/40/30 km/h the pressure must be increased by 0.4 bar. Maximum inflation pressure should never be exceeded.
All load values are valid for ground slopes up to and including 20% (11°). When operating on slopes greater than 20%, please contact the producer.
Tubeless tyres – may be used with a tube.

Conversion table

Ø Rim	Standard Inch	Designation mm				Designation mm		Standard Inch	Speed radius index
		85 Series	70 Series	65 Series		VF (Very High Flexion) and Super Flexion	Row Crop		
18"			280/70 R 18 AC 70 T						410
20"	8.3 R 20		280/70 R 20 AC 70 T					8.3 R 20	425
	9.5 R 20		300/70 R 20 AC 70 T					9.5 R 20	450
	11.2 R 20		320/70 R 20 AC 70 T					11.2 R 20	475
	12.4 R 20		360/70 R 20 AC 70 T					12.4 R 20	500
	13.6 R 20		380/70 R 20 AC 70 T					13.6 R 20	525
24"	11.2 R 24	280/85 R 24 RD-01	320/70 R 24 AC 70 T					11.2 R 24	525
	12.4 R 24	320/85 R 24 RD-01	360/70 R 24 AC 70 T	420/65 R 24 RD-03				12.4 R 24	550
	13.6 R 24	340/85 R 24 RD-01	380/70 R 24 AC 70 T/RD-02	440/65 R 24 RD-03				13.6 R 24	575
	14.9 R 24	380/85 R 24 RD-01	420/70 R 24 AC 70 T	480/65 R 24 RD-03			270/80 R 32 AC 90	14.9 R 24	600
	16.9 R 24	420/85 R 24 RD-01		540/65 R 24 RD-03			270/95 R 32 AC 85	16.9 R 24	625
28"	11.2 R 28	280/85 R 28 RD-01						11.2 R 28	575
	12.4 R 28	320/85 R 28 RD-01					270/80 R 32 AC 90	12.4 R 28	600
	13.6 R 28	340/85 R 28 RD-01	380/70 R 28 AC 70 T/RD-02	440/65 R 28 RD-03			270/95 R 32 AC 85	13.6 R 28	625
	14.9 R 28	380/85 R 28 RD-01	420/70 R 28 AC 70 T/RD-02	480/65 R 28 RD-03			320/85 R 32 AC 85 270/80 R 36 AC 90	14.9 R 28	650
	16.9 R 28	420/85 R 28 RD-01	480/70 R 28 AC 70 T/RD-02	540/65 R 28 RD-03			320/90 R 32 AC 85	16.9 R 28	675
30"	14.9 R 30	380/85 R 30 RD-01	480/70 R 28 AC 70 T/RD-02	540/65 R 28 RD-03			320/85 R 34 AC 85	14.9 R 30	675
	16.9 R 30	420/85 R 30 RD-01	480/70 R 30 AC 70 T/RD-02	540/65 R 30 RD-03 600/65 R 28 RD-03				16.9 R 30	700
	18.4 R 30	460/85 R 30 RD-01					320/85 R 38 AC 85	18.4 R 30	725
32"	12.4 R 32	320/85 R 32 AC 85/RD-01						12.4 R 32	650
34"	12.4 R 34	320/85 R 34 AC 85						12.4 R 34	675
	16.9 R 34	420/85 R 34 RD-01	480/70 R 34 AC 70 T/RD-02	540/65 R 34 RD-03	VF 600/70 R 30 HC 2000	340/85 R 38 AC 85		16.9 R 34	750
	18.4 R 34	460/85 R 34 RD-01	520/70 R 34 AC 70 T	600/65 R 34 RD-03	650/60 R 34 SFT	300/95 R 42 AC 90		18.4 R 34	775
36"	13.6 R 36	340/85 R 36 RD-01						13.6 R 36	725
38"	12.4 R 38	320/85 R 38 AC 85							725
	13.6 R 38	340/85 R 38 AC 85/RD-01				750/65 R 26 SFT	300/85 R 42 AC 90	13.6 R 38	750
	16.9 R 38	420/85 R 38 RD-01	480/70 R 38 AC 70 T/RD-02	540/65 R 38 RD-03	1050/50 R 25 SFT VF 380/95 R 38 HC 2000	380/95 R 38 AC 85		16.9 R 38	800
	18.4 R 38	460/85 R 38 RD-01	520/70 R 38 AC 70 T/RD-02	600/65 R 38 RD-03		300/95 R 46 AC 85 270/95 R 48 AC 90		18.4 R 38	825
	20.8 R 38	520/85 R 38 RD-01	580/70 R 38 AC 70 T	650/65 R 38 RD-03	VF 380/90 R 46 HC 1000	380/90 R 46 AC 85 340/85 R 48 AC 85 320/90 R 50 AC 85		20.8 R 38	875
42"	20.8 R 42	520/85 R 42 RD-01	710/70 R 38 RD-03	650/65 R 42 RD-03		380/90 R 50 AC 85 380/90 R 50 RD-05 320/90 R 54 AC 85		20.8 R 42	925
					580/85 R 42 SFT VF 710/70 R 42 HC 2000 1250/50 R 32 SFT				975
					710/65 R 46 SFT 900/60 R 42 SFT				1 025
					VF 480/95 R 50 HC 2000	480/95 R 50 AC 85			1 075

NEW

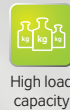
Agriterra 02 and 03 – New generation of fast and powerful agricultural tyres

- > Excellent self-cleaning properties
- > Low noise emissions due to a higher positive footprint share
- > Wide agricultural use: flat trucks, fast-moving agricultural trailers, tank containers etc.



AGRITERRA 02

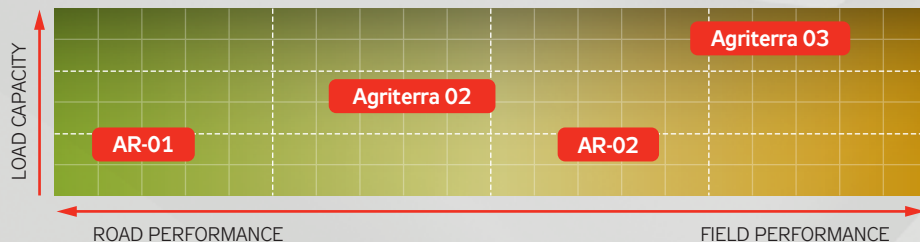
LOAD CAPACITY	■ ■ ■ ■ ■
ROAD PERFORMANCE	■ ■ ■ ■ ■
FIELD PERFORMANCE	■ ■ ■ ■ ■
SELF-CLEANING	■ ■ ■ ■ ■
RESISTANCE	■ ■ ■ ■ ■



AGRITERRA 03

LOAD CAPACITY	■ ■ ■ ■ ■
ROAD PERFORMANCE	■ ■ ■ ■ ■
FIELD PERFORMANCE	■ ■ ■ ■ ■
SELF-CLEANING	■ ■ ■ ■ ■
RESISTANCE	■ ■ ■ ■ ■

Application suitability chart – agricultural radial tyres



AR-01 and AR-02 – Agricultural tyres with high load capacity and working speed

AR-01

- > Approved for high speed up to 80 km/h
- > Reduced fuel consumption
- > Prolonged working life

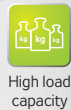
AR-02

- > High-grip thanks to robust lugs
- > Optimal pressure distribution
- > Balanced handling on and off the road



AR-01

LOAD CAPACITY	■ ■ ■ ■ ■
ROAD PERFORMANCE	■ ■ ■ ■ ■
RESISTANCE	■ ■ ■ ■ ■



AR-02

LOAD CAPACITY	■ ■ ■ ■ ■
ROAD PERFORMANCE	■ ■ ■ ■ ■
FIELD PERFORMANCE	■ ■ ■ ■ ■



Agriterra 02 Agriterra 03 AR-02



Agriterra 02, 03, AR-02 technical data and load capacities

Tyre size	Service description LI/SS	Tread pattern Type	Rim (permitted)	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)		Tyre load capacity (kg) at tyre pressure (bar)								Speed (km/h)	
									1.0	1.2	1.6	2.0	2.4	2.8	3.2	3.6		4.0
560/60 R 22.5 IMP	161 D	AR-02 TL	16.00×22.5 (18.00×22.5)	546	1 248	563	3 793		2 065	2 305	2 785	3 265	3 745	3 965	4 185	4 405	4 625	65
									2 499	2 789	3 370	3 951	4 531	4 798	5 064	5 330	5 596	50
									2 808	3 135	3 788	4 440	5 093	5 392	5 692	5 991	6 290	40
									3 118	3 481	4 205	4 930	5 655	5 987	6 319	6 652	6 984	30
									3 717	4 149	5 013	5 877	6 741	7 137	7 533	7 929	8 325	10
600/55 R 26.5 IMP	165 D	AGRITERRA 02 TL	AG 20.00×26.5	626	1 335	585	4 033		2 290	2 560	3 100	3 640	4 180	4 425	4 670	4 910	5 150	65
									2 771	3 098	3 751	4 404	5 058	5 354	5 651	5 941	6 232	50
									3 114	3 482	4 216	4 950	5 685	6 018	6 351	6 678	7 004	40
									3 458	3 866	4 681	5 496	6 312	6 682	7 052	7 414	7 777	30
									4 122	4 608	5 580	6 552	7 524	7 965	8 406	8 838	9 270	10
650/65 R 26.5 IMP *	174 D	AGRITERRA 02 TL	AG 20.00x26.5	645	1 519	650	4 084		2 670	3 000	3 660	4 320	4 980	5 410	5 840	6 270	6 700	65
									3 231	3 630	4 429	5 227	6 026	6 546	7 066	7 587	8 107	50
									3 631	4 080	4 978	5 875	6 773	7 358	7 942	8 527	9 112	40
									4 032	4 530	5 527	6 523	7 520	8 169	8 818	9 468	10 117	30
									4 806	5 400	6 588	7 776	8 964	9 738	10 512	11 286	12 060	10
710/50 R 26.5 IMP	170 D	AGRITERRA 02 TL	AG 24.00x26.5 (AG 20.00x26.5)	737	1 388	628	4 189		2 690	3 000	3 620	4 240	4 860	5 145	5 430	5 715	6 000	65
									3 255	3 630	4 380	5 130	5 881	6 225	6 570	6 915	7 260	50
									3 658	4 080	4 923	5 766	6 610	6 997	7 385	7 772	8 160	40
									4 062	4 530	5 466	6 402	7 339	7 769	8 199	8 630	9 060	30
									4 842	5 400	6 516	7 632	8 748	9 261	9 774	10 287	10 800	10
800/45 R 26.5 IMP *	174 D	AGRITERRA 02 TL	AG 24.00x26.5 (AG 28.00x26.5)	788	1 393	675	4 241		2 670	3 000	3 660	4 320	4 980	5 410	5 840	6 270	6 700	65
									3 231	3 630	4 429	5 227	6 026	6 546	7 066	7 587	8 107	50
									3 631	4 080	4 978	5 875	6 773	7 358	7 942	8 527	9 112	40
									4 032	4 530	5 527	6 523	7 520	8 169	8 818	9 468	10 117	30
									4 806	5 400	6 588	7 776	8 964	9 738	10 512	11 286	12 060	10
650/65 R 30.5 IMP	176 D	AGRITERRA 03 TL	AG 20.00×30.5	705	1 621	728	4 887		3 170	3 540	4 280	5 020	5 760	6 095	6 430	6 765	7 100	65
									3 836	4 283	5 179	6 074	6 970	7 375	7 780	8 186	8 591	50
									4 311	4 814	5 821	6 827	7 834	8 289	8 745	9 200	9 656	40
									4 787	5 345	6 463	7 580	8 698	9 203	9 709	10 215	10 721	30
									5 706	6 372	7 704	9 036	10 368	10 971	11 574	12 177	12 780	10
750/60 R 30.5 IMP *	181 D	AGRITERRA 03 TL	AG 24.00x30.5	754	1 675	800	5 027		3 680	4 110	4 970	5 830	6 690	7 080	7 470	7 860	8 250	65
									4 453	4 973	6 014	7 054	8 095	8 567	9 039	9 511	9 983	50
									5 005	5 590	6 759	7 929	9 098	9 629	10 159	10 690	11 220	40
									5 557	6 206	7 505	8 803	10 102	10 691	11 280	11 869	12 458	30
									6 624	7 398	8 946	10 494	12 042	12 744	13 446	14 148	14 850	10
850/50 R 30.5 IMP *	182 D	AGRITERRA 02 TL	AG 28.00x30.5	862	1 625	775	4 862		3 400	3 820	4 660	5 500	6 340	6 880	7 420	7 960	8 500	65
									4 114	4 622	5 639	6 655	7 671	8 325	8 978	9 632	10 285	50
									4 624	5 195	6 338	7 480	8 622	9 357	10 091	10 826	11 560	40
									5 134	5 768	7 037	8 305	9 573	10 389	11 204	12 020	12 835	30
									6 120	6 876	8 388	9 900	11 412	12 384	13 356	14 328	15 300	10

* In preparation
TL = Tubeless

AR-01



AR-01 technical data and load capacities

Tyre size	Service description LI/SS	Tread pattern Type	Rim (permitted)	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Tyre load capacity (kg) at tyre pressure (bar)											Speed (km/h)
								4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	
385/65 R 22.5 (15 R 22.5)	161 F	AR-01 TL	11.75×22.5	389	1 072	485	3 248			2 600	2 800	3 000	3 200	3 400	3 600	3 850	4 100	4 625	80
										2 795	3 010	3 225	3 440	3 655	3 870	4 140	4 410	4 970	65
										2 910	3 135	3 360	3 585	3 810	4 030	4 310	4 590	5 180	50
										2 990	3 220	3 450	3 680	3 910	4 140	4 430	4 715	5 319	40
										3 250	3 500	3 750	4 000	4 250	4 500	4 815	5 125	5 781	30
445/65 R 22.5 (18 R 22.5)	169 F	AR-01 TL	14.00×22.5	454	1 150	514	3 484			4 680	5 040	5 400	5 760	6 120	6 480	6 930	7 380	8 325	10
								3 200	3 500	3 800	4 100	4 400	4 700	5 000	5 300	5 800			80
								3 440	3 765	4 085	4 410	4 730	5 055	5 375	5 700	6 235			65
								3 585	3 920	4 255	4 590	4 930	5 265	5 600	5 935	6 495			50
								3 680	4 025	4 370	4 715	5 060	5 405	5 750	6 095	6 670			40
								4 000	4 375	4 750	5 125	5 500	5 875	6 250	6 625	7 250			30
								5 760	6 300	6 840	7 380	7 920	8 460	9 000	9 540	10 440			10

Tyre size	Service description LI/SS	Tread pattern Type	Rim (permitted)	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Tyre load capacity (kg) at tyre pressure (bar)										Speed (km/h)
								0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0	5.0	
460/65 R 22.5 IMP	168 A8 (156 A8)	AR-01 TL	14.00 x 22.5 (15.00 x 22.5) (16.00 x 22.5)	450	1 170	550	3 456	1 512	1 966	2 419	2 772	3 226	3 679	3 931	4 334	4 738	5 040	50
								1 680	2 184	2 688	3 080	3 584	4 088	4 368	4 816	5 264	5 600	40
								1 882	2 446	3 011	3 450	4 014	4 579	4 892	5 394	5 896	6 272	30
								2 117	2 752	3 387	3 881	4 516	5 151	5 504	6 068	6 633	7 056	20
								2 352	3 058	3 763	4 312	5 018	5 723	6 115	6 742	7 370	7 840	10

Variation in load capacity with speed dependence

AR-01, AR-02

Speed	0	5	10	15	20	25	30	35	40
Speed category D	+95%	+87%	+75%	+60%	+50%	+40%	+35%	+30%	+24%
Speed category F	+150%	+110%	+80%	+65%	+50%	+35%	+25%	+19%	+15%

Speed	45	50	55	60	65	70	75	80	
Speed category D	+17%	+11%	+7%	+3%	(0)	–	–	–	
Speed category F	+13%	+12%	+11%	+10%	+7.5%	+5%	+2.5%	(0)	

Variation in load capacity with speed dependence

Agriterro 02, Agriterro 03

Speed	0	5	10	15	20	25	30	35	40
Speed category D	+130%	–	+80%	+73%	+65%	+58%	+51%	+44%	+36%

Speed	45	50	55	60	65	70	75	80	
Speed category D	+29%	+21%	+14%	+7%	(0)	–	–	–	

AF-01 and TL-01 – Heavy-duty agroforestry tractor tyres for the toughest conditions

- > **High resistance to puncture** due to reinforced construction and durable tread compound
- > **Great traction** due to specially developed tread pattern
- > **Very good self-cleaning properties** for better grip and less slip
- > **High load capability** and transport properties
- > **Suitable for a wide range of uses in forestry** and for heavy agricultural work



Reinforced construction

AF-01

RESISTANCE	
TRACTION	
SELF-CLEANING	



Steel breaker

TL-01

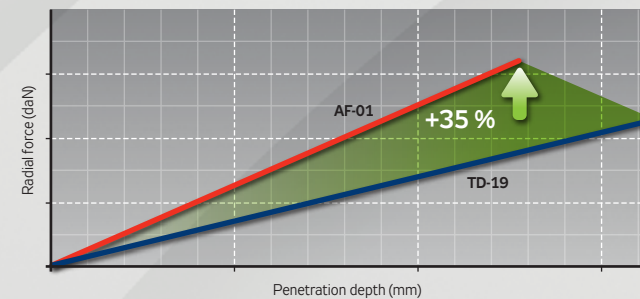
RESISTANCE	
TRACTION	
SELF-CLEANING	



Puncture resistance comparison

Thanks to reinforced construction, the radial force needed to puncture the AF-01 tyre is 35 % higher than in the case of the standard tractor drive tyre Mitas TD-19.

Radial force needed to puncture AF-01 and TD-19



Compared tyres:
Mitas AF-01 460/85–34
(18.4–34) and Mitas
TD-19 18.4–34

AF-01 TL-01



AF-01, TL-01 technical data and load capacities

Tyre size	Service description LI/SS	Tread pattern Type	Rim (permitted)	Tube	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed radius index	Water 75% (l)	Tyre load capacity (kg) at tyre pressure (bar)							Speed (km/h)
											1.0	1.2	1.3	1.8	2.0	2.4	2.8	
380/85-24 (14.9-24)	137 A8 (134 B)	AF-01 TT	W 13 W 11 W 12	14.9-24	377 357 367	1 244	565	3 748	600	150	1 285	1 450	1 750	1 850	1 945	2 120		50
											1 425	1 600	1 950	2 050	2 140	2 300		40
											1 525	1 710	2 085	2 195	2 290	2 460		30
											1 875	2 085	2 505	2 715	2 925	3 170	3 370	10
380/85-28 (14.9-28)	139 A8 (136 B)	AF-01 TT	W 13 W 11 W 12	14.9-28	386 366 376	1 354	612	4 056	650	190	1 385	1 550	1 900	2 005	2 095	2 240		50
											1 510	1 700	2 060	2 170	2 270	2 430		40
											1 615	1 820	2 205	2 325	2 430	2 600		30
											1 980	2 210	2 655	2 875	3 000	3 360	3 585	10
16.9-30	12 PR 143 A6 (135 A8)	TL-01 TT	W 15 L W 14 L	16.9-30	429	1 485	685	4 390	700	240	1 310	1 525	1 850	1 960	2 070	2 180		40
											1 635	1 905	2 315	2 450	2 585	2 725		30
											1 960	2 290	2 780	2 940	3 105	3 270		20
											2 290	2 670	3 240	3 430	3 625	3 815	4 060	10
420/85-34 (16.9-34)	147 A8 (144 B)	AF-01 TT	W 13 W 14 L W 15 L	16.9-34	425 435 445	1 582	719	4 730	750	265	1 775	2 000	2 430	2 550	2 650	2 800		50
											1 940	2 180	2 650	2 785	2 900	3 075		40
											2 075	2 335	2 835	2 980	3 100	3 290		30
											2 550	2 840	3 410	3 695	3 975	4 300	4 555	10
460/85-34 (18.4-34)	152 A8 (149 B)	AF-01 TT	W 15 L W 14 L W 16 L	18.4-34	443 433 453	1 643	749	4 930	775	350	2 020	2 300	2 800	2 940	3 060	3 250		50
											2 225	2 500	3 075	3 225	3 355	3 550		40
											2 380	2 675	3 290	3 450	3 590	3 800		30
											2 925	3 255	3 925	4 265	4 615	4 980	5 270	10

30 km/h (up to 40 km/h) load values also apply for low-speed high-torque field work.

For intensive road transport at 50/40/30 km/h the pressure must be increased by 0.4 bar. Maximum inflation pressure should never be exceeded.

All load values are valid for ground slopes up to and including 20% (11°). When operating on slopes greater than 20%, contact the producer.

TT = Tube Type



TD series – tractor drive diagonal tyres for tractors and other self-propelled agricultural machinery



Great
traction

TD-02

Universal tread pattern with excellent traction for a wide range of applications.



Agricultural +
industrial use

TD-01

Durable traction pattern, also suitable for industrial use.



Very deep
tread lugs

TD-17

Pattern featuring increased tread lug depth giving better traction and less slip in difficult conditions.



Increased
rib center

TD-19

Traction tread pattern with larger rib surface in the central part.



23°
inclined
blocks

TD-05

Unique tread pattern with 23 degree inclined blocks for better traction and self-cleaning properties. The reinforced shoulder prevents side-slipping and helps overall tyre strength.



Classic
design

TD-13

A classic design for tractors, well-tested and proven.

TD Technical data and load capacities



Tyre size	Tread pattern	Type	Rim (permitted)	Tube	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)		Ply rating PR	Service description LI/SS	Tyre load capacity (kg) at speed (km/h)				Tyre pressure (bar)
												10	20	30	40	
8.3-20	TD-13	TT	W 7 (W 6)	8.3-20	211	895	416	2 640		6 PR	104/92 A8	530 660 785 915	465 580 695 810	410 510 610 710	370 460 550 630	0.8 1.2 1.6 2.0
8.3-24	TD-02	TT	W 7 (W 6)	8.3-24/ 9.5-24	211	995	470	2 935		6 PR	100 A6 (93 A8)	855 940 1 030 1 120	730 800 880 960	610 670 735 800	490 540 590 650	1.5 1.8 2.1 2.4
9.5-24	TD-02	TT	W 8 (W 7)	8.3-24/ 9.5-24	241	1 050	495	3 095		8 PR	112 A6 (104 A8)	1 220 1 330 1 465 1 570	1 045 1 140 1 255 1 345	870 950 1 045 1 120	700 760 840 900	1.8 2.1 2.5 2.8
11.2-24	TD-02	TT	W 10 (W 9)	11.2-24	284	1 105	520	3 300		8 PR	116 A6 (108 A8)	1 330 1 485 1 620 1 750	1 140 1 270 1 385 1 500	950 1 060 1 155 1 250	760 850 925 1 000	1.5 1.8 2.1 2.4
11.2-24	TD-19	TT	W 10 (W 9)	11.2-24	284	1 105	520	3 300		8 PR	116 A6 (108 A8)	1 330 1 485 1 620 1 750	1 140 1 270 1 385 1 500	950 1 060 1 155 1 250	760 850 925 1 000	1.5 1.8 2.1 2.4
11.2-24	TD-19	TL	W 10 (W 9)	(11.2-24)	284	1 105	520	3 300		10 PR	119 A8	1 970 2 040	1 450 1 510	1 400 1 460	1 310 1 360	2.8 3.0
12.4-24	TD-02	TT	W 11 (W 9, W 10)	12.4-24	315	1 160	539	3 473		8 PR	120 A6 (112 A8)	1 580 1 700 1 835 1 960	1 355 1 460 1 570 1 680	1 130 1 215 1 310 1 400	905 970 1 050 1 120	1.5 1.7 2.0 2.3
12.4-24	TD-19	TT	W 11 (W 9, W 10)	12.4-24	315	1 160	539	3 473		8 PR	120 A6 (112 A8)	1 580 1 700 1 835 1 960	1 355 1 460 1 570 1 680	1 130 1 215 1 310 1 400	905 970 1 050 1 120	1.5 1.7 2.0 2.3
12.4-24	TD-19	TL	W 11 (W 9, W 10)	(12.4-24)	315	1 160	539	3 473		12 PR	128 A8	2 420 2 520 2 610 2 700	1 790 1 860 1 930 2 000	1 720 1 800 1 860 1 930	1 610 1 680 1 740 1 800	2.9 3.1 3.3 3.5
14.9-24	TD-02	TL	W 13 (W 11, W 12)	(14.9-24)	378	1 265	581	3 795		6 PR	123 A6 (116 A8)	1 795 1 990 2 170	1 535 1 705 1 860	1 280 1 420 1 550	1 025 1 135 1 250	1.0 1.2 1.4
14.9-24	TD-02	TT	W 13 (W 11, W 12)	14.9-24	378	1 265	581	3 795		8 PR	128 A6 (121 A8)	2 345 2 520	2 010 2 160	1 675 1 800	1 340 1 450	1.6 1.8

TD Technical data and load capacities



Tyre size	Tread pattern	Type	Rim (permitted)	Tube	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)		Ply rating PR	Service description LI/SS	Tyre load capacity (kg) at speed (km/h)				Tyre pressure (bar)
												10	20	30	40	
14.9-24	TD-19	TT	W 13 (W 11, W 12)	14.9-24	378	1 265	581	3 795		8 PR	128 A6 (121 A8)	1 990 2 170 2 345 2 520	1 705 1 860 2 010 2 160	1 420 1 550 1 675 1 800	1 135 1 250 1 340 1 450	1.2 1.4 1.6 1.8
16.9-24	TD-02	TT	W 15 L (W 14 L)	16.9-24	429	1 335	620	3 940		8 PR	133 A6 (125 A8)	2 240 2 450 2 665 2 885	1 920 2 100 2 285 2 470	1 600 1 750 1 905 2 060	1 280 1 400 1 525 1 650	1.1 1.3 1.5 1.7
16.9-24	TD-13	TT	W 15 L (W 14 L)	16.9-24	429	1 335	620	3 940		8 PR	133 A6 (125 A8)	2 240 2 450 2 665 2 885	1 920 2 100 2 285 2 470	1 600 1 750 1 905 2 060	1 280 1 400 1 525 1 650	1.1 1.3 1.5 1.7
18.4-26	TD-19	TL	W 16 L (W 15 L)	(18.4-26)	467	1 450	663	4 285		12 PR	156 A8	4 785 5 430 6 000	3 470 3 940 4 360	3 380 3 830 4 160	3 190 3 620 4 000	1.9 2.2 2.5
23.1-26	TD-01	TL	DW 20	(23.1-26)	587	1 605	760	4 720		14 PR	156 A8	4 350 4 875 5 475 6 000	3 565 4 000 4 490 4 920	3 100 3 480 3 905 4 280	2 900 3 250 3 650 4 000	1.1 1.4 1.7 2.0
11.2-28	TD-02	TT	W 10 (W 9)	11.2-28	284	1 205	565	3 555		6 PR	112 A6 (104 A8)	1 260 1 415 1 570	1 080 1 210 1 345	900 1 010 1 120	720 810 900	1.3 1.5 1.8
11.2-28	TD-02	TT	W 10 (W 9)	11.2-28	284	1 205	565	3 555		8 PR	118 A6 (110 A8)	1 710 1 850	1 465 1 585	1 220 1 320	975 1 060	2.1 2.4
12.4-28	TD-02	TT	W 11 (W 10)	12.4-28	315	1 260	598	3 750		8 PR	123 A6 (116 A8)	1 445 1 620 1 800 2 005 2 170	1 235 1 385 1 540 1 715 1 860	1 030 1 155 1 285 1 430 1 550	825 925 1 030 1 145 1 250	1.1 1.4 1.7 2.0 2.3
12.4-28	TD-19	TT	W 11 (W 10)	12.4-28	315	1 260	598	3 750		6 PR	117 A6 (109 A8)	1 445 1 620 1 800	1 235 1 385 1 540	1 030 1 155 1 285	825 925 1 030	1.1 1.4 1.7
12.4-28	TD-19	TT	W 11 (W 10)	12.4-28	315	1 260	598	3 750		10 PR	128 A6 (121 A8)	2 005 2 170 2 335 2 535	1 715 1 860 2 000 2 175	1 430 1 550 1 650 1 790	1 145 1 250 1 335 1 450	2.0 2.3 2.5 2.8
13.6-28	TD-19	TT	W 12 (W 11)	13.6-28	345	1 310	612	3 853		6 PR	121 A6 (113 A8)	1 570 1 720 1 875 2 030	1 345 1 475 1 610 1 740	1 120 1 230 1 340 1 450	895 985 1 070 1 150	1.0 1.2 1.4 1.6

TD Technical data and load capacities



Tyre size	Tread pattern	Type	Rim (permitted)	Tube	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)		Ply rating PR	Service description LI/SS	Tyre load capacity (kg) at speed (km/h)				Tyre pressure (bar)
												10	20	30	40	
14.9-28	TD-19	TT	W 13 (W 12)	14.9-28	378	1 365	627	4 113		8 PR	130 A6 (122 A8)	1 905	1 630	1 360	1 090	1.0
												2 115	1 810	1 510	1 210	1.2
												2 395	2 050	1 710	1 370	1.5
												2 660	2 280	1 900	1 500	1.8
16.9-28	TD-02	TT	W 15 L (W 14 L)	16.9-28	429	1 435	670	4 235		8 PR	135 A6 (127 A8)	2 355	2 015	1 680	1 345	1.1
												2 730	2 340	1 950	1 560	1.4
												3 055	2 615	2 180	1 750	1.7
16.9-28	TD-02	TT	W 15 L (W 14 L)	16.9-28	429	1 435	670	4 235		10 PR	139 A6 (131 A8)	3 305	2 830	2 360	1 890	1.9
16.9-28	TD-13	TT	W 15 L (W 14 L)	16.9-28	429	1 435	670	4 235		8 PR	135 A6 (127 A8)	3 400	2 915	2 430	1 950	2.0
												2 355	2 015	1 680	1 345	1.1
												2 730	2 340	1 950	1 560	1.4
16.9-28	TD-13	TT	W 15 L (W 14 L)	16.9-28	429	1 435	670	4 235		10 PR	139 A6 (131 A8)	3 055	2 615	2 180	1 750	1.7
												3 305	2 830	2 360	1 890	1.9
												3 400	2 915	2 430	1 950	2.0
16.9-30	TD-13	TT	W 15 L (W 14 L)	16.9-30	429	1 485	685	4 390		8 PR	137 A6 (129 A8)	2 410	2 065	1 720	1 375	1.1
												2 885	2 470	2 060	1 650	1.4
												3 220	2 760	2 300	1 850	1.7
16.9-30	TD-13	TT	W 15 L (W 14 L)	16.9-30	429	1 485	685	4 390		10 PR	140 A6 (132 A8)	3 500	3 000	2 500	2 000	2.0
16.9-30	TD-13	TT	W 15 L (W 14 L)	16.9-30	429	1 485	685	4 390		12 PR	143 A6 (135 A8)	3 815	3 270	2 725	2 180	2.3
16.9-30	TD-17	TT	W 15 L (W 14 L)	16.9-30	429	1 485	685	4 390		8 PR	137 A6 (129 A8)	2 410	2 065	1 720	1 375	1.1
												2 885	2 470	2 060	1 650	1.4
												3 220	2 760	2 300	1 850	1.7
16.9-30	TD-17	TT	W 15 L (W 14 L)	16.9-30	429	1 485	685	4 390		10 PR	140 A6 (132 A8)	3 500	3 000	2 500	2 000	2.0
												2 645	2 270	1 890	1 515	0.9
												3 110	2 665	2 220	1 775	1.2
18.4-30	TD-13	TT	W 16 L (W 15 L)	16.9-30	467	1 550	714	4 540		8 PR	139 A6 (131 A8)	3 400	2 915	2 430	1 950	1.4
												4 355	3 730	3 110	2 490	2.1
												4 550	3 900	3 250	2 575	2.3
18.4-30	TD-13	TT	W 16 L (W 15 L)	16.9-30	467	1 550	714	4 540		14 PR	152 A6 (144 A8)	4 745	4 070	3 390	2 710	2.5
												4 970	4 260	3 550	2 800	2.7
												1 190	1 020	850	680	1.5
9.5-32	TD-13	TT	W 8 (W 7)	9.5-32	241	1 250	597	3 695		6 PR	110 A6 (102 A8)	1 290	1 100	920	740	1.7
												1 390	1 190	990	790	1.9
												1 480	1 270	1 060	850	2.1

TD Technical data and load capacities



Tyre size	Tread pattern	Type	Rim (permitted)	Tube	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)		Ply rating PR	Service description LI/SS	Tyre load capacity (kg) at speed (km/h)				Tyre pressure (bar)
												10	20	30	40	
12.4-32	TD-13	TT	W 11 (W 9, W 10)	12.4-32	315	1 360	633	3 975		6 PR	119 A6 (111 A8)	1 490	1 275	1 065	850	1.1
												1 625	1 390	1 160	930	1.3
												1 755	1 505	1 255	1 005	1.5
												1 905	1 630	1 360	1 090	1.7
16.9-34	TD-02	TT	W 15 L (W 14 L)	16.9-34	429	1 585	724	4 680		8 PR	139 A6 (131 A8)	2 620	2 245	1 870	1 495	1.1
												3 010	2 580	2 150	1 720	1.4
16.9-34	TD-02	TT	W 15 L (W 14 L)	16.9-34	429	1 585	724	4 680		10 PR	142 A6 (134 A8)	3 710	3 180	2 650	2 120	2.0
16.9-34	TD-17	TT	W 15 L (W 14 L)	16.9-34	429	1 585	724	4 680		8 PR	139 A6 (131 A8)	2 620	2 245	1 870	1 495	1.1
												3 010	2 580	2 150	1 720	1.4
18.4-34	TD-02	TT	W 16 L (W 15 L)	16.9-34 18.4-34	467	1 650	770	4 865		12 PR	151 A6 (144 A8)	3 400	2 915	2 430	1 950	1.7
												3 050	2 615	2 180	1 745	1.0
												3 380	2 900	2 415	1 930	1.2
												3 710	3 180	2 650	2 120	1.4
												3 955	3 390	2 825	2 260	1.6
												4 200	3 600	3 000	2 430	1.8
18.4-34	TD-19	TT	W 16 L (W 15 L)	16.9-34 18.4-34	467	1 650	770	4 865		8 PR	142 A6 (134 A8)	4 580	3 925	3 270	2 620	2.1
												4 830	4 140	3 450	2 800	2.3
												3 050	2 615	2 180	1 745	1.0
18.4-34	TD-19	TT	W 16 L (W 15 L)	16.9-34 18.4-34	467	1 650	770	4 865		12 PR	151 A6 (144 A8)	3 380	2 900	2 415	1 930	1.2
												3 710	3 180	2 650	2 120	1.4
												4 580	3 925	3 270	2 620	2.1
12.4-36	TD-13	TT	W 11 (W 10)	12.4-36	315	1 465	685	4 330		6 PR	121 A6 (113 A8)	4 830	4 140	3 450	2 800	2.3
												1 610	1 380	1 150	920	1.1
												1 750	1 500	1 250	1 000	1.3
												1 890	1 620	1 350	1 080	1.5
12.4-36	TD-13	TT	W 11 (W 10)	12.4-36	315	1 465	685	4 330		12 PR	135 A6 (127 A8)	2 030	1 740	1 450	1 150	1.7
												2 610	2 240	1 865	1 490	2.7
												2 750	2 360	1 965	1 570	2.9
												2 900	2 485	2 070	1 655	3.1
13.6-36	TD-13	TT	W 12 (W 11)	13.6-36	345	1 515	698	4 447		6 PR	125 A6 (118 A8)	3 050	2 615	2 180	1 750	3.3
												1 625	1 390	1 160	930	0.9
												1 895	1 625	1 355	1 085	1.2
												2 080	1 780	1 485	1 190	1.4
13.6-36	TD-13	TT	W 12 (W 11)	13.6-36	345	1 515	698	4 447		6 PR	125 A6 (118 A8)	2 310	1 980	1 650	1 320	1.6

TD Technical data and load capacities



Tyre size	Tread pattern	Type	Rim (permitted)	Tube	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)		Ply rating PR	Service description LI/SS	Tyre load capacity (kg) at speed (km/h)				Tyre pressure (bar)
												10	20	30	40	
12.4-38	TD-17	TT	W 11 (W 10)	12.4-38	320	1 515	719	4 514		8 PR	127 A6 (120 A8)	2 070 2 200 2 325 2 450	1 775 1 885 1 990 2 100	1 480 1 570 1 660 1 750	1 185 1 255 1 330 1 400	1.7 1.9 2.1 2.3
13.6-38	TD-02	TT	W 12 (W 11)	13.6-38	345	1 565	740	4 615		6 PR	126 A6 (119 A8)	1 695 2 015 2 200 2 380	1 450 1 730 1 885 2 040	1 210 1 440 1 570 1 700	970 1 150 1 255 1 360	0.9 1.2 1.4 1.6
13.6-38	TD-13	TT	W 12 (W 11)	13.6-38	345	1 565	740	4 670		6 PR	126 A6 (119 A8)	1 695 2 015 2 200 2 380	1 450 1 730 1 885 2 040	1 210 1 440 1 570 1 700	970 1 150 1 255 1 360	0.9 1.2 1.4 1.6
13.6-38	TD-13	TT	W 12 (W 11)	13.6-38	345	1 565	740	4 670		14 PR	139 A6 (131 A8)	2 920 3 075 3 235 3 400	2 500 2 635 2 770 2 915	2 085 2 195 2 310 2 430	1 670 1 755 1 850 1 950	2.9 3.1 3.3 3.5
14.9-38	TD-05	TT	W 13 (W 12)	14.9-38	380	1 640	760	4 838		6 PR	129 A6 (122 A8)	2 190 2 380 2 590	1 880 2 040 2 220	1 565 1 700 1 850	1 250 1 360 1 480	1.0 1.2 1.4
15.5-38	TD-05	TT	W 14 L	15.5-38	394	1 580	745	4 661		8 PR	133 A6 (125 A8)	2 470 2 655 2 885	2 120 2 275 2 475	1 765 1 895 2 060	1 400 1 520 1 650	1.4 1.6 1.8
16.9-38	TD-13	TT	W 15 L (W 14 L)	16.9-38	429	1 685	795	5 091		8 PR	141 A6 (133 A8)	2 620 3 050 3 325 3 605	2 245 2 615 2 850 3 090	1 870 2 180 2 375 2 575	1 495 1 745 1 900 2 060	1.0 1.3 1.5 1.7
18.4-38	TD-19	TT	W 16 L (W 15 L)	18.4-38	467	1 750	814	5 216		8 PR	143 A6 (135 A8)	3 025 3 485 3 815	2 590 2 990 3 270	2 160 2 490 2 725	1 730 1 990 2 180	0.9 1.2 1.4

30 km/h (up to 40 km/h) load values also apply for low-speed high-torque field work.

For intensive road transport at 40/30 km/h the pressure must be increased by 0.4 bar. Maximum inflation pressure should never be exceeded.

For harvesting machines and front-end loader tractor application the Inflation Pressure must be increased by 0.4 bar.

All load values are valid for ground slopes up to and including 20 % (11°). When operating on slopes greater than 20 %, contact the producer.

TL = Tubeless

TT = Tube Type

Variation in load capacity with speed dependence

Tractor Radial & Diagonal

Speed (km/h)		0	5	10	15	20	25	30	35
Speed category	A6	+130%	+70%	+40%	+30%	+20%	+7%	(0)	-10%
	A8	+130%	+70%	+50%	+34%	+23%	+11%	+7%	+3%
	D	+130%	+70%	+40%	+34%	+23%	+18.5%	+15%	+12%

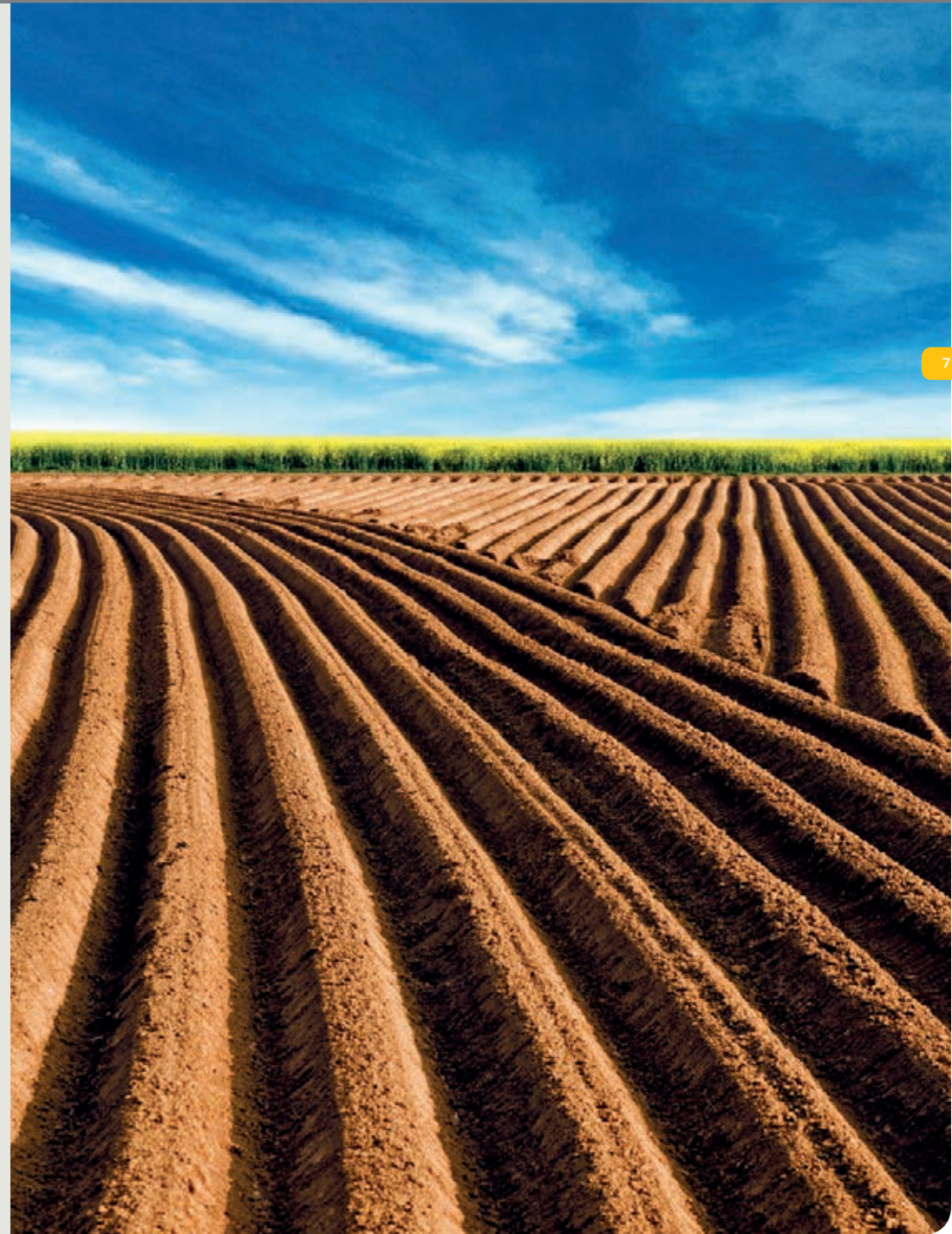
Speed (km/h)		40	45	50	55	60	65	70	
Speed category	A6	-20%	-	-	-	-	-	-	
	A8	(0)	-4%	-9%	-	-	-	-	
	D	+9.5%	+7%	+5%	+3%	+1.5%	(0)	-9%	

Water balasting

Tyre size	Water (l)
8.3-20	45
8.3-24	50
9.5-24	60
11.2-24	70
12.4-24	80
14.9-24	150
16.9-24	210
18.4-26	305
23.1-26	470
11.2-28	90
12.4-28	110
13.6-28	140
14.9-28	180
16.9-28	220
16.9-30	240
18.4-30	320
9.5-32	80
12.4-32	140
16.9-34	250
18.4-34	330
12.4-36	150
12.4-38	170
13.6-38	190
14.9-38	220
15.5-38	245
16.9-38	280
18.4-38	370

Equivalent sizes with respect to overall diameter

Standard	85 % Series	70 % Series	65 % Series
11.2 R 24	280/85 R 24	320/70 R 24	
12.4 R 24	320/85 R 24		420/65 R 24
13.6 R 24	340/85 R 24	380/70 R 24	440/65 R 24
14.9 R 24	380/85 R 24	420/70 R 24	480/65 R 24
16.9 R 24	420/85 R 24	480/70 R 24	540/65 R 24
11.2 R 28	280/85 R 28		
12.4 R 28	320/85 R 28		
13.6 R 28	340/85 R 28	380/70 R 28	440/65 R 28
14.9 R 28	380/85 R 28	420/70 R 28	480/65 R 28
16.9 R 28	420/85 R 28	480/70 R 28	540/65 R 28
14.9 R 30	380/85 R 30		
16.9 R 30	420/85 R 30	480/70 R 30	540/65 R 30
18.4 R 30	460/85 R 30		
12.4 R 32	320/85 R 32		
16.9 R 34	420/85 R 34	480/70 R 34	540/65 R 34
18.4 R 34	460/85 R 34	520/70 R 34	600/65 R 34
13.6 R 36	340/85 R 36		
13.6 R 38	340/85 R 38		
16.9 R 38	420/85 R 38	480/70 R 38	540/65 R 38
18.4 R 38	460/85 R 38	520/70 R 38	600/65 R 38
20.8 R 38	520/85 R 38	580/70 R 38	650/65 R 38
20.8 R 42	520/85 R 42	710/70 R 38	650/65 R 42



IM series – implement non-traction tyres with great transportation properties



Drive wheels
applicable

IM-01

Tested and proven tread pattern for transportation, also suitable for powered wheels.



Drive wheels
applicable

IM-02 (TO 2)

Tread pattern with excellent traction for a wide range of applications.



IM-03

A classic implement design for universal use.



Classic
design

IM-04

Modern universal tread pattern suitable for a wide range of agricultural uses.



Suitable for
meadowland

IM-07

Pattern with rolling rib profile without any lateral tread elements. Suitable for meadowland use or soil cultivation.



Suitable for
meadowland

IM-08

Ribbed pattern without any lateral tread elements, suitable for meadowland use and transport service.



Low ground
pressure

IM-09

Traction pattern with strong side lugs. Low inflation pressure for reduced soil compaction.



IM-10

Ribbed pattern without any lateral tread elements. Suitable for soil cultivation and for light transport applications.



IM technical data and load capacities



Tyre size	Tread pattern	Type	Rim (permitted)	Tube Flap	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)		Ply rating PR	Service description LI/SS	Tyre load capacity (kg) at speed (km/h)					Tyre pressure (bar)
												10	20	30	40	50	
10.0/80-12	IM-04	TT/TL	9.00×12 (7.00×12)	10.0/80-12	264	710	316	2 085		8 PR	112 A8	1 175	1 060	940	840	755	1.75
												1 225	1 105	980	875	790	2.00
												1 330	1 200	1 065	950	855	2.30
												1 360	1 220	1 085	970	875	2.50
												1 450	1 305	1 160	1 035	930	2.75
10.0/80-12	IM-04	TL	9.00×12 (7.00×12)	10.0/80-12	264	710	316	2 085		10 PR	117 A8	1 570	1 410	1 255	1 120	1 010	3.10
												1 650	1 485	1 320	1 180	1 060	3.40
												1 745	1 570	1 395	1 245	1 120	3.70
												1 800	1 620	1 440	1 285	1 155	3.90
												1 175	1 060	940	840	755	1.75
10.0/80-12	IM-08	TL	9.00×12 (7.00×12)	10.0/80-12	264	735	335	2 160		8 PR	112 A8	1 225	1 105	980	875	790	2.00
												1 330	1 200	1 065	950	855	2.30
												1 360	1 220	1 085	970	875	2.50
												1 450	1 305	1 160	1 035	930	2.75
												1 570	1 410	1 255	1 120	1 010	3.10
200/60-14.5	IM-10	TT/TL	6.75×14.5		200	620	285	1 823		10 PR	102 A8	600	540	480	430	390	1.50
												720	650	575	515	465	2.00
												805	725	645	575	520	2.50
												880	795	705	630	565	3.00
												960	865	765	685	615	3.50
10.0/75-15.3	IM-04	TT/TL	9.00×15.3	10-15 HS 10/75-15	264	760	351	2 235		10 PR	122 A8	1 035	930	830	740	665	4.00
												1 115	1 000	890	795	715	4.50
												1 190	1 070	950	850	765	5.00
												1 665	1 500	1 335	1 190	1 070	2.50
												1 850	1 665	1 480	1 320	1 190	3.00
10.0/75-15.3	IM-04	TT/TL	9.00×15.3	10-15 HS 10/75-15	264	760	351	2 235		12 PR	125 A8	1 975	1 775	1 580	1 410	1 270	3.50
												2 100	1 890	1 680	1 500	1 350	4.00
												2 240	2 015	1 790	1 600	1 440	4.50
												2 310	2 080	1 850	1 650	1 485	4.75
												2 430	2 185	1 945	1 735	1 560	5.00
10.0/75-15.3	IM-04	TT/TL	9.00×15.3	10-15 HS 10/75-15	264	760	351	2 235		14 PR *	130 A8	2 660	2 395	2 130	1 900	1 710	5.50
												3 025	2 720	2 420	2 160	1 945	6.00
												3 380	3 045	2 705	2 415	2 175	6.50
												3 815	3 435	3 050	2 725	2 455	7.10

IM technical data and load capacities



Tyre size	Tread pattern	Type	Rim (permitted)	Tube Flap	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)		Ply rating PR	Service description LI/SS	Tyre load capacity (kg) at speed (km/h)					Tyre pressure (bar)
												10	20	30	40	50	
11.5/80-15.3	IM-04	TT/TL	9.00×15.3	11.5/80-15	290	845	386	2 485		10 PR	130 A8	2 065 2 430 2 660	1 860 2 185 2 395	1 650 1 945 2 130	1 475 1 735 1 900	1 330 1 565 1 710	2.50 3.00 3.50
11.5/80-15.3	IM-04	TT/TL	9.00×15.3	11.5/80-15	290	845	386	2 485		12 PR	134 A8	2 815 2 970	2 535 2 670	2 250 2 375	2 010 2 120	1 810 1 910	3.75 4.00
11.5/80-15.3	IM-04	TT/TL	9.00×15.3	11.5/80-15	290	845	386	2 485		14 PR	139 A8	3 260 3 400	2 935 3 060	2 610 2 720	2 330 2 430	2 095 2 185	4.50 4.75
11.5/80-15.3	IM-04	TT/TL	9.00×15.3	11.5/80-15	290	845	386	2 485		16 PR	141 A8	3 470 3 605	3 125 3 245	2 780 2 885	2 480 2 575	2 230 2 320	5.00 5.40
12.5/80-15.3	IM-04	TL	9.00×15.3		307	889	436	2 615		14 PR	141 A8	2 920 3 110 3 305 3 485 3 605	2 625 2 795 2 975 3 135 3 245	2 335 2 485 2 645 2 790 2 885	2 085 2 220 2 360 2 490 2 575	1 875 2 000 2 125 2 240 2 320	3.25 3.50 3.70 4.00 4.30
400/60-15.5	IM-07	TL	13.00×15.5		405	875	380	2 575		14 PR	140 A8	2 015 2 185 2 520 2 800 3 150 3 500	1 815 1 965 2 270 2 520 2 835 3 150	1 615 1 745 2 015 2 240 2 520 2 800	1 440 1 560 1 800 2 000 2 250 2 500	1 295 1 405 1 620 1 800 2 025 2 250	1.25 1.50 2.00 2.50 3.00 3.50
400/60-15.5	IM-07	TL	13.00×15.5		405	875	380	2 575			145 A8	4 060	3 650	3 250	2 900	2 610	3.60
10.50-16	IM-01	TT	7.00I-16 (7.0-401.5)	10.50-16	274	945	432	2 780		14 PR	144 A8	2 870 2 970 3 220 3 470 3 710 3 920	2 585 2 670 2 900 3 125 3 340 3 530	2 295 2 375 2 575 2 780 2 970 3 135	2 050 2 120 2 300 2 480 2 650 2 800	1 845 1 910 2 070 2 230 2 385 2 520	3.25 3.50 4.00 4.50 5.00 5.25
15.0/55-17	IM-04	TL	13.00×17 (13×17)	15.0/55-17	391	850	410	2 499		10 PR	131 A8	2 325 2 595 2 730	2 090 2 335 2 455	1 860 2 080 2 185	1 660 1 855 1 950	1 495 1 670 1 755	2.00 2.40 2.60
15.0/55-17	IM-04	TL	13.00×17	15.0/55-17	391	850	410	2 499		14 PR	137 A8	2 830 2 970 3 050 3 135 3 220	2 545 2 670 2 745 2 820 2 900	2 260 2 375 2 440 2 510 2 575	2 020 2 120 2 180 2 240 2 300	1 820 1 910 1 960 2 015 2 070	2.80 3.10 3.30 3.50 3.70
19.0/45-17	IM-04	TL	16.00×17		491	866	390	2 546		14 PR	144 A8	2 605 2 980 3 305 3 625 3 920	2 345 2 685 2 975 3 265 3 530	2 085 2 385 2 645 2 900 3 135	1 860 2 130 2 360 2 590 2 800	1 675 1 915 2 125 2 330 2 520	2.00 2.50 3.00 3.50 4.00

IM technical data and load capacities



Tyre size	Tread pattern	Type	Rim (permitted)	Tube Flap	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)		Ply rating PR	Service description LI/SS	Tyre load capacity (kg) at speed (km/h)					Tyre pressure (bar)
												10	20	30	40	50	
19.0/45-17	IM-04	TL	16.00×17		491	866	390	2 546		18 PR	157 A8	5 110	4 600	4 090	3 650	3 285	4.75
												5 320	4 790	4 255	3 800	3 420	5.00
												5 545	4 990	4 435	3 960	3 565	5.25
												5 775	5 195	4 620	4 125	3 715	5.50
500/50-17	IM-07	TL	16.00×17		500	940	420	2 763		14 PR	149 A8	3 330	3 000	2 665	2 380	2 140	2.00
												3 815	3 435	3 050	2 725	2 455	2.50
												4 200	3 780	3 360	3 000	2 700	3.00
												4 550	4 095	3 640	3 250	2 925	3.50
500/50-17	IM-07	TL	16.00×17		500	940	420	2 763		18 PR	155 A8	4 985	4 485	3 985	3 560	3 200	4.00
												5 425	4 880	4 340	3 875	3 490	4.40
12.5/80-18	IM-03	TT	11×18 (9×18)	12-18 HS 12.5-18	308	965	444	2 840		14 PR	145 A8	2 715	2 445	2 175	1 940	1 745	2.25
												2 885	2 595	2 305	2 060	1 855	2.50
												3 305	2 975	2 645	2 360	2 125	3.00
												3 565	3 205	2 850	2 545	2 290	3.50
												3 870	3 485	3 095	2 765	2 490	4.00
												4 060	3 655	3 250	2 900	2 610	4.25
12.5/80-18	IM-03	TT	11×18 (9×18)	12-18 HS 12.5-18	308	965	444	2 840		16 PR	147 A8	4 145	3 730	3 315	2 960	2 665	4.50
												4 305	3 875	3 445	3 075	2 770	5.00
12.5/80-18	IM-04	TT	11×18 (9×18)	12-18 HS 12.5-18	308	965	444	2 840		14 PR	145 A8	2 715	2 445	2 175	1 940	1 745	2.25
												2 885	2 595	2 305	2 060	1 855	2.50
												3 305	2 975	2 645	2 360	2 125	3.00
												3 565	3 205	2 850	2 545	2 290	3.50
												3 870	3 485	3 095	2 765	2 490	4.00
												4 060	3 655	3 250	2 900	2 610	4.25
12.5/80-18	IM-04	TT	11×18 (9×18)	12-18 HS 12.5-18	308	965	444	2 840		16 PR	147 A8	4 145	3 730	3 315	2 960	2 665	4.50
												4 305	3 875	3 445	3 075	2 770	5.00
13.0/65-18	IM-04	TT	11×18	13.0/65-18	336	890	412	2 615		16 PR	143 A8	2 270	2 040	1 815	1 620	1 460	2.00
												2 575	2 320	2 060	1 840	1 655	2.50
												2 885	2 595	2 305	2 060	1 855	3.00
												3 220	2 900	2 575	2 300	2 070	3.50
												3 400	3 060	2 720	2 430	2 185	4.00
												3 605	3 245	2 885	2 575	2 320	4.50
13.00-18	IM-02	TT	9A×18	12.00-18	370	1 128	514	3 315		12 PR	150 A8	3 555	3 200	2 845	2 540	2 285	2.50
												4 200	3 780	3 360	3 000	2 700	3.00
												4 690	4 220	3 750	3 350	3 015	3.50
												5 040	4 535	4 030	3 600	3 240	4.00
13.00-18	TO 2	TT/TL	9A×18	12.00-18	370	1 128	514	3 315			140 K	5 600	5 040	4 480	4 000	3 600	4.50

IM technical data and load capacities



Tyre size	Tread pattern	Type	Rim (permitted)	Tube Flap	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)		Ply rating PR	Service description LI/SS	Tyre load capacity (kg) at speed (km/h)					Tyre pressure (bar)
												10	20	30	40	50	
14.5/80-18	IM-03	TT	13×18	14.5/80-18	372	1 045	475	3 075				2 850	2 565	2 280	2 035	1 830	1.50
												3 310	2 980	2 650	2 365	2 130	2.00
												3 765	3 390	3 015	2 690	2 420	2.50
												4 215	3 795	3 370	3 010	2 710	3.00
												4 660	4 195	3 730	3 330	2 995	3.50
										12 PR	155 A8	5 125	4 610	4 100	3 660	3 295	4.00
												5 425	4 885	4 340	3 875	3 490	4.25
												3 955	3 560	3 165	2 825	2 545	1.50
												4 390	3 950	3 510	3 135	2 820	1.80
												4 825	4 340	3 860	3 445	3 100	2.10
500/60-22.5	IM-09	TL	16.00×22.5		503	1 172	511	3 446				5 250	4 725	4 200	3 750	3 375	2.40
												5 690	5 120	4 555	4 065	3 660	2.70
												6 125	5 515	4 900	4 375	3 940	3.00
										16 PR	159 A8	4 780	4 305	3 825	3 415	3 075	1.50
												5 125	4 610	4 100	3 660	3 295	1.70
												5 455	4 910	4 360	3 895	3 505	1.90
												5 775	5 200	4 620	4 125	3 715	2.10
												6 235	5 615	4 990	4 455	4 010	2.40
												6 530	5 880	5 225	4 665	4 200	2.60
												6 825	6 145	5 460	4 875	4 390	2.80
550/60-22.5	IM-09	TL	16.00×22.5		537	1 232	534	3 622				4 780	4 305	3 825	3 415	3 075	1.50
												5 125	4 610	4 100	3 660	3 295	1.70
												5 455	4 910	4 360	3 895	3 505	1.90
												5 775	5 200	4 620	4 125	3 715	2.10
												6 235	5 615	4 990	4 455	4 010	2.40
										16 PR	163 A8	6 530	5 880	5 225	4 665	4 200	2.60
												6 825	6 145	5 460	4 875	4 390	2.80

* Reinforced version also available (REINFORCED)

For a non-standard version, please contact a producer.
These tyres are for normal agricultural use and not for continuous highway service.

TL = Tubeless

TT = Tube Type

TR series – implement traction tyres for wide agricultural application



Great traction

TR-01

Tread pattern with excellent traction, suitable for all self-propelled machines, agricultural loaders, small dump trucks and telescopic loaders.



Universal application

TR-03

Universal traction pattern for different agricultural applications.



TR-04

All-round tread pattern with great traction for a wide range of agricultural uses.



Low ground pressure

TR-08

Flotation pattern with reduced soil compaction due to low inflation pressure. Great traction, braking performance and lateral stability.



TR-09

Traction pattern suitable for front wheels of back-hoe loaders and wheel loaders.



Agricultural + industrial use

TR-10

Tread pattern suitable above all for bigger skid-steer loaders or self-propelled platforms. Recommended also for front wheels of back-hoe loaders.



TR-05

Time proven pattern for agricultural application with very good traction.



TR-06

Low-profile traction pattern for use in meadowlands, suitable for drive wheels.



Suitable for meadowland



TR-07

Low-profile tread pattern with great traction, recommended for meadowland use.



Suitable for meadowland



TR-11

Tread pattern with robust lugs, ensuring very good traction. Suitable for loaders and side dumpers.



Great traction



TR-12

Pattern with excellent traction, developed for powered wheels of agricultural and industrial machinery. Applicable for trailed wheels as well.



Agricultural + industrial use

TR technical data and load capacities



Tyre size	Tread pattern	Type	Rim (permitted)	Tube Flap	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)		Ply rating PR	Service description LI/SS	Tyre load capacity (kg) – free rolling / drive wheel – at speed (km/h)					Tyre pressure (bar)
												10	20	30	40	50	
31×15.50–15 (400/50-15)	TR-06	TL	13LB×15		370	760	350	2 235		8 PR	121/109 A8	1 045 / 730	940 / 655	835 / 580	745 / 520	670 / 470	1.00
												1 295 / 910	1 165 / 820	1 035 / 730	925 / 650	835 / 585	1.50
												1 555 / 1 090	1 400 / 985	1 245 / 875	1 110 / 780	1 000 / 700	2.00
												1 805 / 1 265	1 625 / 1 140	1 445 / 1 015	1 290 / 905	1 160 / 815	2.50
												2 030 / 1 440	1 825 / 1 300	1 625 / 1 155	1 450 / 1 030	1 305 / 925	3.00
31×15.50–15 (400/50-15)	TR-07	TL	13LB×15		370	760	350	2 235		8 PR	121/109 A8	1 045 / 730	940 / 655	835 / 580	745 / 520	670 / 470	1.00
												1 295 / 910	1 165 / 820	1 035 / 730	925 / 650	835 / 585	1.50
												1 555 / 1 090	1 400 / 985	1 245 / 875	1 110 / 780	1 000 / 700	2.00
												1 805 / 1 265	1 625 / 1 140	1 445 / 1 015	1 290 / 905	1 160 / 815	2.50
												2 030 / 1 440	1 825 / 1 300	1 625 / 1 155	1 450 / 1 030	1 305 / 925	3.00
10.0/75–15.3	TR-03	TL	9.00×15.3	10–15 HS 10/75–15	264	780	360	2 295		10 PR	122/111 A8	1 665 / 1 210	1 500 / 1 090	1 335 / 970	1 190 / 865	1 070 / 780	2.50
												1 755 / 1 275	1 580 / 1 145	1 405 / 1 020	1 255 / 910	1 130 / 820	2.75
												1 850 / 1 330	1 665 / 1 195	1 480 / 1 065	1 320 / 950	1 190 / 855	3.00
												1 910 / 1 380	1 720 / 1 240	1 530 / 1 105	1 365 / 985	1 230 / 885	3.25
												1 975 / 1 430	1 775 / 1 285	1 580 / 1 140	1 410 / 1 020	1 270 / 920	3.50
10.0/75–15.3	TR-03	TL	9.00×15.3	10–15 HS 10/75–15	264	780	360	2 295		12 PR	125/114 A8	2 100 / 1 525	1 890 / 1 375	1 680 / 1 220	1 500 / 1 090	1 350 / 980	4.00
												2 170 / 1 570	1 955 / 1 410	1 735 / 1 255	1 550 / 1 120	1 395 / 1 010	4.25
												2 240 / 1 610	2 015 / 1 450	1 790 / 1 290	1 600 / 1 150	1 440 / 1 035	4.50
												2 310 / 1 650	2 080 / 1 485	1 850 / 1 320	1 650 / 1 180	1 485 / 1 060	4.75
												2 430 / 1 715	2 185 / 1 545	1 945 / 1 370	1 735 / 1 225	1 560 / 1 105	5.00
10.0/75–15.3	TR-03	TL	9.00×15.3	10–15 HS 10/75–15	264	780	360	2 295		14 PR	130/118 A8	2 550 / 1 780	2 295 / 1 600	2 040 / 1 420	1 820 / 1 270	1 640 / 1 145	5.25
												2 660 / 1 850	2 395 / 1 665	2 130 / 1 480	1 900 / 1 320	1 710 / 1 190	5.50
												1 665 / 1 210	1 500 / 1 090	1 335 / 970	1 190 / 865	1 070 / 780	2.50
												1 755 / 1 275	1 580 / 1 145	1 405 / 1 020	1 255 / 910	1 130 / 820	2.75
												1 850 / 1 330	1 665 / 1 195	1 480 / 1 065	1 320 / 950	1 190 / 855	3.00
10.0/75–15.3	TR-04	TT/TL	9.00×15.3	10–15 HS 10/75–15	264	780	360	2 295		8 PR	118/106 A8	1 910 / 1 380	1 720 / 1 240	1 530 / 1 105	1 365 / 985	1 230 / 885	3.25
												1 975 / 1 430	1 775 / 1 285	1 580 / 1 140	1 410 / 1 020	1 270 / 920	3.50
												2 100 / 1 525	1 890 / 1 375	1 680 / 1 220	1 500 / 1 090	1 350 / 980	4.00
												2 170 / 1 570	1 955 / 1 410	1 735 / 1 255	1 550 / 1 120	1 395 / 1 010	4.25
												2 240 / 1 610	2 015 / 1 450	1 790 / 1 290	1 600 / 1 150	1 440 / 1 035	4.50
10.0/75–15.3	TR-04	TT/TL	9.00×15.3	10–15 HS 10/75–15	264	780	360	2 295		12 PR	125/114 A8	2 310 / 1 650	2 080 / 1 485	1 850 / 1 320	1 650 / 1 180	1 485 / 1 060	4.75
												2 430 / 1 715	2 185 / 1 545	1 945 / 1 370	1 735 / 1 225	1 560 / 1 105	5.00
												2 550 / 1 780	2 295 / 1 600	2 040 / 1 420	1 820 / 1 270	1 640 / 1 145	5.25
												2 660 / 1 850	2 395 / 1 665	2 130 / 1 480	1 900 / 1 320	1 710 / 1 190	5.50
												1 820 / 1 510	1 640 / 1 360	1 455 / 1 210	1 300 / 1 080	1 170 / 970	2.25
11.5/80–15.3	TR-03	TL	9.00×15.3	11.5/80–15	290	867	395	2 550		10 PR	130/119 A8	2 065 / 1 580	1 860 / 1 425	1 650 / 1 265	1 475 / 1 130	1 330 / 1 015	2.50
												2 430 / 1 735	2 185 / 1 560	1 945 / 1 390	1 735 / 1 240	1 560 / 1 115	3.00
												2 660 / 1 905	2 395 / 1 715	2 130 / 1 525	1 900 / 1 360	1 710 / 1 225	3.50

TR technical data and load capacities



Tyre size	Tread pattern	Type	Rim (permitted)	Tube Flap	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)		Ply rating PR	Service description LI/SS	Tyre load capacity (kg) – free rolling / drive wheel – at speed (km/h)					Tyre pressure (bar)
												10	20	30	40	50	
11.5/80–15.3	TR-03	TT/TL	9.00×15.3	11.5/80–15	290	867	395	2 550		14 PR	139/126 A8	2 970 / 2 170 3 260 / 2 310 3 400 / 2 380	2 670 / 1 955 2 935 / 2 080 3 060 / 2 140	2 375 / 1 735 2 610 / 1 850 2 720 / 1 905	2 120 / 1 550 2 330 / 1 650 2 430 / 1 700	1 910 / 1 395 2 095 / 1 485 2 185 / 1 530	4.00 4.50 4.75
400/60–15.5	TR-08	TL	13.00×15.5		405	875	385	2 575		14 PR	140/127 A8	2 015 / 1 420 2 185 / 1 525 2 520 / 1 750 2 800 / 1 975 3 150 / 2 205 3 500 / 2 450	1 815 / 1 280 1 965 / 1 375 2 270 / 1 575 2 520 / 1 775 2 835 / 1 985 3 150 / 2 205	1 615 / 1 135 1 745 / 1 220 2 015 / 1 400 2 240 / 1 580 2 520 / 1 765 2 800 / 1 960	1 440 / 1 015 1 560 / 1 090 1 800 / 1 250 2 000 / 1 410 2 250 / 1 575 2 500 / 1 750	1 295 / 915 1 405 / 980 1 620 / 1 125 1 800 / 1 270 2 025 / 1 420 2 250 / 1 575	1.25 1.50 2.00 2.50 3.00 3.50
400/60–15.5	TR-08	TL	13.00×15.5		405	875	385	2 575		(1)	145/132 A8	4 060 / 2 800	3 650 / 2 520	3 250 / 2 240	2 900 / 2 000	2 610 / 1 800	3.60
15.0/55–17	TR-01	TL	13.00×17 (13×17)		391	872	410	2 565		10 PR	131/119 A8	2 325 / 1 615 2 465 / 1 710 2 595 / 1 815 2 730 / 1 905	2 090 / 1 455 2 220 / 1 535 2 335 / 1 630 2 455 / 1 715	1 860 / 1 295 1 970 / 1 365 2 080 / 1 450 2 185 / 1 525	1 660 / 1 155 1 760 / 1 220 1 855 / 1 295 1 950 / 1 360	1 495 / 1 040 1 585 / 1 100 1 670 / 1 165 1 755 / 1 225	2.00 2.20 2.40 2.60
15.0/55–17	TR-01	TL	13.00×17 (13×17)		391	872	410	2 565		12 PR	134/122 A8	2 830 / 1 990 2 970 / 2 100	2 545 / 1 790 2 670 / 1 890	2 260 / 1 590 2 375 / 1 680	2 020 / 1 420 2 120 / 1 500	1 820 / 1 280 1 910 / 1 350	2.80 3.10
480/45-17 IMP	TR-01	TL	15.00×17 (16.00×17)		479	864	410	2 576			146/134 A8	1 638 / 1 158 2 100 / 1 484 2 604 / 1 840 2 982 / 2 107 3 444 / 2 434 3 906 / 2 760 4 200 / 2 968	1 474 / 1 042 1 890 / 1 336 2 344 / 1 656 2 684 / 1 897 3 100 / 2 190 3 515 / 2 484 3 780 / 2 671	1 310 / 926 1 680 / 1 187 2 083 / 1 472 2 386 / 1 686 2 755 / 1 947 3 125 / 2 208 3 360 / 2 374	1 170 / 827 1 500 / 1 060 1 860 / 1 314 2 130 / 1 505 2 460 / 1 738 2 790 / 1 972 3 000 / 2 120	1 053 / 744 1 350 / 954 1 674 / 1 183 1 917 / 1 355 2 214 / 1 565 2 511 / 1 774 2 700 / 1 908	0.80 1.20 1.60 2.00 2.40 2.80 3.20
14–17.5	TR-10	TL	10.50×17.5		355	910	430	2 858		10 PR	143/131 B	3 890 / 2 760 4 060 / 2 890 4 240 / 3 030	3 505 / 2 480 3 655 / 2 600 3 820 / 2 730	3 115 / 2 205 3 250 / 2 315 3 395 / 2 425	2 780 / 1 970 2 900 / 2 065 3 030 / 2 165	2 500 / 1 775 2 610 / 1 860 2 725 / 1 950	3.20 3.50 3.80
14–17.5	TR-10	TL	10.50×17.5		355	910	430	2 858		14 PR	150/139 B	4 410 / 3 165 4 640 / 3 345 4 930 / 3 565 5 210 / 3 780	3 970 / 2 850 4 175 / 3 010 4 435 / 3 205 4 685 / 3 400	3 530 / 2 530 3 715 / 2 675 3 940 / 2 850 4 166 / 3 025	3 150 / 2 260 3 315 / 2 390 3 520 / 2 545 3 720 / 2 700	2 835 / 2 035 2 985 / 2 150 3 170 / 2 290 3 350 / 2 430	4.10 4.50 5.00 5.50
12.0/75–18	TR-03	TL	W 9×18 (9.11×18)	12.0–18	299	937	447	2 755		12 PR	139/126 A8	3 150 / 2 225 3 400 / 2 380	2 835 / 2 005 3 060 / 2 140	2 520 / 1 780 2 720 / 1 905	2 250 / 1 590 2 430 / 1 700	2 025 / 1 430 2 185 / 1 530	3.50 4.00
12.0/75–18	TR-11	TL	W 9×18 (9.11×18)	12.0–18	299	937	447	2 755		12 PR	135/123 A8	2 490 / 1 800 2 610 / 1 870 2 835 / 2 025 3 050 / 2 170	2 245 / 1 620 2 350 / 1 680 2 550 / 1 820 2 745 / 1 955	1 995 / 1 440 2 090 / 1 500 2 270 / 1 620 2 440 / 1 735	1 780 / 1 285 1 865 / 1 335 2 025 / 1 445 2 180 / 1 550	1 600 / 1 155 1 680 / 1 200 1 825 / 1 300 1 960 / 1 395	2.75 3.00 3.50 4.00

TR technical data and load capacities



Tyre size	Tread pattern	Type	Rim (permitted)	Tube Flap	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)		Ply rating PR	Service description LI/SS	Tyre load capacity (kg) – free rolling / drive wheel – at speed (km/h)					Tyre pressure (bar)
												10	20	30	40	50	
12.5/80–18	TR-09	TL	11×18 (9×18)	12–18HS 12.5–18	308	987	465	2 900		12 PR	138/125 A8	2 675 / 1 890	2 405 / 1 700	2 140 / 1 510	1 910 / 1 350	1 720 / 1 215	2.50
												2 865 / 2 015	2 575 / 1 815	2 290 / 1 615	2 045 / 1 440	1 840 / 1 295	2.80
												3 050 / 2 170	2 745 / 1 955	2 440 / 1 735	2 180 / 1 550	1 960 / 1 395	3.10
												3 200 / 2 235	2 880 / 2 010	2 560 / 1 790	2 285 / 1 595	2 055 / 1 435	3.40
												3 305 / 2 310	2 975 / 2 080	2 650 / 1 850	2 360 / 1 650	2 125 / 1 485	3.70
14.5/80–18	TR-05	TT	11 (12)	14.5/80–18	372	1 045	475	3 075		12 PR	155/143 A8	3 765 / 2 660	3 390 / 2 395	3 015 / 2 130	2 690 / 1 900	2 420 / 1 710	2.50
												4 445 / 3 155	4 000 / 2 840	3 555 / 2 525	3 175 / 2 255	2 860 / 2 030	3.25
												4 895 / 3 485	4 405 / 3 135	3 915 / 2 790	3 495 / 2 490	3 145 / 2 240	3.75
												5 425 / 3 815	4 885 / 3 435	4 340 / 3 050	3 875 / 2 725	3 490 / 2 455	4.25
												– / 3 040	– / 3 735	– / 2 420	– / 2 175	– / 1 975	2.00
400/70–20	TR-01	TL	13 SDC×20	–	404	1 090	490	3 210		14 PR	150 B	– / 3 580	– / 3 225	– / 2 850	– / 2 560	– / 2 325	2.50
												– / 4 120	– / 3 710	– / 3 280	– / 2 945	– / 2 675	3.00
												– / 4 660	– / 4 195	– / 3 710	– / 3 330	– / 3 025	3.50
												– / 5 160	– / 4 645	– / 4 100	– / 3 685	– / 3 350	4.00
												3 430 / 2 460	3 090 / 2 210	2 745 / 1 965	2 450 / 1 755	2 205 / 1 580	2.00
16.0/70–20	TR-09	TL	13 SDC–20	–	408	1 095	504	3 220		10 PR	143/131 A8	3 815 / 2 730	3 435 / 2 455	3 050 / 2 185	2 725 / 1 950	2 450 / 1 755	2.50
16.0/70–20	TR-09	TL	13 SDC–20	–	408	1 095	504	3 220		14 PR	150/138 A8	4 100 / 3 005	3 690 / 2 700	3 280 / 2 400	2 930 / 2 145	2 640 / 1 930	3.00
												4 690 / 3 305	4 220 / 2 975	3 750 / 2 645	3 350 / 2 360	3 015 / 2 125	3.50
500/60–22.5	TR-08	TL	16.00×22.5	–	503	1 192	519	3 504		12 PR	154/142 A8	3 955 / 2 700	3 560 / 2 430	3 165 / 2 160	2 825 / 1 930	2 545 / 1 735	1.50
												4 390 / 3 050	3 950 / 2 745	3 510 / 2 440	3 135 / 2 180	2 820 / 1 960	1.80
												4 825 / 3 390	4 340 / 3 050	3 860 / 2 710	3 445 / 2 420	3 100 / 2 180	2.10
												5 250 / 3 710	4 725 / 3 340	4 200 / 2 970	3 750 / 2 650	3 375 / 2 385	2.40
												5 690 / 4 010	5 120 / 3 610	4 555 / 3 210	4 065 / 2 865	3 660 / 2 580	2.70
500/60–22.5	TR-08	TL	16.00×22.5	–	503	1 192	519	3 504		16 PR	159/147 A8	6 125 / 4 305	5 515 / 3 875	4 900 / 3 445	4 375 / 3 075	3 940 / 2 770	3.00
500/60–22.5	TR-12	TL	16.00×22.5	–	503	1 192	519	3 504			170/158 A8	6 105 / 4 335	5 495 / 3 900	4 885 / 3 465	4 360 / 3 095	3 925 / 2 785	3.00
												6 425 / 4 555	5 785 / 4 100	5 140 / 3 645	4 590 / 3 255	4 130 / 2 930	3.50
												7 140 / 5 060	6 425 / 4 555	5 710 / 4 050	5 100 / 3 615	4 590 / 3 250	4.00
												8 400 / 5 950	7 560 / 5 355	6 720 / 4 760	6 000 / 4 250	5 400 / 3 825	4.50
												3 205 / 2 279	2 884 / 2 051	2 564 / 1 823	2 289 / 1 628	2 060 / 1 465	0.80
550/60–22.5	TR-08	TL	16.00×22.5	–	537	1 254	542	3 687		16 PR	167/155 A8	4 120 / 2 930	3 708 / 2 637	3 296 / 2 344	2 943 / 2 093	2 649 / 1 883	1.20
												5 036 / 3 581	4 532 / 3 222	4 029 / 2 864	3 597 / 2 558	3 237 / 2 302	1.60
												5 799 / 4 123	5 219 / 3 711	4 639 / 3 298	4 142 / 2 945	3 728 / 2 651	2.00
												6 714 / 4 774	6 043 / 4 297	5 372 / 3 819	4 796 / 3 410	4 316 / 3 069	2.40
												7 630 / 5 425	6 867 / 4 883	6 104 / 4 340	5 450 / 3 875	4 905 / 3 488	2.80
550/60–22.5	TR-08	TL	16.00×22.5	–	537	1 254	542	3 687			171/159 A8	7 060 / 4 940	6 495 / 4 540	5 930 / 4 150	5 650 / 3 950	4 800 / 3 360	3.00
												7 360 / 5 220	6 775 / 4 800	6 185 / 4 385	5 890 / 4 175	5 005 / 3 550	3.20
												7 700 / 5 470	7 070 / 5 030	6 500 / 4 640	6 150 / 4 375	5 225 / 3 720	3.40

TR technical data and load capacities



Tyre size	Tread pattern	Type	Rim (permitted)	Tube Flap	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)		Ply rating PR	Service description LI/SS	Tyre load capacity (kg) – free rolling / drive wheel – at speed (km/h)					Tyre pressure (bar)
												10	20	30	40	50	
600/40 – 22.5	TR-12	TL	20.00TH2×22.5 (20.00DC)	–	600	1 050	473	3 146		16 PR	160/148 A8	3 835 / 2 715	3 450 / 2 445	3 070 / 2 175	2 740 / 1 940	2 465 / 1 745	1.20
												4 310 / 3 050	3 880 / 2 745	3 450 / 2 440	3 080 / 2 180	2 770 / 1 960	1.50
												4 800 / 3 390	4 325 / 3 050	3 840 / 2 710	3 430 / 2 420	3 085 / 2 180	1.80
												5 250 / 3 710	4 725 / 3 340	4 200 / 2 970	3 750 / 2 650	3 375 / 2 385	2.10
												5 405 / 3 815	4 865 / 3 435	4 325 / 3 050	3 860 / 2 725	3 475 / 2 455	2.20
												5 910 / 4 130	5 315 / 3 715	4 725 / 3 305	4 220 / 2 950	3 800 / 2 655	2.50
600/50 – 22.5	TR-08	TL	20.00 × 22.5	–	595	1 140	510	3 380		16 PR	165/153 A8	6 300 / 4 410	5 670 / 3 970	5 040 / 3 530	4 500 / 3 150	4 050 / 2 835	2.80
												4 440 / 3 025	3 995 / 2 720	3 550 / 2 420	3 170 / 2 160	2 855 / 1 945	1.10
												4 830 / 3 305	4 345 / 2 975	3 865 / 2 645	3 450 / 2 360	3 105 / 2 125	1.30
												5 395 / 3 690	4 855 / 3 320	4 320 / 2 950	3 855 / 2 635	3 470 / 2 370	1.60
												5 760 / 3 940	5 185 / 3 545	4 610 / 3 155	4 115 / 2 815	3 705 / 2 535	1.80
												6 125 / 4 200	5 515 / 3 780	4 900 / 3 360	4 375 / 3 000	3 940 / 2 700	2.00
600/50 – 22.5	TR-08 HD	TL	20.00 × 22.5	–	611	1 172	510	3 440			168/156 A8	6 670 / 4 650	6 005 / 4 185	5 335 / 3 720	4 765 / 3 320	4 290 / 2 990	2.30
												7 210 / 5 110	6 490 / 4 600	5 770 / 4 090	5 150 / 3 650	4 635 / 3 285	2.60
15.5/80 – 24	TR-01	TL	W 12 × 24 (W 13 × 24) (W 14L × 24)	–	394	1 269	585	3 730		12 PR ⁽²⁾	154/142 A8	7 840 / 5 600	7 055 / 5 040	6 270 / 4 480	5 600 / 4 000	5 040 / 3 600	3.20
												4 255 / 3 025	3 830 / 2 720	3 375 / 2 400	3 040 / 2 160	2 735 / 1 945	2.00
												4 485 / 3 185	4 040 / 2 865	3 563 / 2 525	3 205 / 2 275	2 885 / 2 050	2.25
												4 690 / 3 305	4 220 / 2 975	3 750 / 2 650	3 350 / 2 360	3 015 / 2 125	2.50
												4 965 / 3 500	4 465 / 3 150	3 938 / 2 775	3 545 / 2 500	3 190 / 2 250	2.75
15.5/80 – 24	TR-01	TL	W 12 × 24 (W 13 × 24, W 14L × 24)	–	394	1 269	585	3 730		14 PR ⁽¹⁾	156/144 A8	5 250 / 3 710	4 725 / 3 340	4 125 / 2 900	3 750 / 2 650	3 375 / 2 385	3.00
15.5/80 – 24	TR-01	TL	W 12 × 24 (W 13 × 24, W 14L × 24)	–	394	1 269	585	3 730		16 PR	159/147 A8	5 430 / 3 815	4 890 / 3 435	4 313 / 3 025	3 880 / 2 725	3 490 / 2 455	3.25
15.5/80 – 24	TR-01	TL	W 12 × 24 (W 13 × 24) (W 14L × 24)	–	394	1 269	585	3 730			163/151 A8	5 600 / 3 920	5 040 / 3 530	4 500 / 3 150	4 000 / 2 800	3 600 / 2 520	3.50
												5 865 / 4 115	5 275 / 3 700	4 690 / 3 290	4 188 / 2 938	3 770 / 2 645	3.75
												6 125 / 4 305	5 515 / 3 875	4 900 / 3 445	4 375 / 3 075	3 940 / 2 770	4.10
17.5L – 24	TR-01	TL	W 15L × 24	–	445	1 241	580	3 650				6 360 / 4 480	5 725 / 4 030	5 085 / 3 585	4 542 / 3 200	4 090 / 2 880	4.25
												6 590 / 4 655	5 935 / 4 190	5 275 / 3 725	4 708 / 3 325	4 240 / 2 995	4.50
												6 825 / 4 830	6 145 / 4 345	5 460 / 3 865	4 875 / 3 450	4 390 / 3 105	4.75
												– / 2 500	– / 2 250	– / 2 000	– / 1 785	– / 1 605	1.10
												– / 2 800	– / 2 520	– / 2 240	– / 2 000	– / 1 800	1.30
												– / 3 100	– / 2 790	– / 2 480	– / 2 215	– / 1 995	1.50
17.5L – 24	TR-01	TL	W 15L × 24	–	445	1 241	580	3 650				– / 3 400	– / 3 060	– / 2 720	– / 2 430	– / 2 185	1.70
												– / 3 705	– / 3 335	– / 2 960	– / 2 645	– / 2 380	2.00
												– / 3 920	– / 3 530	– / 3 135	– / 2 800	– / 2 520	2.20

⁽¹⁾ Reinforced version (REINFORCED)⁽²⁾ Reinforced version also available (REINFORCED)

For a non-standard version, please contact a producer.
These tyres are for normal agricultural use and not for continuous highway service.

TL = Tubeless
TT = Tube Type

TS series – tractor small tyres for all kinds of gardening equipment

**TS-01**

Classic tread pattern with excellent traction.

**TS-02**

Universal traction pattern for a wide range of gardening applications.



Universal application

**TS-03**

Tread pattern with deep and robust lugs for greater traction.



Great traction

**TS-04**

All-round tread pattern with excellent traction.

**TS-05**

Pattern with very good traction and handling. Also suitable for light industrial use.



Agricultural + industrial use

**TS-06**

Improved tread pattern with great traction.

**TS-07**

Pattern specially developed for seed drill machines for soil compaction. Applicable for drive wheels as well.



Universal application

Tread patterns and sizes overview

Tyre size	TS-01	TS-02	TS-03	TS-04	TS-05	TS-06	TS-07
4.00–8	•						
4.0–10			•				
5.0–10			•				
5.00–12		•					
6.5/80–12						•	
6.5/75–14		•					
6.5/80–15						•	
5.00–15						•	
690 × 180–15							•
10.0/75–15.3					•		
11.5/80–15.3					•		
6.00–16				•			
7.50–16				•			
7.50–20				•			
8.3–20				•			



TS technical data and load capacities



Tyre size	Tread pattern	Type	Rim (permitted)	Tube Flap	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)		Ply rating PR	Service description LI/SS	Tyre load capacity (kg) – free rolling / drive wheel – at speed (km/h)					Tyre pressure (bar)
												10	20	25	30	40	
4.00–8	TS-01	TT	3.00D×8	4.00–8	114	425	195	1 250		2 PR	43/31 A6	130 / 90 175 / 125 200 / 140	115 / 80 155 / 110 175 / 125	105 / 75 145 / 100 165 / 115	100 / 70 135 / 95 155 / 109	90 / 65 120 / 90 140 / 100	0.80 1.00 1.50
4.0–10	TS-03	TT	3.50B×10 (3.00B×10)	4.0–10	114	463	214	1 370		4 PR	49/37 A8	205 / 150 215 / 155 225 / 165 230 / 165 260 / 180	185 / 135 195 / 135 200 / 145 210 / 155 235 / 160	175 / 125 185 / 130 190 / 135 195 / 140 220 / 150	160 / 115 170 / 120 180 / 125 185 / 130 200 / 145	145 / 105 155 / 109 160 / 115 165 / 120 185 / 128	0.80 1.00 1.25 1.50 1.90
5.0–10	TS-03	TT	4J×10 (3.50B×10)	5.0–10	140	512	234	1 520		2 PR	57/44 A8	285 / 205 320 / 225	260 / 185 290 / 200	245 / 175 275 / 195	230 / 160 255 / 180	205 / 145 230 / 160	0.80 1.00
5.0–10	TS-03	TT	4J×10 (3.50B×10)	5.0–10	140	512	234	1 520		4 PR	70/58 A8	355 / 255 400 / 280 470 / 330	320 / 230 360 / 255 420 / 295	305 / 225 340 / 240 400 / 280	285 / 205 315 / 225 375 / 265	255 / 185 285 / 200 335 / 236	1.25 1.50 2.00
5.00–12	TS-02	TT	4.00E×12 (3.00D×12)	5.00–12	145	580	260	1 705		2 PR	61/48 A6	290 / 200 330 / 230	255 / 180 295 / 205	240 / 165 275 / 195	225 / 155 257 / 180	205 / 140 230 / 165	1.00 1.25
5.00–12	TS-02	TT	4.00E×12 (3.00D×12)	5.00–12	145	580	260	1 705		4 PR	74/62 A6	370 / 260 405 / 295 445 / 320	325 / 230 360 / 260 395 / 280	305 / 215 335 / 245 370 / 260	285 / 200 315 / 225 345 / 245	255 / 180 285 / 205 310 / 225	1.50 1.75 2.00
5.00–12	TS-02	TT	4.00E×12 (3.00D×12)	5.00–12	145	580	260	1 705		6 PR	78/66 A6	485 / 340 495 / 350 520 / 370 550 / 390	430 / 300 440 / 310 460 / 325 485 / 345	400 / 285 410 / 290 435 / 305 455 / 325	375 / 265 385 / 270 405 / 285 425 / 300	340 / 240 345 / 245 365 / 260 385 / 270	2.25 2.50 3.00 3.50
6.5/80–12	TS-06	TT	5J×12 (5JA×12)	6.5/80–12	165	604	278	1 810		4 PR	79/68 A8	365 / 265 400 / 285 430 / 305 475 / 345 555 / 405 610 / 440	330 / 235 360 / 255 385 / 275 430 / 310 500 / 365 550 / 395	310 / 225 340 / 240 365 / 260 405 / 290 470 / 345 520 / 375	290 / 210 315 / 225 345 / 245 375 / 275 440 / 325 500 / 355	260 / 188 285 / 202 307 / 218 340 / 245 395 / 288 437 / 315	0.80 1.00 1.20 1.50 2.00 2.40
6.5/80–12	TS-06	TT	5J×12 (5JA×12)	6.5/80–12	165	604	278	1 810		6 PR	89/76 A8	695 / 475 730 / 505 810 / 560	625 / 425 655 / 455 730 / 505	590 / 400 620 / 430 690 / 475	550 / 380 580 / 405 650 / 450	495 / 338 520 / 362 580 / 400	2.75 3.00 3.50
6.5/75–14	TS-02	TT	5J×14	155/165–14	150	610	283	1 830		4 PR	72/60 A6	335 / 235 425 / 300 460 / 325	295 / 215 375 / 265 405 / 285	280 / 195 355 / 250 380 / 270	260 / 185 330 / 230 355 / 250	235 / 170 295 / 210 320 / 225	1.00 1.50 1.70
5.00–15	TS-06	TT	3.00D×15 (4J×15)	5.00–15	129	661	307	1 985		4 PR	75/63 A8	396 / 270 434 / 300 507 / 357 542 / 381	357 / 243 391 / 270 456 / 321 488 / 343	337 / 230 369 / 255 431 / 303 461 / 324	315 / 218 344 / 241 402 / 288 425 / 307	283 / 193 310 / 214 362 / 255 387 / 272	1.25 1.50 2.00 2.20

TS technical data and load capacities



Tyre size	Tread pattern	Type	Rim (permitted)	Tube Flap	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)		Ply rating PR	Service description LI/SS	Tyre load capacity (kg) – free rolling / drive wheel – at speed (km/h)					Tyre pressure (bar)
												10	20	25	30	40	
5.00–15	TS-06	TT	3.00D×15 (4J×15)	5.00–15	129	661	307	1 985		6 PR	84/71 A8	578 / 405 638 / 444 700 / 483	520 / 364 575 / 399 630 / 435	491 / 344 543 / 377 595 / 411	456 / 325 508 / 356 560 / 387	413 / 289 456 / 317 500 / 345	2.50 3.00 3.50
6.5/80–15	TS-06	TT	5J×15 (41/2K×15)	6.5/80–15	163	685	318	2 040		4 PR	86/75 A8	435 / 310 475 / 335 495 / 350 600 / 435 650 / 475 705 / 515 740 / 540	390 / 280 430 / 300 445 / 315 540 / 395 585 / 425 635 / 460 670 / 485	370 / 265 405 / 285 420 / 300 510 / 370 555 / 400 600 / 435 630 / 460	345 / 250 375 / 270 400 / 280 475 / 350 515 / 380 560 / 410 600 / 430	310 / 222 340 / 239 355 / 250 430 / 312 465 / 338 505 / 367 530 / 385	0.80 1.00 1.20 1.50 1.80 2.10 2.40
6.5/80–15	TS-06	TT	5J×15 (41/2K×15)	6.5/80–15	163	685	318	2 040		6 PR	94/82 A8	790 / 560 840 / 595 890 / 630 940 / 665	710 / 505 755 / 535 800 / 565 845 / 600	670 / 475 715 / 505 755 / 535 795 / 565	630 / 450 670 / 475 710 / 505 750 / 530	565 / 401 600 / 425 635 / 450 670 / 475	2.70 3.00 3.30 3.60
6.5/80–15	TS-06	TT	5J×15 (41/2K×15)	6.5/80–15	163	685	318	2 040		8 PR	100/88 A8	1 010 / 710 1 065 / 740 1 120 / 785	910 / 640 960 / 670 1 010 / 705	860 / 600 905 / 630 950 / 670	810 / 565 850 / 595 895 / 630	720 / 505 760 / 530 800 / 560	4.00 4.40 4.80
690×180–15	TS-07	TT	5J×15		176	690	309	2 056		4 PR	100/88 A8	1 030 / 720 1 120 / 785	925 / 650 1 010 / 705	875 / 615 950 / 665	825 / 575 890 / 625	735 / 515 800 / 560	2.00 2.50
10.0/75–15.3	TS-05	TL	9.00×15.3	10–15 HS 10/75–15	264	780	360	2 295		8 PR	118/106 A8	1 665 / 1 210 1 850 / 1 330	1 500 / 1 090 1 665 / 1 195	1 415 / 1 030 1 570 / 1 130	1 335 / 970 1 480 / 1 065	1 190 / 865 1 320 / 950	2.50 3.00
10.0/75–15.3	TS-05	TL	9.00×15.3	10–15 HS 10/75–15	264	780	360	2 295		10 PR	122/111 A8	1 910 / 1 380 1 975 / 1 430 2 100 / 1 525	1 720 / 1 240 1 775 / 1 285 1 890 / 1 375	1 625 / 1 170 1 680 / 1 215 1 785 / 1 295	1 530 / 1 105 1 580 / 1 140 1 680 / 1 220	1 365 / 985 1 410 / 1 020 1 500 / 1 090	3.25 3.50 4.00
11.5/80–15.3	TS-05	TL	9.00×15.3	11.5/80–15	290	867	410	2 550		10 PR	130/119 A8	1 820 / 1 510 2 065 / 1 580 2 430 / 1 735 2 660 / 1 905	1 640 / 1 360 1 860 / 1 425 2 185 / 1 560 2 395 / 1 715	1 545 / 1 285 1 755 / 1 345 2 065 / 1 475 2 260 / 1 620	1 455 / 1 210 1 650 / 1 265 1 945 / 1 390 2 130 / 1 525	1 300 / 1 080 1 475 / 1 130 1 735 / 1 240 1 900 / 1 360	2.25 2.50 3.00 3.50
11.5/80–15.3	TS-05	TL	9.00×15.3	11.5/80–15	290	867	410	2 550		14 PR	139/126 A8	2 970 / 2 170 3 260 / 2 310 3 400 / 2 380	2 670 / 1 955 2 935 / 2 080 3 060 / 2 140	2 525 / 1 845 2 775 / 1 965 2 890 / 2 035	2 375 / 1 735 2 610 / 1 850 2 720 / 1 905	2 120 / 1 550 2 330 / 1 650 2 430 / 1 700	4.00 4.50 4.75
6.00–16	TS-04	TT	4.50E×16 (4.00E×16)	6.00–16	169	735	345	2 160		6 PR	91/79 A8	625 / 440 730 / 520 820 / 580 860 / 610	560 / 395 655 / 465 735 / 525 775 / 550	530 / 375 620 / 440 695 / 495 730 / 520	500 / 350 580 / 410 655 / 460 690 / 490	445 / 315 520 / 370 585 / 415 615 / 437	1.50 2.00 2.50 2.75
6.00–16	TS-04	TT	4.50E×16 (4.00E×16)	6.00–16	169	735	345	2 160		8 PR	100/88 A8	930 / 650 1 030 / 720 1 120 / 785	840 / 585 925 / 650 1 010 / 705	790 / 555 875 / 615 950 / 665	745 / 515 825 / 570 895 / 615	665 / 465 735 / 515 800 / 560	3.00 3.50 4.00

TS technical data and load capacities



Tyre size	Tread pattern	Type	Rim (permitted)	Tube Flap	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)		Ply rating PR	Service description LI/SS	Tyre load capacity (kg) – free rolling / drive wheel – at speed (km/h)					Tyre pressure (bar)
												10	20	25	30	40	
6.00–16	TD-13	TT	4.50E×16 (4.00E×16)	6.00–16	169	735	345	2 160		6 PR	91/79 A8	625 / 440 730 / 520 820 / 580 860 / 610	560 / 395 655 / 465 735 / 525 775 / 550	530 / 375 620 / 440 695 / 495 730 / 520	500 / 350 580 / 410 655 / 460 690 / 490	445 / 315 520 / 370 585 / 415 615 / 437	1.50 2.00 2.50 2.75
7.50–16	TS-04	TT/TL	5.50F×16 (5.00F, 6.00F)	7.50–16	205	803	375	2 360		6 PR	100/88 A8	905 / 630 1 065 / 740 1 120 / 785	815 / 565 960 / 665 1 010 / 705	770 / 535 905 / 630 950 / 665	720 / 500 850 / 585 895 / 630	645 / 450 760 / 525 800 / 560	1.50 2.00 2.25
7.50–16	TS-04	TT/TL	5.50F×16 (5.00F, 6.00F)	7.50–16	205	803	375	2 360		8 PR	108/95 A8	1 220 / 840 1 360 / 935 1 400 / 965	1 095 / 755 1 220 / 840 1 260 / 870	1 035 / 715 1 155 / 795 1 190 / 820	975 / 665 1 085 / 740 1 120 / 775	870 / 600 970 / 665 1 000 / 690	2.50 3.00 3.25
7.50–16	TD-13	TT	5.50F×16 (5.00F, 6.00F)	7.50–16	205	803	375	2 360		6 PR	100/88 A8	905 / 630 1 065 / 740 1 120 / 785	815 / 565 960 / 665 1 010 / 705	770 / 535 905 / 630 950 / 665	720 / 500 850 / 585 895 / 630	645 / 450 760 / 525 800 / 560	1.50 2.00 2.25
7.50–20	TS-04	TT	5.50F×20 (6.00F×20)	7.50–20	205	904	420	2 660		6 PR	103/91 A8	985 / 690 1 155 / 810 1 225 / 680	890 / 620 1 040 / 730 1 105 / 775	840 / 585 980 / 690 1 040 / 730	790 / 545 925 / 640 980 / 690	705 / 490 825 / 575 875 / 615	1.50 2.00 2.25
7.50–20	TD-13	TT	5.50F×20 (6.00F×20)	7.50–20	205	904	420	2 660		6 PR	103/91 A8	985 / 690 1 155 / 810 1 225 / 680	890 / 620 1 040 / 730 1 105 / 775	840 / 585 980 / 690 1 040 / 730	790 / 545 925 / 640 980 / 690	705 / 490 825 / 575 875 / 615	1.50 2.00 2.25
8.3–20	TD-13	TT	W 7×20 (W 6×20)	8.3–20	211	895	416	2 640		6 PR	104/92 A8	915 / 530 1 045 / 660 1 175 / 785	810 / 465 925 / 580 1 035 / 695	760 / 440 865 / 545 975 / 655	710 / 410 810 / 510 910 / 610	630 / 370 720 / 460 810 / 550	0.80 1.20 1.60 2.00

For non-standard version, please contact a producer.
These tyres are for normal agricultural use and not for continuous highway service.

TL = Tubeless
TT = Tube Type

Variation in load capacity with speed dependence – free rolling wheels

Implement, Implement Traction, Tractor Small

Speed cat.		0	10	15	20	25	30	35	40	45	50
A6 (30 km/h)	LLV HLV	+65% +98%	+29% +55%	+21% +45%	+14% +37%	+7% +28%	(0) +20%	–5% +14%	–10% +8%	– –	– –
A8 (40 km/h)	LLV HLV	+65% +98%	+40% +68%	+33% +60%	+26% +51%	+19% +43%	+12% +34%	+5% +26%	(0) +20%	–5% +14%	–10% +8%

Variation in load capacity with speed dependence – drive wheels

Implement, Implement Traction, Tractor Small

Speed cat.		0	10	15	20	25	30	35	40	45	50
A6 (30 km/h)	LLV HLV	+135% +193%	+29% +84%	+21% +73%	+14% +63%	+7% +53%	(0) +43%	–5% +36%	–10% +29%	– –	– –
A8 (40 km/h)	LLV HLV	+135% +193%	+40% +100%	+33% +90%	+26% +80%	+19% +70%	+12% +60%	+5% +50%	(0) +43%	–5% +36%	–10% +29%

LLV = Low Load Variation

HLV = High Load Variation is where the tyre load varies by a factor of "2" or more between loaded and unloaded conditions. The inflation pressure must be increased for HLV application, consult the tyre manufacturer for details. In the case of HLV, the maximum distance should not exceed 1 km. For a longer distance, consult the tyre manufacturer.

Tractor front tyres with balanced properties
for perfect handling on and off the road

108



TF-01

Multi-rib tread profile without any lateral tread elements and side lugs.



TF-03

Multi-rib tread pattern with very strong shoulder lugs and lateral tread elements.



Universal application



TF-04

Pattern with high stability in track due to deep relief of design.



TF-05

Designed for non-driven tractor wheels. Improved on-road performance and straight-line steering characteristics.



TF-06

Pattern with very long service life and excellent steering characteristics, mainly on soft terrain.



Longer service life



IM-05

Special tread pattern developed for steering wheels of industrial tractors.



Agricultural + industrial use

109

Tread patterns and sizes overview

Tyre size	TF-01	TF-03	TF-04	TF-05	TF-06	IM-05
6.00-16	•	•			•	
6.50-16		•		•		
7.50-16	•	•		•		
9.00-16		•				
10.00-16		•				
11L-16						•
6.00-18		•	•			
6.50-20		•	•	•		
7.50-20	•	•		•		



TF technical data and load capacities



Tyre size	Tread pattern	Type	Rim (permitted)	Tube	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)		Ply rating PR	Service description LI/SS	Tyre load capacity (kg) at speed (km/h)				Tyre pressure (bar)
												10*	20	30	40	
6.00-16	TF-01	TT	4.50E×16 (4.00E, 5K, 5.00F)	6.00-16	165	735	340	2 160				445	400	295	235	1.00
												535	480	355	285	1.50
												630	565	420	335	2.00
												720	650	480	385	2.50
												805	720	535	430	3.00
												840	755	560	450	3.30
6.00-16	TF-03	TT	4.50E×16 (4.00E, 5K, 5.00F)	6.00-16	165	735	340	2 160			88 A6 (80 A8)	445	400	295	235	1.00
												535	480	355	285	1.50
												630	565	420	335	2.00
												720	650	480	385	2.50
												805	720	535	430	3.00
												840	755	560	450	3.30
6.00-16	TF-06	TT	4.50E×16 (4.00E, 5K, 5.00F)	6.00-16	165	735	340	2 160			88 A6 (80 A8)	445	400	295	235	1.00
												535	480	355	285	1.50
												630	565	420	335	2.00
												720	650	480	385	2.50
												805	720	535	430	3.00
												840	755	560	450	3.30
6.50-16	TF-03	TT	4.50E×16 (4.00E, 5K, 5.00F, 5.50F)	6.50-16	175	760	350	2 230			91 A6 (83 A8)	475	425	315	250	1.00
												580	520	385	310	1.50
												685	615	455	365	2.00
												790	710	525	420	2.50
												900	810	600	480	3.00
												925	830	615	485	3.20
6.50-16	TF-03	TT	4.50E×16 (4.00E, 5K, 5.00F, 5.50F)	6.50-16	175	760	350	2 230			97 A6 (89 A8)	1 065	960	710	560	4.00
												1 095	985	730	580	4.20
6.50-16	TF-05	TT	4.50E×16 (4.00E, 5K, 5.00F, 5.50F)	6.50-16	175	760	350	2 230			91 A6 (83 A8)	475	425	315	250	1.00
												580	520	385	310	1.50
												685	615	455	365	2.00
												790	710	525	420	2.50
												900	810	600	480	3.00
												925	830	615	485	3.20
7.50-16	TF-01	TT	5.50F×16 (5.00F, 6.00F)	7.50-16	205	805	370	2 365			98 A6 (90 A8)	780	700	520	415	1.50
												925	830	615	490	2.00
												1 050	945	700	560	2.50
												1 125	1 015	750	600	2.80
7.50-16	TF-03	TT	5.50F×16 (5.00F, 6.00F)	7.50-16	205	805	370	2 365			98 A6 (90 A8)	780	700	520	415	1.50
												925	830	615	490	2.00
												1 050	945	700	560	2.50
												1 125	1 015	750	600	2.80

TF technical data and load capacities



Tyre size	Tread pattern	Type	Rim (permitted)	Tube	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)		Ply rating PR	Service description LI/SS	Tyre load capacity (kg) at speed (km/h)				Tyre pressure (bar)
												10*	20	30	40	
7.50-16	TF-03	TT	5.50F×16 (5.00F, 6.00F)	7.50-16	205	805	370	2 365		8 PR	103 A6 (96 A8)	1 160	1 045	775	620	3.10
												1 210	1 090	805	645	3.30
												1 260	1 135	840	670	3.50
												1 315	1 180	875	710	3.70
7.50-16	TF-05	TT	5.50F×16 (5.00F, 6.00F)	7.50-16	205	805	370	2 365		6 PR	98 A6 (90 A8)	780	700	520	415	1.50
												925	830	615	490	2.00
												1 050	945	700	560	2.50
												1 125	1 015	750	600	2.80
9.00-16	TF-03	TT	W 8×16 (6.00F, W 7, W 8L)	9.00-16	234	855	395	2 514		6 PR	104 A6 (97 A8)	835	750	555	445	1.00
												1 035	930	690	550	1.50
												1 245	1 120	830	665	2.00
												1 350	1 215	900	730	2.30
9.00-16	TF-03	TT	W 8×16 (6.00F, W 7, W 8L)	9.00-16	234	855	395	2 514		8 PR	111 A6 (103 A8)	1 450	1 300	965	770	2.50
												1 510	1 355	1 005	805	2.70
												1 570	1 410	1 045	835	2.90
												1 635	1 470	1 090	875	3.10
10.00-16	TF-03	TT	W 8×16 (W 8L×16)	9.00-16 10.00-16	274	895	411	2 630		8 PR	118 A6 (114 A8)	1 075	895	715	645	1.00
												1 335	1 110	890	800	1.50
												1 585	1 320	1 055	950	2.00
												1 835	1 530	1 220	1 100	2.50
11L-16	IM-05 (F 3)	TL	W 8×16	-	285	805	372	2 365		10 PR	119 A6 (115 A8)	1 970	1 640	1 310	1 180	2.80
												1 150	1 035	920	820	2.00
												1 365	1 230	1 090	975	2.50
												1 520	1 365	1 215	1 085	3.00
6.00-18	TF-03	TT	4.50E×18 (4.00E, 5K, 5.00F)	6.00-18	160	790	365	2 323		6 PR	96 A6 (88 A8)	1 660	1 495	1 325	1 185	3.50
												1 700	1 530	1 360	1 215	3.75
												705	635	470	375	2.00
												855	770	570	455	2.50
6.00-18	TF-04	TT	4.50E×18 (4.00E, 5K, 5.00F)	6.00-18	160	790	365	2 323		6 PR	96 A6 (88 A8)	1 005	905	670	535	3.00
												1 065	960	710	560	3.20
												705	635	470	375	2.00
												855	770	570	455	2.50
6.50-20	TF-03	TT	5.00F×20 (4.00E, 5.50F)	6.50-20 7.00-20	175	865	408	2 543		6 PR	97 A6 (89 A8)	1 005	905	670	535	3.00
												1 065	960	710	560	3.20
												795	715	530	425	2.00
												930	835	620	495	2.50
6.50-20	TF-03	TT	5.00F×20 (4.00E, 5.50F)	6.50-20 7.00-20	175	865	408	2 543		6 PR	97 A6 (89 A8)	1 060	950	705	565	3.00
												1 095	985	730	580	3.20

TF technical data and load capacities



Tyre size	Tread pattern	Type	Rim (permitted)	Tube	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)		Ply rating PR	Service description LI/SS	Tyre load capacity (kg) at speed (km/h)				Tyre pressure (bar)
												10*	20	30	40	
6.50-20	TF-04	TT	5.00F×20 (4.00E, 5.50F)	6.50-20 7.00-20	175	865	408	2 543		6 PR	97 A6 (89 A8)	795 930 1 060 1 095	715 835 950 985	530 620 705 730	425 495 565 580	2.00 2.50 3.00 3.20
6.50-20	TF-05	TT	5.00F×20 (4.00E, 5.50F)	6.50-20 7.00-20	175	865	408	2 543		6 PR	97 A6 (89 A8)	795 930 1 060 1 095	715 835 950 985	530 620 705 730	425 495 565 580	2.00 2.50 3.00 3.20
7.50-20	TF-01	TT	5.50F×20 (5.00F, 6.00F)	7.50-20	205	915	420	2 690		6 PR	103 A6 (96 A8)	880 1 050 1 215 1 315	790 945 1 095 1 180	585 700 810 875	470 560 650 700	1.50 2.00 2.50 2.80
7.50-20	TF-03	TT	5.50F×20 (5.00F, 6.00F)	7.50-20	205	915	420	2 690		6 PR	103 A6 (96 A8)	880 1 050 1 215 1 315	790 945 1 095 1 180	585 700 810 875	470 560 650 700	1.50 2.00 2.50 2.80
7.50-20	TF-05	TT	5.50F×20 (5.00F, 6.00F)	7.50-20	205	915	420	2 690		6 PR	103 A6 (96 A8)	880 1 050 1 215 1 315	790 945 1 095 1 180	585 700 810 875	470 560 650 700	1.50 2.00 2.50 2.80

* Basic Inflation Pressure must be increased about 25%.

TL = Tubeless
TT = Tube TypeFor non-standard version, please contact a producer.
These tyres are for normal agricultural use and not for continuous highway service.

Variation in load capacity with speed dependence

Tractor Front – Steering wheels

Speed category	10 *	15	20	25	30	35	40	45
Speed category A6	+50 %	+43 %	+35 %	+15 %	(0)	-10 %	-20 %	-
Speed category A8	+67 %	+50 %	+39 %	+28 %	+11 %	+4 %	(0)	-7 %

* Basic Inflation Pressure must be increased about 25%.
If a front-end loader is fitted on the tractor, +100% applies.

Bantam tyres for light agricultural equipment and hand trucks



Bantam tyres technical data and load capacities

Tyre size	Tread pattern	Ply rating PR	Service description LI/SS	Type	Rim (permitted)	Tube Flap	Section width (mm)	Overall diameter (mm)	Tyre load capacity (kg)	Tyre pressure (bar)
16×4	B 2	4 PR	71 A2	TT	2.50A×8	16×4	114	415	345	3.5
16×4	B 5	4 PR	71 A2	TT	2.50A×8	16×4	114	415	345	3.5
3.50-8	B 6	2 PR	42 A4	TT	2.50×8	3.50-8	100	393	150	2.0

These tyres are for normal agricultural use and not for continuous highway service.
TT = Tube Type



Tread pattern marking – United States

Production name	United States Marking	Production name	United States Marking
HC 1000	R-1W	IM-01	I-3
HC 2000	R-1W	IM-02	I-3
SFT	R-1W	IM-03	I-1
AC 70 T	R-1W	IM-04	I-1
AC 85	R-1W	IM-06	I-1
AC 90	R-1W	IM-07	I-1
RD-01	R-1W	IM-08	I-1
RD-02	R-1W	IM-09	I-2
RD-03	R-1W	IM-10	I-1
TF-01	F-2	TR-01	R-1
TF-03	F-2	TR-03	R-4
TF-04	F-2	TR-04	R-4
TF-05	F-2	TR-05	R-4
TF-06	F-2	TR-06	I-3
IM-05	F-3	TR-07	I-3
AR-01	I-3 / HF-2	TR-08	I-3 / HF-2
AR-02	I-3 / HF-2	TR-09	R-4
AGRITERRA 02	I-3 / HF-2	TR-10	R-4
AGRITERRA 03	I-3 / HF-3	TR-11	R-4
TD-01	R-1	TR-12	R-4
TD-02	R-1	TS-01	R-1
TD-03	R-1	TS-02	R-1
TD-05	R-2	TS-03	R-1
TD-13	R-1	TS-04	R-1
TD-17	R-1	TS-05	R-1
TD-19	R-1	TS-06	R-1
AF-01	R-1	TS-07	R-1

Use and Maintenance

STORAGE

- > Keep the tyres clean and away from heat, light, ozone or hydrocarbon sources.
- > Avoid prolonged exposure of the tyres to direct sunlight.
- > Avoid any contact with grease, petrol, volatile solvents or other substances that may deteriorate the rubber.
- > Avoid horizontal storage for tubeless tyres, only small size tyres may be stacked or stored flat (maximum 6 months).
- > When tyres are stored flat (horizontal), the position must be lug against lug.
- > Reduce inflation pressure when tyres are stored fitted on rims.
- > Ensure there is no water or moisture inside the tyre.
- > Never store tyres directly in contact with the ground for long periods.

PROPER USE OF TYRES

- > When loading tyres you have to consider the correlation between speed, inflation pressure and load capacity.
- > Overloading results in premature tyre failure. Use the technical documentation and inflation tables which show the load and pressure figures for different operating speeds.
- > Underinflation results not only in incorrect tread wear but also in ply separation and eventually further damage to the ply.
- > Overinflation makes the tyre stiff and decreases its resistance against hits, leading to ply tear.

REPAIRS TO TYRES

- > For safety reasons, repairs should only be carried out by specialists using the correct tools.



Check inflation pressure regularly



Avoid contact with grease, oil and other chemicals



Inspect tyres for damage and irregularities



Observe tyre and vehicle load limits



Read safety and maintenance recommendations



Use only authorised repair

Fitting and removal instructions

Demounting and mounting procedures can be dangerous, and should be performed only by trained and qualified staff, using proper tools and procedures. Failure to comply with these procedures may result in faulty positioning of the tyre on the rim, and cause the tyre to burst with explosive force leading to serious physical injury or death.

> FITTING

1. Make sure that the rim, the tyre and the tube are compatible.
2. Check that the tyre is suitable for the machine. Use only rims recommended or permitted by the tyre manufacturer.
3. Always use the proper specialised equipment and tools.
4. The rim must be clean and in perfect condition (no damage, etc.). If necessary, clean the rim thoroughly with a wire brush. Never fit a tyre onto a rim that shows cracks, significant distortion, evidence of welded repair, etc.
5. Thoroughly inspect the inside as well as the outside of the tyre in order to identify any damage which may be present. If the damage is considered to be beyond repair, the tyre should be scrapped.
6. If fitting with a tube, always use the correct new tube and flap for the tyre size. For fitting tubeless tyres without tubes, on tubeless rims, always use a new tubeless valve.
7. Before fitting, lubricate the rim and the beads. Use only a suitable lubricant that will not damage the tyre (never use silicone or petroleum-based products).
8. We recommend vertical fitting. In case of horizontal fitting it is impossible to see if the lower bead is correctly seated.
9. Fit the tyre on the rim diametrically opposite to the valve hole (respect, if present, the rotation direction indicated by the arrows). With the help of a suitable lever and closely repeated applications, get the first bead over the rim flange. Then pose the lightly inflated talc coated tube (if fitted) inside the tyre. Locate the valve, fitting the ferrule loosely. Fit the second bead, lever it progressively over the rim flange, finish at the valve.
10. For seating the beads and centring of the tyre, remove the valve core. Slowly inflate to ensure correct seating of the beads. Ensure that the beads do not pinch the tube.
11. During tyre inflation keep at a safe distance and always use a safety cage. If possible, fasten the tyre to the wall or use retaining chains. During pressure readings ensure that no part of the body is within the possible trajectory of the valve mechanism or of the caps. It is recommended to use suitable pressure limitation gauges. Use a filter and dehumidifier on the compressed air line to avoid introducing humidity or dirt. Never use a hammer to make a tyre bead seat by hitting it.
12. Continue inflation. Make sure that you do not inflate beyond 2,5 bar if the beads are not well seated and centred on the wheel.
13. If the beads are not correctly seated, deflate, lubricate and inflate again. Repeat these operations until the beads are correctly seated.
14. When all the previous operations have been correctly done refit the valve core. Set the pressure according to the load – see tables in technical databook.
15. Make sure the valves do not touch the rims, the brake drums or other fixed mechanical parts.

> REMOVING

- > Never try to unseat the beads of an inflated tyre.
- > Always remove the valve core.
- > Let the tyre deflate, check before unseating that the tyre is completely deflated. Never use tools that could damage the rims or the beads of the tyre.

Water ballasting of tractor tyres

In some cases, it is necessary to add weight to tyres to increase traction power. Filling the tyre with a liquid (water) is a simple and inexpensive way. It is possible to add liquid to the tyres up to 75 % of their volume. In winter, to avoid the water damaging the tyres when it freezes, suitable quantities of anti-freeze must be added.

> INSTRUCTIONS FOR ADDING LIQUID

1. Jack the wheel up and position the valve at the highest vertical point.
2. Unscrew the removable valve body from the valve and connect a combined air-water fill and draining valve to the valve chunk. Air can be removed from the tyre through this valve while the water is entering.
3. Introduce the water or anti-freeze mixture into the tyre. Stop filling when liquid starts to issue from the valve. The quantity of liquid added will be about 75 %. Do not over-fill!
4. Replace the valve body and inflate the tyre to the recommended operating pressure.
5. Clean all metal parts – anti-freeze solution is corrosive.

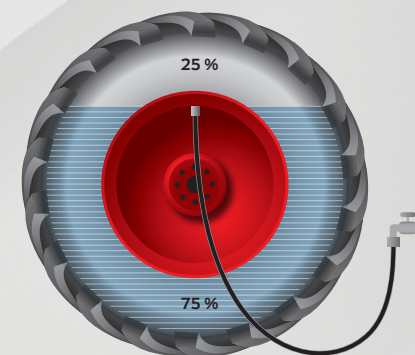
> INSTRUCTIONS FOR DRAINING LIQUID

1. Jack the wheel up and position the valve at the lowest vertical point.
2. Unscrew the valve core and let the water drain out.
3. Attach a small rubber hose of suitable length to the locking washer and insert the hose into the tyre tube, then screw the washer down over the stem of the valve.
4. Inflate the tyre with air.
5. Remove the internal valve stem and let the remaining water drain from the tyre.
6. Remove the rubber hose and reassemble the valve. Inflate with air up to the recommended pressure.

> ANTI-FREEZE SOLUTION

- > As protection against frost, it is recommended to add Calcium Chloride (CaCl_2). If a tubeless tyre is mounted, we recommend that the rim should be treated against corrosion or an inner tube must be used.
- > Remember – prepare the solution by pouring the Calcium Chloride into the water, stirring to help it dissolve. Never pour water on to Calcium Chloride, it is dangerous.

CaCl_2 per litre of water	Protection to
200 g	– 10 °C
250 g	– 15 °C
300 g	– 20 °C
350 g	– 25 °C
400 g	– 30 °C



Rim specification

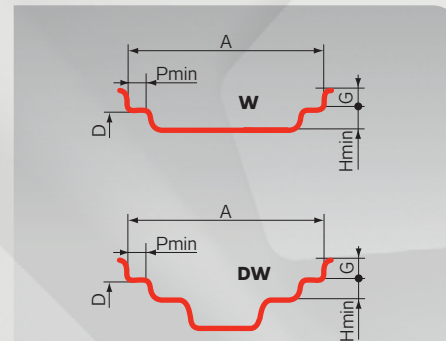
SAMPLE OF RIM MARKING

DW18L x 38	MEANING
DW	Rim Contour
18	Nominal Rim Width in inches
L	Flange Height code
x	One-piece rim
38	Nominal Rim Diameter in inches

FURTHER SAMPLES OF MARKING

W	Wide Drop Centre – Single Well shape rim
DW	Wide Drop Centre – Double Well shape rim
SDC	Semi-drop Centre rim
–	Multi-piece rim
x	One-piece rim
H2	Double Hump
DC	Drop Centre rim

W AND DW RIMS



Type	A	G	P min.	H min.
W 6	152.5	22.5	23.5	20.5
W 7	178.0	22.5	23.5	20.5
W 8	203.0	22.5	23.5	20.5
W 9	228.5	25.5	27.0	20.5
W 10	254.0	25.5	27.0	20.5
W 11	279.5	25.5	27.0	20.5
W 12	305.0	25.5	27.0	20.5
W 13	330.0	25.5	27.0	20.5
W 8 L	203.0	22.5	27.0	20.5
W 14 L	355.5	25.5	27.0	20.5
W 15 L	381.0	25.5	33.0	20.5
W 16 L	406.5	25.5	33.0	20.5
W 18 L	457.0	25.5	33.0	20.5
DW 16 L	406.5	25.5	50.5	27.0
DW 18 L	457.0	25.5	50.5	27.0
DW 20 B	508.0	29.0	50.5	27.0
DW 21 B	533.5	29.0	50.5	27.0
DW 23 B	584.0	29.0	50.5	27.0

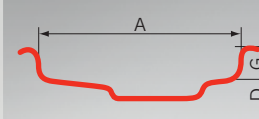
Nominal	16"	18"	20"	24"
D	405.6	462.0	512.8	614.4

Nominal	26"	28"	30"	32"
D	665.2	716.0	766.8	817.6

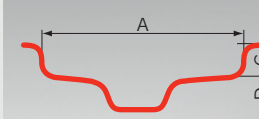
Nominal	34"	36"	38"	42"
D	868.4	919.2	970.0	1 071.6

Nominal	46"	48"	50"	54"
D	1 173.2	1 224.0	1 274.8	1 376.4

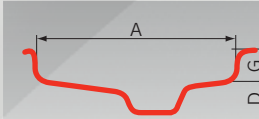
5° DROP-CENTRE RIMS



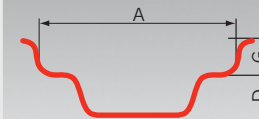
Rim	A	G	D
3.00B x 10	76.0	14.1	253.20
3.50B x 10	89.0	14.1	253.20
4J x 10	101.5	17.3	253.20
4J x 15	101.5	17.3	380.20
41/2K x 15	114.5	18.0	380.20
5J x 12	127.0	17.3	304.00
5J x 14	127.0	17.3	354.80
5J x 15	127.0	17.3	380.20



Rim	A	G	D
2.50 x 8	63.5	14.0	202.4
2.50A x 8	63.5	11.5	202.4
3.00D x 8	76.0	17.5	202.4
3.00D x 10	76.0	18.0	253.2
3.00D x 12	76.0	18.0	304.0
3.00D x 15	76.0	18.0	380.2

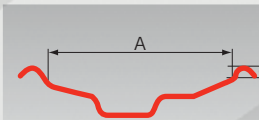


Rim	A	G	D
9 x 18	228.5	25.5	462.0
9.00 x 12	228.5	19.0	305.6
9.00 x 15.3	228.5	19.0	388.8
11 x 18	279.5	25.5	462.0
12 x 18	305.0	25.5	462.0
13 x 17	330.0	25.5	436.6
13.00 x 17	330.0	19.0	436.6
16.00 x 17	406.5	19.0	436.6



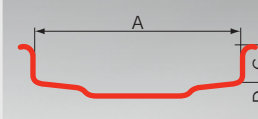
Rim	A	G	D
4.00E x 12	101.5	20.0	304.0
4.00E x 16	101.5	20.0	405.6
4.50E x 16	114.5	20.0	405.6
5.00F x 16	127.0	22.5	405.6
5.00F x 20	127.0	22.5	512.8
5JA x 12	127.0	16.0	304.0
5.50F x 16	139.5	22.5	405.6
5.50F x 20	139.5	22.5	512.8
6.00F x 16	152.5	22.5	405.6
6.00F x 20	152.5	22.5	512.8
7.00 x 12	178.0	20.5	304.0
7.00 x 15	178.0	20.5	380.2
7.00I-16 **	178.0	16.0	405.6

15° DROP-CENTRE RIMS

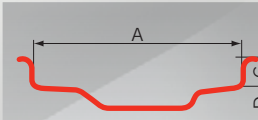


Rim	A	G	D
6.75 x 14.5	171.5	12.7	368.3
10.50 x 17.5	266.5	12.7	444.5
11.75 x 22.5	298.5	12.7	571.5
13.00 x 15.5	330.0	12.7	393.7
14.00 x 22.5	355.6	12.7	571.5
16.00 x 22.5	406.4	12.7	571.5
20.00 x 22.5	508.0	12.7	571.5
AG20.00 x 26.5	508.0	12.7	673.1
AG24.00 x 26.5	609.5	12.7	673.1
AG20.00 x 30.5	508.0	12.7	774.7

5° SEMI DROP-CENTRE RIMS

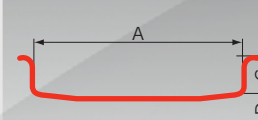


Rim	A	G	D
13 x 20 SDC	330.0	25.5	512.8



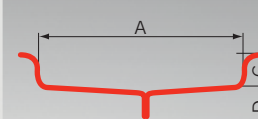
Rim	A	G	D
13LB x 15	330.2	11.0	380.2

5° TAPERED RIMS



Rim	A	G	D
7.0-401.5	178.0	38.0	401.5

5° DIVIDED RIMS



Rim	A	G	D
2.10-4 *	53.5	12.0	100.8

D Specified diameter (mm)
 * divided rim
 ** multi-piece rim

Terms and shortcuts used in this catalogue

Acronyms	Meaning	Definition
PR	Ply Rating	Identifies different versions (load capacity/inflation pressure) of tyres having the same size designation.
TYPE	Tubeless or Tube Type	Tubeless (TL) – Tyres specifically designed for fitment without an inner tube on appropriate rims. Tubeless tyres may be used with a tube.
LI	Load Index	Is a numerical code associated with the maximum load a tyre can carry at the speed indicated by its Speed Symbol under service conditions specified by the tyre manufacturer.
SS	Speed Symbol	Indicates the maximum speed at which the tyre can carry a load corresponding to its Load Index under service conditions specified by the tyre manufacturer.
	Free Rolling Wheels	Free rolling wheels, which do not transmit motion, e.g. trailer.
	Drive Wheels	Drive wheels, which transmit motion, e.g. drive wheel axle on tractors.
RIM	Recommended Rim	The rim which gives the best fitment of the tyre for all conditions and types of service.
RIM (PERMITTED)	Permitted Rim	Any rim which can be permitted in addition to the recommended rim.
	New Tyre Dimensions	The dimensions of an unloaded new tyre mounted on its Measuring Rim at the recommended inflation pressure and allowed to stand for a minimum of 24 hours at normal room temperature before readjustment of the pressure back to its original level.
	Section Width (design)	The linear distance between the outsides of the sidewalls of an inflated new tyre excluding elevations due to labelling (marking), decorations, or protective bands or ribs.
	Overall Diameter (design)	The diameter of an inflated tyre at the outermost surface of the tread.
	Static Radius (theoretical nominal)	The radius of the new tyre loaded at the maximum load capacity and with the corresponding tyre pressure.

Acronyms	Meaning	Definition
	Rolling Circumference (theoretical nominal)	The circumference of the tyre loaded at the maximum load capacity and with the corresponding tyre pressure.
LOAD CAPACITY	Tyre Load Carrying Capacity	The maximum load (kg) a tyre is permitted to carry under specified operating conditions. In the case of twin-fitted driven wheels, a factor of 1.76 is applied to the load capacity of a single fitment tyre.
	Inflation Pressure	The “cold” pressure (kPa) of the fluid with which the tyre is inflated.
HLV	High Load Variation	Is where the tyre load varies by a factor of “2” or more between loaded and unloaded conditions. The inflation pressure must be increased for HLV application, consult the tyre manufacturer for details. In the case of HLV, the maximum distance should not exceed 1 km and maximum speed 10 km/h. For a longer distance or higher speed, consult the tyre manufacturer. Example of purpose: without HLV – normal use with constant load in transport service, on tractor in field service, e.g. trailer, tractor; with HLV – use with various load conditions, factor > 2 between loaded and unloaded, e.g. loaders
LLV	Low Load Variation	Standard application with low load difference between loaded and unloaded conditions.
WATER 75%	Capacity of Water	Capacity of water for Water ballasting.
ETRTO	The European Tyre and Rim Technical Organisation	Data in this Technical Databook are consistent with ETRTO standards.
	Speed Radius Index	The Speed Radius Index is by convention a parameter used exclusively for the calculation of the theoretical speed of tractors during European Union homologation procedures and for interchangeability of different tyre sizes.
	Nominal Section Width	The section width of an inflated tyre mounted on its theoretical rim and indicated in the tyre size designation.
IND		Agricultural tyres for traction wheels for construction applications with load capacities and inflation pressures which differ from those for tyres with the same size designation for use on agricultural tractors.
REINFORCED		Tyres with better protection against tyre damage (puncture). The load capacity and tyre dimensions remain standard.

Sales organisations worldwide

D DK

Mitas GmbH

Großer Kolonnenweg 23
D-30163 Hannover
Germany
Phone: +49 511 936176-10
Fax: +49 511 936176-98
info-de@mitas-tyres.com

A

Mitas GmbH

Gregor Mendel Strasse 8-12
A-2514 Traiskirchen
Austria
Phone: +43 2252 50 86 84
Fax: +43 2252 50 86 84-50
service_at@mitas-tyres.com

CH

Mitas GmbH

Station-Ost 9
CH-6023 Rothenburg
Switzerland
Phone: +41 41 210 82 00
Fax: +41 41 210 82 01
info-ch@mitas-tyres.com

CZ

MITAS a.s.

Švehlova 1900/3
106 00 Praha 10
Czech Republic
Phone: +420 267 111 595
obchod@mitas-tyres.cz

E P

Mitas Tyres, S.L.U.

Avda. Somosierra 12B 2ªA
28703 S.S. de los Reyes (Madrid)
Phone: +34 91 490 44 80
Fax: +34 91 490 44 81
info-sp@mitas-tyres.com

F

Mitas

8 rue Louis Neel
21000 Dijon
France
Phone: +33 (0)3.80.28.06.95
Fax: +33 (0)3.80.28.06.99
info.france@mitas-tyres.com

NL B LU

Mitas Tyres B.V.

Jagersveld 24
5405 BW Uden
Nederland/Les Pays-Bas
Tel: +31 (0)413 225 220
België Lokaal: 078 050 500
Fax: +31 (0)413 225 226
sales-benelux@mitas-tyres.com

FIN N S

MITAS a.s.

Sellukatu 5 D 23
33400 Tampere
Finland
Phone: +358 (0)3 345 0490
Fax: +358 (0)3 345 0590
info-fi@mitas-tyres.com

GB IRL

Mitas Tyres Ltd.

Unit 6, Bergen Way Business Park
North Lynn Industrial Estate
King's Lynn
Norfolk PE30 2DD
Great Britain
Phone: +44 01553 817740
sales@mitas-tyres.com

I

Mitas S. r. l.

Vicolo del Caldo 20
210 47 Saronno (VA)
Italy
Phone: +39 02 96 70 12 11
Fax: +39 02 96 70 62 53
info-it@mitas-tyres.com

RUS

MITAS Ltd.

3rd Tverskaya Yamskaya 36/40, Off. 91
125047 Moscow
Russia
Tel., fax: +7 499 9787631
info-ru@mitas-tyres.com

USA & Canada

Mitas Tires North America Inc.

7400 Carmel Executive Park, Suite 100
Charlotte, NC 28226
USA
Phone: +1-704-542-3422
Fax: +1-704-542-3474
info@mitas-tires.com

Mexico

Mitas, S. de R.L. de C.V.

Torre Plaza Bosques Desp. 502
Av. Universidad # 1001
Col. Bosques del Prado
C.P. 20127
Aguascalientes, Ags. Mexico
Phone: +52 449 153 23 50
Fax: +52 449 153 23 53
rubenvarelacgs@prodigy.net.mx

Central and South America

MITAS a.s.

Švehlova 1900/3
106 00 Praha 10
Czech Republic
Contact person: Jiří Kotrč
Phone: +420 267 111 540
Fax: +420 271 750 214
jiri.kotrc@mitas-tyres.com

Turkey, Arabic States, Asia, Australia, New Zealand, African States

MITAS a.s.

Švehlova 1900/3
106 00 Praha 10
Czech Republic
Contact person: Josef Hrdina
Phone: +420 267 111 535
Fax: +420 271 750 214
josef.hrdina@mitas-tyres.com

Poland, Belarus, Ukraine, Moldova, Slovakia, Kazakhstan, Uzbekistan, Kirgizstan, Turkmenistan, Tajikistan, Mongolia, Kaliningrad, Georgia, Azerbaijan, Armenia

MITAS a.s.

Švehlova 1900/3
106 00 Praha 10
Czech Republic
Contact person: Otakar Korběl
Phone: +420 267 111 550
Fax: +420 271 750 214
otakar.korběl@mitas-tyres.com

Baltic States, Balkan States, Slovenia, Hungary

MITAS a.s.

Švehlova 1900/3
106 00 Praha 10
Czech Republic
Contact person: Vladimír Bartl
Phone: +420 267 111 225
Fax: +420 271 750 214
vladimir.bartl@mitas-tyres.com

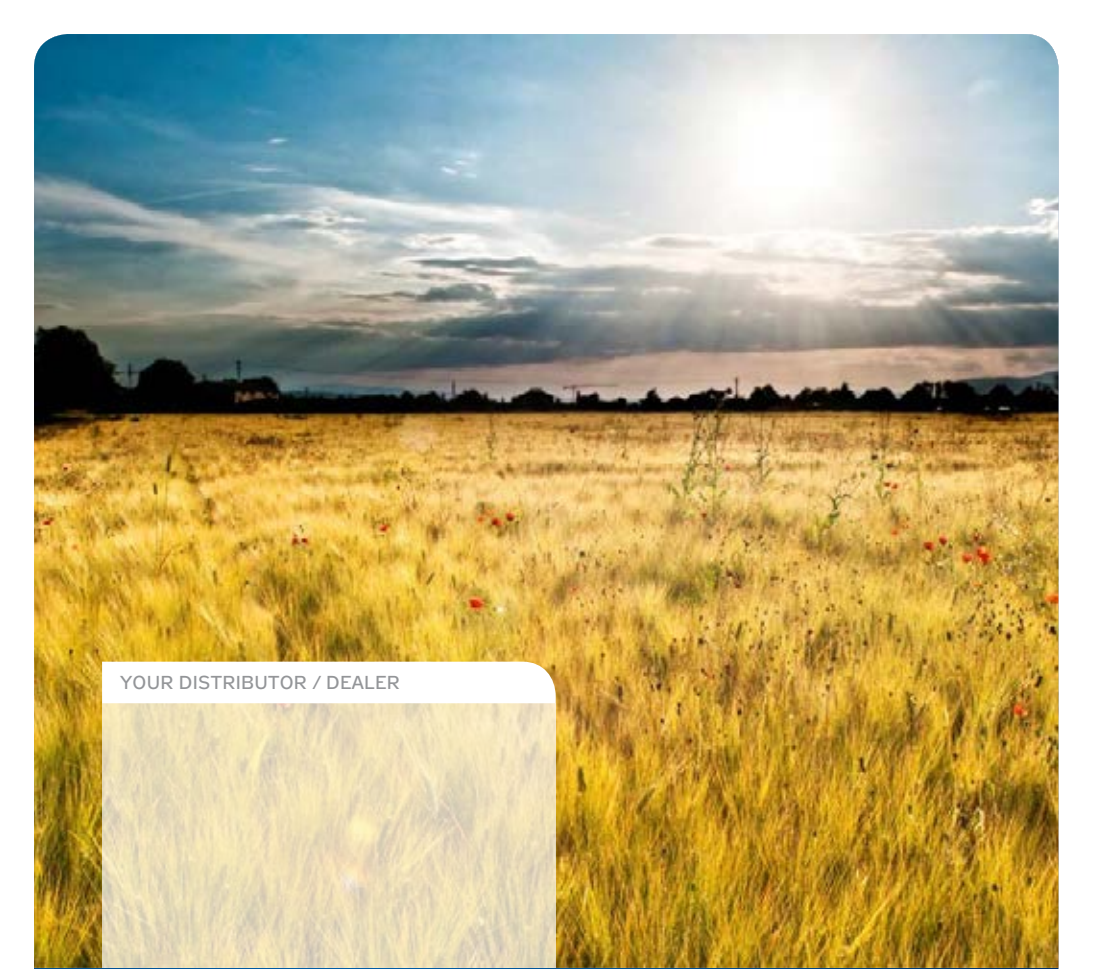
CGS holding, our parent company

MITAS a.s. belongs to CGS a.s., a holding company with the most comprehensive portfolio of rubber production in the Czech Republic. CGS a.s. manufactures and globally distributes products for the automotive industry and other industries.

CGS holding subsidiaries, brands, products and services

SUBSIDIARIES	BRANDS	PRODUCT & SERVICES
Mitas	Mitas Continental Trademark licensed by Continental AG Cultor	– Agricultural Tyres – Multipurpose, Earthmoving and Forklift Tyres, Earthmover, Crane, Multipurpose and Industrial Tyres – Motorcycle Tyres – Truck Tyres – Aircraft Tyres
Savatech	Sava Savatech, s.r.o.	– Rubber Compounds – Conveyor Belts – Rubber Profiles – Offset Printing Blankets – Environmental Protection & Rescue Products – Tyres for scooters, mopeds, motorcycles – Moulded Products
Rubena Sico Rubena	Rubena Sico Rubena	– Rubber Compounds – V-Belts – Rubber Moulded Parts – Rubber to Metal Products – Sealing Elements – Silicone Products – Air Springs and Power Elements – Rubber-Coated Rollers – Rubber Dams – Waterwalls – Bicycle Tyres – Bicycle Tubes – Ice Hockey Pucks
Antikor	Antikor	– Chemical vessel rubber coating
KOT		– Curing moulds and testing





YOUR DISTRIBUTOR / DEALER



MITAS a. s. is fully compliant with the limits on Polycyclic Aromatic Hydrocarbons (PAHs) determined by the European Directive EC/2005/69 and REACH Regulation EC/1907/2006, since December 1st 2009.

MITAS a. s.

Švehlova 1900/3, 106 00 Prague 10, Czech Republic
Phone: +420 267 111 522 Fax: +420 271 750 214
business@mitas-tyres.com
www.mitas-tyres.com

Mitas