Technical Databook Agricultural Tyres

2014/2015

agricultural tyres

Continental

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Contents

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Introduction

The extensive technical data and other information relating to tyres and accessories on the following pages have been compiled to reflect as accurately and completely as possible the current state of development.

For special information please contact us:

MITAS a.s.
Svehlova 1900/3
106 00 Praha 10, Czech Republic

For the addresses of our sales organisations see page 122/123.

Because of changes in our product range the tyre sizes given in this guide are not always identical to our available range.

Warning

The following instructions must be observed if vehicle safety is to be guaranteed. This applies above all to instructions regarding tyre pressure. Failure to comply with these instructions could result in tyre damage that may lead to tyre failure under certain circumstances.

Blow-outs can cause traffic accidents involving damage to property and/or personal injury.

Tyre designation

For marking the tyre load-capacity a numeric code, the load index (LI), is used.
In addition to the Load Index, a Speed Symbol (SS) is used to designate the **speed category** of the tyres, see tables below.

An equivalent designation for agricultural tyres will be given in **ECE-Regulation No. 106*.**

Uncoded maximum load capacity and tyre pressure data in lbs (1 lb = 0.454 kg) and PSI (1 PSI = 0.069 bar) is also given on multi-purpose tyres. These specifications form part of the designation according to **US Safety Regulation FMVSS 119**.**
MPT tyres also comply with current requirements on Tyre noise EC Directive (2001/43/EC)

* ECE = ECONOMIC COMMISSION FOR EUROPE, Genf
** FMVSS = Federal Motor Vehicle Safety Standards

Load Index (LI)

LI	kg	LI	kg	LI	kg	LI	kg
61	257	96	710	131	1950	166	5300
62	265	97	730	132	2000	167	5450
63	272	98	750	133	2060	168	5600
64	280	99	775	134	2120	169	5800
65	290	100	800	135	2180	170	6000
66	300	101	825	136	2240	171	6150
67	307	102	850	137	2300	172	6300
68	315	103	875	138	2360	173	6500
69	325	104	900	139	2430	174	6700
70	335	105	925	140	2500	175	6900
71	345	106	950	141	2575	176	7100
72	355	107	975	142	2650	177	7300
73	365	108	1000	143	2725	178	7500
74	375	109	1030	144	2800	179	7750
75	387	110	1060	145	2900	180	8000
76	400	111	1090	146	3000	181	8250
77	412	112	1120	147	3075	182	8500
78	425	113	1150	148	3150	183	8750
79	437	114	1180	149	3250	184	9000
80	450	115	1215	150	3350	185	9250
81	462	116	1250	151	3450	186	9500
82	475	117	1285	152	3550	187	9750
83	487	118	1320	153	3650	188	10000
84	500	119	1360	154	3750	189	10300
85	515	120	1400	155	3875	190	10600
86	530	121	1450	156	4000	191	10900
87	545	122	1500	157	4125	192	11200
88	560	123	1550	158	4250	193	11500
89	580	124	1600	159	4375	194	11800
90	600	125	1650	160	4500	195	12150
91	615	126	1700	161	4625	196	12500
92	630	127	1750	162	4750	197	12850
93	650	128	1800	163	4875	198	13200
94	670	129	1850	164	5000	199	13600
95	690	130	1900	165	5150	200	14000

Speed Symbol (SS)

SS	Speed in km/h
A 1	5
A 2	10
A 3	15
A 4	20
A 5	25
A 6	30
A 7	35
A 8	40
B	50
C	60
D	65
E	70
F	80
G	90
J	100
K	110
L	120
M	130
N	140

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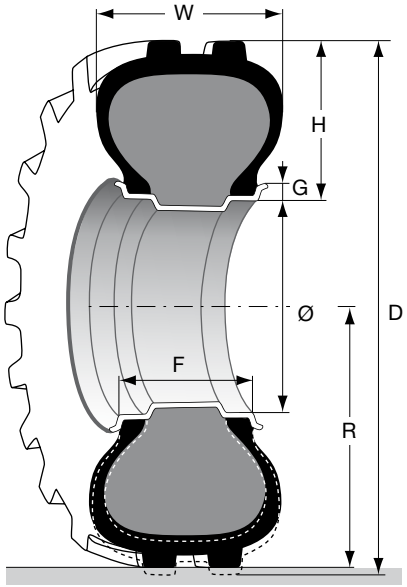
Tyre designation

(please see also ETRTO - European Tyre and Rim Technical Organisation)



Tyre

D Outer diameter: the diameter of an inflated tyre at the outermost surface of the tread.

W Section width: the linear distance between the outsides of the sidewalls of an inflated tyre excluding elevations due to labelling (markings), decorations or protective bands or ribs.

H Section height: half the difference between the overall diameter and the nominal rim diameter.

R Static loaded radius: distance between rim centre and paved surface.

Rim

F Rim width: the linear distance between the flanges of the rim.

G Rim flange height

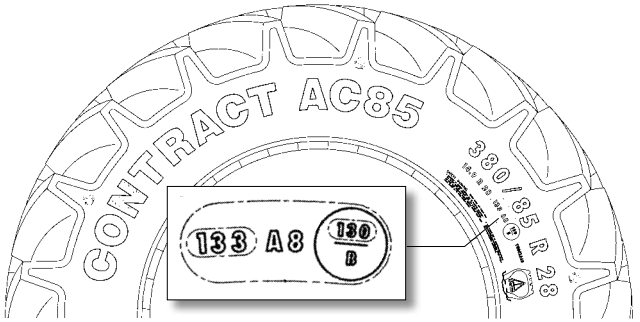
Ø Nominal rim diameter

Explanation of tyre designations

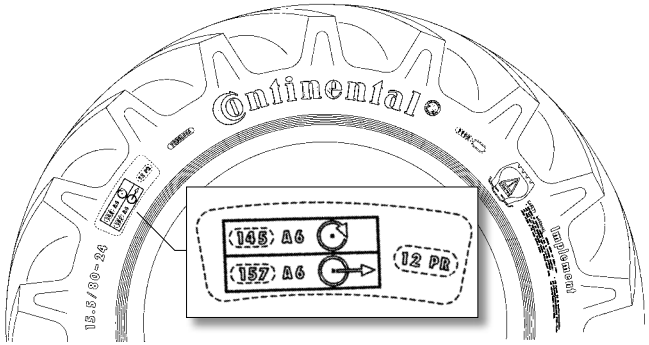
Tyre outer dia. in inch		Tyre nominal width mm or inch		H:W ratio %	Tyre design[1]	Rim dia. in inch	Tyre group (application)	TL[2]	PR[3]	LI[4]	SS[5]
		380	/	85	R	28	AS	TL		133	A8
		650	/	65	R	38	AS	TL		154	D
		12.4			R	24	AS			119	A8
		12.4			–	38	AS		12 PR		
		7.50			–	18	AS Front		8 PR		
		15.5	/	80	–	24	Implement		12 PR		
18	x	7.00			–	8	Garden Tractor		4 PR		
		445	/	65	R	22.5	MPT	TL		160	G

[1] R = radial
– = cross-ply
[2] TL = tubeless
TT = tube type
[3] PR = Ply Rating (indicates load capacity for code designated tyres)
[4] LI = Load Index
[5] SS = Speed Symbol

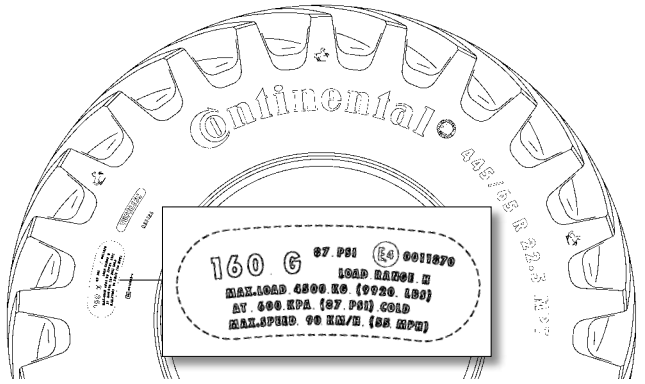
see also table on page 5



Layout of tyre designation tractor radial tyre 380/85 R 28 (14.9 R 28) 133 A8 **AC 85**



Layout of tyre designation IMP tyre 15.5/80 - 24, 145 A6 ⊙, 157 A6 ⊙, 12 PR **AS-Farmer**



Layout of tyre designation MPT tyre 445/65 R 22.5 MPT 160 G **AC 70+**

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Tyre typology

The development of the **SilentSpeed-Tyre SST,** connects the outstanding field characteristics of a 65 series wide tyre with high comfort. Because with the SST the noise level in the operator's cab is reduced to a minimum. The **Super-VolumeTyre SVT** was developed primarily for powerful machines with **over 180 hp.** The extremely large volume of air ensures gentle ground handling when working with heavy loads. For tractors with **up to 200 hp,** the Continental range of premi-um radial tyres offers a choice of **three all-rounders.** The new harvester tyre **SVT CHO** has been designed as an extremely powerful tyre for big combine harvesters. SVT CHO is capable of higher maximum loads; at the same time the tyre permits gentler ground handling in the field and more comfort on the road. The 85 Series standard radial **AC 85** is ideally suited for wide-ranging applications in the field and on the road. The **HC 70** the new 70 Series wide tyre, has higher load capa-cities than normally available in the 70 Series segment; it therefore offers gentler ground handling and can carry very heavy loads. The **AC 65** is a wide tyre with a 65% aspect ratio and is the ideal choice in this tractor segment, where it's about gentle ground handling and the ability to transport heavy loads, as well as traction and grassland suitability. The **AC 70 G** is the acknowledged **grassland tyre** in the Continental portfolio.

Main applications

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	 SilentSpeedTyre SST	 SuperVolumeTyre SVT	 SuperVolumeTyre SVT CHO NEW!	 SuperVolumeTyre AC 70 H/G/N	 AC 65	 HC 70	 AC 70 G	 AC 85
Product description on page	20	24	30	34	40	46	52	64
Type of tyre hp Driving speed	SilentSpeed < 200 70 km/h*	SuperVolume > 180 70 km/h*	Harvester – 50 km/h	Harvester – 50 km/h	Wide tyre < 200 70 km/h*	Wide tyre < 180 50 km/h	Wide tyre < 180 50 km/h	Standard < 180 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	+				++	+++	+++	+++

* see page 98
+++++ = exellent ++++ = very good +++ = good ++ = suitable + = suitable to limited extent

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Tractor and harvester tyres

Tyre size	Service description	AC85	AC70G	HC70	AC70H	AC65	SVT	SVT CHO	SST	Page
265/70 R 16 MPT	114 G		○							44
285/80 R 16 MPT	126 G		○							44
320/65 R 16	117 D (120 A8)					○				32
425/55 R 17 MPT	134 G		○							44
325/70 R 18 MPT	125 G		○							44
365/70 R 18 MPT	132 G		○							44
275/80 R 20 MPT	131 G		○							44
280/85 R 20	112 A8 (109 B)	○								50
335/80 R 20 MPT	134 G		○							44
375/70 R 20 MPT	136 G		○							44
405/70 R 20 MPT	136 G		○							44
420/65 R 20	125 D (128 A8)					○				32
425/75 R 20 MPT	148 G		○							44
445/65 R 22.5 MPT	160 G		AC70+							44
280/85 R 24	115 A8 (112 B)	○								50
320/70 R 24	116 D (119 A8)			○						38
320/85 R 24	122 A8 (119 B)	○								50
340/85 R 24	125 A8 (122 B)	○								50
360/70 R 24	122 D (125 A8)			○						38
380/70 R 24	125 A8 (122 B)		○							46
380/70 R 24	125 D (128 A8)			○						38
380/85 R 24	131 A8 (128 B)	○								50
405/70 R 24 MPT	149 G		○							44
420/70 R 24	130 A8 (127 B)		○							46
420/70 R 24	130 D (133 A8)			○						38
420/85 R 24	137 A8 (134 B)	○								50
440/65 R 24	128 D (131 A8)					○				32
445/70 R 24 MPT	151 G		○							46
480/65 R 24	133 D (136 A8)					○				32
480/70 R 24	138 A8 (135 B)		○							46
480/70 R 24	138 D (141 A8)			○						38

○ Tubeless type, can be used with tubes

Tyre size	Service description	AC85	AC70G	HC70	AC70H	AC65	SVT	SVT CHO	SST	Page
495/70 R 24 MPT	155 G		○							46
540/65 R 24	140 D (143 A8)					○				32
540/65 R 24	146 D (149 A8)					○				32
280/85 R 28	118 A8 (115 B)	○								50
320/85 R 28	124 A8 (121 B)	○								50
340/85 R 28	127 A8 (124 B)	○								50
380/70 R 28	127 D (130 A8)			○						38
380/85 R 28	133 A8 (130 B)	○								50
420/70 R 28	133 A8 (130 B)		○							46
420/70 R 28	133 D (136 A8)			○						38
420/85 R 28	139 A8 (136 B)	○								50
440/65 R 28	131 D (134 A8)					○				32
440/70 R 28 IND	152 A8 (149 B)		○							46
480/65 R 28	136 D (139 A8)					○				32
480/70 R 28	140 D (143 A8)			○						38
540/65 R 28	142 D (145 A8)					○	○			32/26
600/65 R 28	147 D (150 A8)					○				32
600/65 R 28	154 D (157 A8)						○			26
600/70 R 28	157 D (160 A8)						○			26
380/85 R 30	135 A8 (132 B)	○								50
420/70 R 30	134 D (137 A8)			○						38
420/85 R 30	140 A8 (137 B)	○								50
460/85 R 30	145 A8 (142 B)	○								50
480/70 R 30	141 A8 (141 B)		○							46
480/70 R 30	141 D (144 A8)			○						38
540/65 R 30	150 D (153 A8)					○	○			34/26
600/65 R 30	149 D (152 A8)					○				34
600/70 R 30	152 D (155 A8)						○			26
710/55 R 30	159 D (162 A8)						○			26
710/60 R 30	162 D (165 A8)						○			26
750/55 R 30	162 D (165 A8)						○			26

○ Tubeless type, can be used with tubes

Tractor and harvester tyres (continued)

Tyre size	Service description	AC85	AC70G	HC70	AC70H	AC65	SVT	SVT CHO	SST	Page
650/75 R 32	167 A8 (164 B)		AC75G		○					62
650/75 R 32	172 A8 (169 B)		○							62
680/85 R 32	173 A8 (170 B)		○							62
680/85 R 32 (CHO)	178 A8 (175 B)		○					AC70G		62
800/65 R 32	167 A8 (164 B)				○					62
800/65 R 32	172 A8 (169 B)				○					62
800/65 R 32	178 A8 (175 B)				AC70N					62
800/70 R 32 (CHO)	175 A8 (172 B)						○	○		64/58
900/60 R 32 (CHO)	176 A8 (173 B)						○	○		26/58
900/70 R 32 CHO	182 A8 (179 B)							○		58
900/70 R 32	188 A8 (185 B)						○			64/58
1050/50 R 32	178 A8 (178 B)						○			26
380/85 R 34	146 A8 (146 B)	○								52
420/85 R 34	142 A8 (139 B)	○								52
420/85 R 34	147 A8 (147 B)	○								52
460/85 R 34	147 A8 (144 B)	○								52
480/70 R 34	143 A8 (140 B)		○							46
480/70 R 34	143 D (146 A8)			○						40
520/70 R 34	148 A8 (145 B)		○							46
520/70 R 34	148 D (151 A8)			○						40
540/65 R 34	145 D (148 A8)					○				34
600/65 R 34	151 D (154 A8)					○				34
650/65 R 34	161 D (164 A8)						○			28
13.6 R 36	127 A8 (124 B)	AC90								52
340/85 R 38	133 A8 (130 B)	○								52
340/85 R 38	148 A8 (145 B)	○								54
380/80 R 38	142 A8 (142 B)	○								52
420/85 R 38	144 A8 (141 B)	○								52
460/85 R 38	149 A8 (146 B)	○								52
480/70 R 38	145 D (148 A8)			○						40
520/70 R 38	150 A8 (147 B)		○							46

○ Tubeless type, can be used with tubes

Tyre size	Service description	AC85	AC70G	HC70	AC70H	AC65	SVT	SVT CHO	SST	Page
520/70 R 38	150 D (153 A8)			○						40
520/85 R 38	155 A8 (152 B)	○								52
540/65 R 38	147 D (150 A8)					○				34
580/70 R 38	155 D (158 A8)			○						40
600/65 R 38	153 D (156 A8)					○			○	34/22
650/65 R 38	157 D (160 A8)					○	○		○	28/34/22
650/75 R 38	169 D (172 A8)						○			28
650/85 R 38	173 D (176 A8)						○			28
710/70 R 38	166 D (169 A8)					○	○			44/28
800/70 R 38 (CHO)	178 D (181 A8)						○	○		28/58
900/60 R 38	172 D (175 A8)						○			28
900/60 R 38 CHO	178 D (181 A8)							○		58
480/80 R 42	151 A8 (151 B)	○								52
520/85 R 42	162 A8 (159 B)	○								52
650/65 R 42	165 D (168 A8)					○			○	34/22
650/75 R 42	165 D (168 A8)						○			28
680/80 R 42 CHO	180 D (183 A8)							○		58
710/70 R 42	173 D (176 A8)						○			28
710/75 R 42	175 D (178 A8)						○			28
380/90 R 46	149 A8 (146 B)	○								52
380/90 R 46	159 A8 (156 B)	○								54
480/80 R 46	158 A8 (158 B)	○								52
520/85 R 46	158 A8 (155 B)	○								52
380/90 R 50	151 A8 (151 B)	○								52
380/90 R 50	160 A8 (160 B)	○								54
480/80 R 50	159 A8 (159 B)	○								52

○ Tubeless type, can be used with tubes

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Harvester steer wheels and IMP tyres (Radial)

Tyre size	Service description	AC 70 G	SVT	AC 65	All-Ground	Multi-Service	Page
IMP							
440/50 R 17 IMP	135 D ⊙ 135 D →				○		70
500/50 R 17 IMP	149 D ⊙ 149 D →					○	70
460/70 R 24 IMP	151 A8 ⊙ 163 A8 →	○					68
500/70 R 24 IMP	155 A8 ⊙ 164 A8 →	○					68
500/85 R 24 IMP	158 A8 ⊙ 171 A8 →		○				68
500/80 R 28 IMP	164 A8 ⊙ 176 A8 →		○				68
600/65 R 28 IMP	156 A8 ⊙ 168 A8 →			○			68
500/85 R 30 IMP	164 A8 ⊙ 176 A8 →		○				68
540/65 R 30 IMP	156 A8 ⊙ 168 A8 →			○			68
620/70 R 30 IMP	166 A8 ⊙ 178 A8 →		○				68
500/85 R 34 IMP	166 D ⊙ 178 D →		○				68

○ Tubeless type, can be used with tubes

⊙ drive wheel
→ free rolling

MPT tyres (Radial)

Tyre size	Service description	AC 70 G	Agro-Trailer	Page
MPT				
265/70 R 16 MPT	114 G	○		74
285/84 R 16 MPT	126 G	○		74
425/55 R 17 MPT	134 G	○		74
325/70 R 18 MPT	125 G	○		74
355/60 R 18 MPT	142 J		○	74
365/70 R 18 MPT	132 G	○		74
275/80 R 20 MPT	131 G	○		74
335/80 R 20 MPT	134 G	○		74
375/70 R 20 MPT	136 G	○		74
405/70 R 20 MPT	136 G	○		74
425/75 R 20 MPT	148 G	○		74
445/65 R 22.5 MPT	160 G	AC 70 +		74
405/70 R 24 MPT	149 G	○		76
445/70 R 24 MPT	151 G	○		76
495/70 R 24 MPT	155 G	○		76

○ Tubeless type, can be used with tubes

Tractor cross-ply steering tyres

Tyre size	PR	T 9	Page
4.00 – 16	**4**	●	84
4.50 – 16	**4**	●	84
5.00 – 16	**4**	●	84
6.00 – 16	**6**	●	84
6.50 – 16	**6**	●	84
7.50 – 16	**6**	●	84
7.50 – 16	**8**	●	84

● Tube type

Tractor cross-ply tyres



Tyre size	PR	AS-Farmer	Farmer AS	Farmer AC	Page
7.5 L - 15	6	●			80
6.50 - 16	8	○			80
7.50 - 16	8			○	80
8.3 - 24	6	●			80
9.5 - 24	8	●			80
11.2 - 24	8	●			80
12.4 - 24	8		●		80
14.9 - 24	8		●		80
14.9/80 - 24	12	●			80
8.3 - 28	8	●			80
11.2 - 28	8	●			80
12.4 - 28	6		●		80
9.5 - 30	6	●			82
16.9 - 30	8	●			82
8.3 - 32	6	●			82
9.5 - 32	6			●	82
12.4 - 32	6	●			82
16.9 - 34	8	●			82
18.4 - 34	8		●		82
8.3 - 36	4	●			82
9.5 - 36	6	●			82
9.5 - 36	10	●			82
9.5 - 42	10	●			82

● Tube type
○ Tubeless type, can be used with tubes

IMP / MPT tyres (Cross-ply)

Tyre size	Service description	AS-Farmer	AS-Farmer Spec.	T55/2	Traction-Farmer	AW-Farmer	Farmer AW	M3	B3	AC30	M159	Page
IMP												88
11x7 - 4	4 PR							●				88
4.00 - 8	2 PR			●								88
7.00 - 12	4 PR	●										88
	6 PR		○			○						
8.00 - 12	6 PR					●						88
10.0/75 - 12	6 PR					●						88
11.0/65 - 12	8 PR	●										88
28x9.00 - 15	6 PR									○		94
240/70 - 15	115 A 8 (8 PR) ⊙								○			94
10.0/75 - 15.3	8 PR	●										88
	10 PR					●					●	
11.5/80 - 15.3	8 PR, 12 PR	●										88
	10 PR					●						
4.00 - 16	2 PR		○									88
6.00 - 16	6PR	●										88
230/70 - 16	106 A 8 (10 PR) ⊙	○										88
	119 A 8 ⊶											
270/75 - 16	101 A 8 (6 PR) ⊙	○										88
	114 A 8 ⊶											
15.0/55 - 17	10 PR				○		○					88
	12 PR				○							
500/40 - 17	127 A 8 (10 PR) ⊙					●						88
	140 A 8 ⊶											
320/80 - 18	126 A 8 (10 PR) ⊙	○										90
	139 A 8 ⊶											
360/80 - 20	128 A 8 (8 PR) ⊙	○										90
	141 A 8 ⊶											
400/70 - 20	142 A 8 (14 PR) ⊙	○										90
	154 A 6 ⊶											
15.5/80 - 24	145 A 6 (12 PR) ⊙	○										90
	157 A 8 ⊶											
15.5/80 - 24	152 A 6 (16 PR) ⊙	○										90
	164 A 6 ⊶											
16.5/85 - 24	153 A 6 (14 PR) ⊙	○										90
	165 A 6 ⊶											
MPT												
275/80-18 MPT 10.5-18 MPT	126 E (10 PR) ⊙ ⊶	●										92
275/80-20 MPT 10.5-20 MPT	123 E (8 PR) ⊙	●										92
335/80-20 MPT 12.5-20 MPT	129 E (10 PR) ⊙ ⊶	●										92
365/80-20 MPT 14.5-20 MPT	132 E (10 PR) ⊙ ⊶	●										92

○ Tubeless type, can be used with tubes
● Tube type

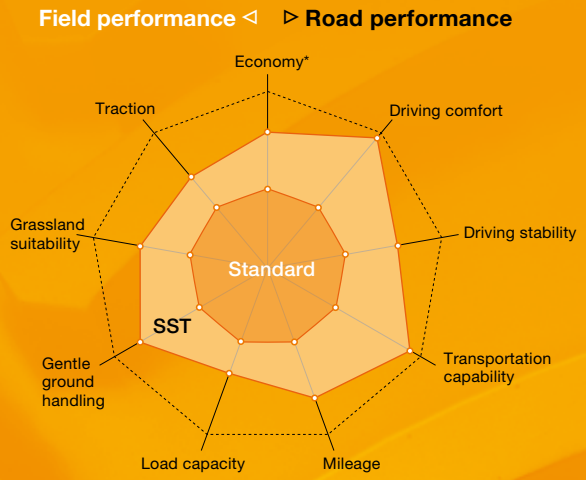
⊙ drive wheel
⊶ free rolling

Suitability of the SST in the field and on the road

[Wide tyre with 65% aspect ratio, approved for speeds up to 70 km/h - 43 mph]

Exceptionally quiet, very comfortable ride, high load capacity and exceptional traction in the field make this a flagship tyre for very demanding use.

*Based on: rolling resistance, mileage, traction and gentle ground handling



SST

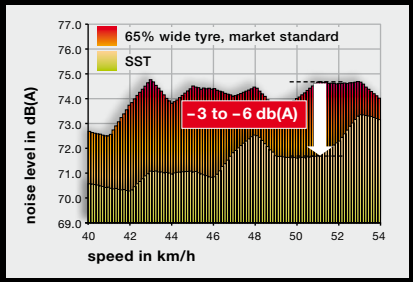
kW	22	44	66	88	110	132	162	191	>220
hp	30	60	90	120	150	180	220	260	>300

SilentSpeedTyre (SST)

Noise reducing radial tyre for fast, comfortable and impressively quiet road use

- Noise reduction of up to 6 dB(A) in the cab maximises concentration and minimises stress
- New casing construction ensures a cost saving through reduced rolling resistance, long tyre life and high damage resistance
- Highest levels of productivity achieved through the excellent characteristics of the 65 series profile and casing
- Highest possible sustained speed capability of up to 70 km/h (43 mph)

The SilentSpeedTyre SST traction tyre prevents the occurrence of the so-called “booming noise effect“. The SST reduces the noise level in the driver‘s cab by 3 to 6 dB(A) compared with conventional rear axle tyres.



Technical data

Tyre size Service description LI/SS	Permitted rims*	Width (mm)	Outer diameter (mm)	Static loaded radius (mm)	Rolling circum-ference (mm)	Speed radius index
600/65 R 38 153 D (156 A8)	**W 18 L** DW 18 L W 16 L	591 591 571	1746	782	5215	825
650/65 R 38 157 D (160 A8)	**W 18 L** DW 20 B	623 643	1822	810	5420	875
650/65 R 42 165 D (168 A8)	**W 18 L** DW 20 B	616 636	1930	870	5790	925

* More permitted rims on request

Load capacities

SST

Tyre load capacity (kg) at tyre pressure (bar)

0,4	0,6	0,8	1,0	1,2	1,4	1,6	2,0	2,4	3,0	Speed (km/h)
			2795	3050	3355	3650				65
		2640	2935	3205	3525	3835				50
	2425	2755	3060	3340	3675	4000				40
	2545	2890	3210	3510	3860	4200				30
2655	3100	3520	3910	4275	4695	5110	5475			10
			3155	3450	3790	4125				65
		2985	3315	3625	3980	4330				50
	2740	3110	3455	3780	4150	4500				40
	2880	3270	3630	3970	4360	4745				30
3000	3505	3980	4420	4830	5310	5775	6190			10
			3310	3615	3940	4250	4765	5150		65
		3125	3475	3795	4140	4465	5005	5410		50
	2875	3260	3625	3960	4315	4625	5220	5600		40
	3015	3425	3805	4160	4530	4890	5480	5925		30
3145	3675	4170	4635	5065	5515	5950	6675	7210	7725	10

Load values given for 0,4 bar and for 0,6 bar at 40 km/h are for calculating dual and triple load values only.

All load values are for maximum indicated speeds at low torque.

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

For plowing with single driven tires 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.

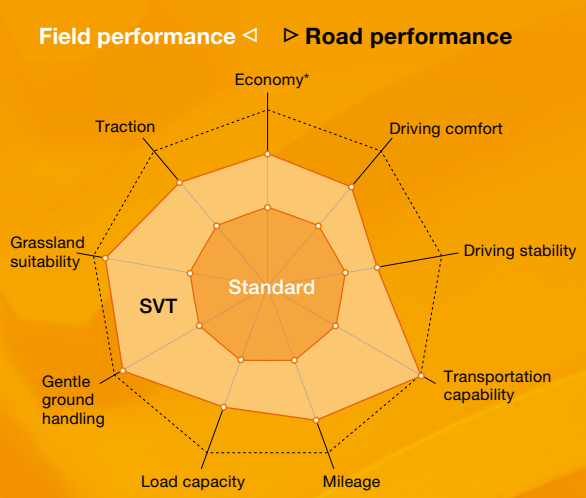
All load-speed-pressure data is valid for ground slopes up to and including 20%.
When operating on slopes greater than 20%, please, contact Mitas.

Suitability of the SVT in the field and on the road

[approved for speeds up to 50 or 70 km/h - 31 or 43 mph respectively]

In the field the tyre delivers maximum performance through highest load capacity and low inflation pressure – on the road it provides driving stability and offers enormous transportation capabilities.

*Based on: rolling resistance, mileage, traction and gentle ground handling

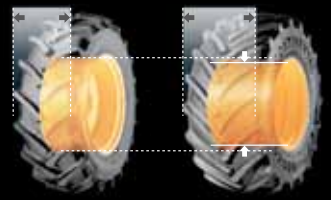


SVT

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

SuperVolumeTyre (SVT)
for powerful machines with maximum load capacity and driving comfort

- Developed for use on powerful tractors (>180 hp) and harvesters
- Extremely large volume of air guarantees gentle ground handling, combined with very high load capacity and lowest possible inflation pressure ensuring the highest yields
- Maximum traction thanks to largest possible ground contact patch and very high mileage with speeds up to 70 km/h (43 mph) makes the SVT very economical



The extremely large volume of air means maximum load capacity with lowest possible tyre pressure – this adds up to optimum ground protection, even with the heaviest of equipment.

Technical data

Load capacities


SVT

Tyre size Service description LI/SS	Permitted rims*	Width (mm)	Outer diameter (mm)	Static loaded radius (mm)	Rolling circum-ference (mm)	Speed radius index	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		
540/65 R 28 142 D (145 A8)	**W 16 L** W 18 L W 15 L	540 560 540	1414	627	4210	675	2165	1960 2060 2505	2110 2200 2315 2815	2210 2320 2420 2540 3095	2385 2505 2615 2745 3340	2530 2655 2770 2910 3545	2650 2785 2900 3050 3710	3975				65 50 40 30 10
600/65 R 28 154 D (157 A8)	**W 18 L** DW 20 B	606 626	1494	664	4444	700	2555	2310 2425 2955	2490 2595 2725 3320	2605 2737 2855 2995 3650	2815 2955 3080 3235 3940	2995 3145 3280 3445 4195	3150 3310 3450 3625 4410	3490 3665 3820 4010 4885	3750 3940 4125 4315 5250	5625		65 50 40 30 10
600/70 R 28 157 D (160 A8)	**W 18 L** DW 20 B	627 647	1574	696	4660	725	2730	2505 2630 3200	2730 2850 2990 3640	2900 3045 3175 3335 4060	3175 3335 3480 3655 4450	3380 3550 3700 3885 4730	3550 3730 3875 4085 4970	3900 4095 4270 4485 5460	4125 4330 4500 4745 5775	6190		65 50 40 30 10
540/65 R 30 150 D (153 A8)	**W 16 L** W 18 L W 15 L	548 558 540	1487	668	4435	700	2235	2020 2125 2585	2180 2270 2385 2905	2280 2395 2495 2620 3190	2465 2585 2695 2830 3450	2605 2735 2855 3000 3650	2725 2860 3000 3135 3815	3080 3235 3375 3545 4315	3350 3520 3650 3855 4690	5025		65 50 40 30 10
600/70 R 30 152 D (155 A8)	**W 18 L** DW 20 B	625 645	1595	700	4700	750	2810	2575 2705 3295	2815 2935 3080 3750	2985 3135 3270 3435 4180	3270 3435 3585 3765 4580	3430 3605 3755 3945 4805	3550 3730 3875 4085 4970	5325				65 50 40 30 10
710/55 R 30 159 D (162 A8)	**DW 23 B**	690	1500	674	4475	725	2670	2440 2560 3115	2655 2765 2905 3540	2805 2945 3075 3230 3930	3065 3220 3360 3525 4295	3365 3530 3680 3865 4710	3650 3835 4000 4200 5110	4045 4250 4430 4655 4665	4375 4595 4750 5030 6125	6565		65 50 40 30 10
710/60 R 30 162 D (165 A8)	**DW 23 B**	708	1646	730	4870	750	2885	2635 2770 3370	2870 2990 3140 3825	3035 3185 3325 3490 4250	3315 3480 3630 3815 4645	3605 3785 3945 4145 5045	3875 4070 4250 4455 5425	4385 4605 4800 5040 6135	4750 4990 5150 5465 6650	7125		65 50 40 30 10
750/55 R 30 162 D (165 A8)	**DW 23 B**	720	1584	712	4725	750	2905	2655 2790 3395	2890 3015 3165 3855	3060 3210 3350 3515 4280	3340 3510 3660 3845 4680	3675 3860 4025 4225 5145	4000 4200 4375 4600 5600	4400 4620 4820 5060 6160	4750 4990 5150 5465 6650	7125		65 50 40 30 10
800/70 R 32 175 A8 (172 B)	**DW 25 B** DW 27 B	762 784	1932	845	5630	875		3815 4085 4235 4695 4960	4235 4530 4700 5210 5505	4180 4590 4915 5095 5650 5970	4575 5025 5380 5580 6180 6535	5010 5505 5895 6115 6775 7160	5450 6000 6420 6600 7380 7800	5965 6555 7015 7275 8060 8520	6300 6900 7385 7660 8485 8970	10350		50 40 30 25 20 10
900/60 R 32 176 A8 (173 B)	**DW 27 B** DW 30 B	857 890	1905	850	5700	925		3890 4165 4320 4790 5060	4315 4615 4790 5305 5610	4250 4670 5000 5185 5745 6070	4650 5110 5465 5670 6285 6640	5020 5515 5900 6120 6785 7170	5450 6000 6420 6660 7380 7800	5950 6535 6995 7255 8040 8495	6500 7100 7595 7880 8735 9230	10650		50 40 30 25 20 10
1050/50 R 32 178 A8 (178 B)	**36.00 VA**	1015	1890	855	5640	875		4200 4495 4665 5170 5465	4655 4985 5170 5730 6055	5045 5045 5395 5595 6200 6555	5515 5515 5900 6120 6785 7170	5955 5955 6370 6610 7320 7740	6500 6500 6955 7215 7995 8450	7055 7055 7550 7830 8680 9175	7500 7500 8025 8325 9225 9750	11250		50 40 30 25 20 10

* More permitted rims on request

Technical data

Tyre size Service description LI/SS	Permitted rims*	Width (mm)	Outer diameter (mm)	Static loaded radius (mm)	Rolling circum-ference (mm)	Speed radius index
650/65 R 34 161 D (164 A8)	**W 18 L** DW 20 B	654 664	1719	769	5116	825
650/65 R 38 157 D (160 A8)	**W 18 L** DW 20 B	645 660	1828	810	5445	875
650/75 R 38 169 D (172 A8)	**DW 21 B** DW 20 B DW 23 B	667 657 687	1944	872	5795	925
650/85 R 38 173 D (176 A8)	**DW 23 B** DW 20 B DW 21 B	720 688 699	2070	920	6130	975
710/70 R 38 166 D (169 A8)	**DW 23 B**	736	1958	870	5780	925
800/70 R 38 178 D (181 A8)	**DW 25 B** DW 27 B	765 787	2052	911	6090	975
900/60 R 38 172 D (175 A8)	**DW 27 B** DW 30 B	870 900	2060	918	6115	975
900/60 R 38 172 D (175 A8)	**DW 27 B** DW 30 B	870 900	2060	918	6115	975
650/75 R 42 165 D (168 A8)	**DW 21 B** DW 20 B DW 23 B	650 640 670	2035	905	6090	975
710/70 R 42 173 D (176 A8)	**DW 23 B** DW 25 B	731 751	2070	935	6150	975
710/75 R 42 175 D (178 A8)	**DW 23 B** DW 25 B	751 771	2171	971	6460	1025

* More permitted rims on request

Load capacities

SVT

Tyre load capacity (kg) at tyre pressure (bar)

0,4	0,6	0,8	1,0	1,2	1,4	1,6	2,0	2,4	2,8	Speed (km/h)
			3215	3475	3690	3875	4305	4625		65
		3070	3375	3645	3875	4070	4520	4855		50
	2850	3205	3520	3800	4040	4250	4710	5000		40
	2995	3365	3695	3995	4245	4455	4950	5320		30
3150	3645	4095	4500	4860	5165	5425	6025	6475	6940	10
			3380	3655	3905	4125				65
		3230	3550	3835	4100	4330				50
	3000	3370	3705	4000	4275	4500				40
	3150	3540	3890	4200	4490	4745				30
3315	3835	4310	4735	5115	5465	5775	6190			10
			3990	4375	4645	4875	5425	5800		65
		3760	4190	4590	4880	5120	5695	6090		50
	3445	3920	4370	4790	5085	5300	5940	6300		40
	3620	4120	4590	5030	5340	5605	6235	6670		30
3760	4405	5015	5585	6125	6505	6825	7590	8120	8700	10
			4465	4895	5195	5450	6075	6500		65
		4210	4690	5140	5455	5725	6375	6825		50
	3855	4390	4890	5360	5690	6000	6650	7100		40
	4050	4610	5135	5630	5975	6270	6985	7475		30
4210	4930	5610	6250	6855	7275	7630	8500	9100	9750	10
			4305	4720	5030	5300				65
		4055	4520	4955	5280	5565				50
	3715	4230	4715	5170	5510	5800				40
	3905	4445	4950	5425	5785	6095				30
4055	4750	5410	6025	6605	7045	7420	7950			10
			5190	5690	6070	6400	7035	7500		65
		4890	5450	5975	6375	6720	7390	7875		50
	4480	5100	5685	6230	6650	7000	7705	8250		40
	4705	5360	5970	6545	6980	7360	8090	8625		30
4890	5730	6525	7270	7965	8500	8960	9850	10500	11250	10
			4875	5325	5825	6300				65
		4610	5120	5595	6115	6615				50
	4235	4805	5340	5835	6375	6900				40
	4450	5050	5605	6125	6695	7245				30
4635	5415	6145	6825	7460	8155	8820	9450			10
			4875	5325	5825	6300	6985	7500		65
		4610	5120	5595	6115	6615	7335	7875		50
	4235	4805	5340	5835	6375	6900	7650	8250		40
	4450	5050	5605	6125	6695	7245	8035	8625		30
4635	5415	6145	6825	7460	8155	8820	9780	10500	11250	10
			4175	4575	4885	5150				65
		3935	4380	4805	5125	5410				50
	3605	4100	4570	5010	5345	5600				40
	3785	4305	4800	5260	5615	5925				30
3935	4605	5245	5845	6405	6835	7210	7725			10
			4500	4935	5285	5600	6100	6500		65
		4245	4725	5180	5550	5880	6405	6825		50
	3885	4425	4930	5405	5790	6150	6680	7100		40
	4080	4645	5180	5675	6080	6440	7015	7475		30
4240	4970	5655	6305	6910	7400	7840	8540	9100	9750	10
			4785	5245	5640	6000	6480	6900		65
		4510	5025	5510	5925	6300	6805	7245		50
	4130	4700	5240	5745	6175	6500	7095	7500		40
	4340	4940	5505	6030	6490	6900	7450	7935		30
4510	5280	6010	6700	7345	7900	8400	9070	9660	10350	10

Load values given for 0,4 bar and for 0,6 bar at 40 km/h are for calculating dual and triple load values only.

All load values are for maximum indicated speeds at low torque.

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

For plowing with single driven tires 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-speed-pressure data is valid for ground slopes up to and including 20%.
When operating on slopes greater than 20%, please, contact Mitas.

Load-pressure data for Load&Carry 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.

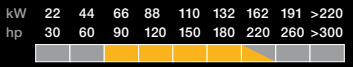
Suitability of the AC 65 in the field and on the road

[Wide tyre with 65% aspect ratio, approved for speeds up to 70 km/h - 43 mph]

High load capacity and high mileage mean the AC 65 is an economical all-rounder on the road and in the field.

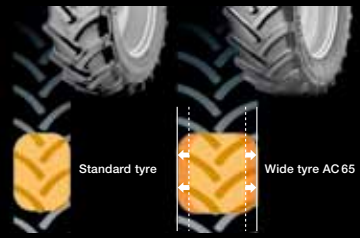
*Based on: rolling resistance, mileage, traction and gentle ground handling

AC 65



AC 65
Powerful wide tyre for all-round applications, delivering efficiency in the field and on the road

- Very gentle ground handling in the field and on grassland, thanks to the tyre's exceptional load capacities and the very large ground contact patch
- Very comfortable on the road at high speeds up to 70 km/h (43 mph)
- Very high transportation capability through large volume of air
- Extremely economical, thanks to very good traction and low-wear tread compound



The very large ground contact patch permits gentle ground handling, even with heavy equipment.

Technical data

Load capacities

AC 65

Tyre size Service description LI/SS	Permitted rims*	Width (mm)	Outer diameter (mm)	Static loaded radius (mm)	Rolling circum-ference (mm)	Speed radius index	**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		
320/65 R 16 117 D (120 A8)	**W 10** W 9 W 11	316 310 326	844	373	2497	390	625	585 615 750	655 685 715 875	715 750 780 820 1000	800 840 880 920 1125	890 935 975 1020 1245	975 1025 1060 1120 1365	1135 2295 1245 1305 1590	1285 1350 1400 1480 1800	1930	65 50 40 30 10
420/65 R 20 125 D (128 A8)	**W 13** W 12 W 11	415 405 395	1050	469	3146	500	1130	1045 1095 1335	1145 1195 1255 1530	1225 1285 1340 1410 1715	1355 1420 1480 1555 1895	1500 1575 1645 1725 2100	1650 1735 1800 1900 2310	2475			65 50 40 30 10
440/65 R 24 128 D (131 A8)	**W 14 L** W 13 W 12	445 435 425	1196	543	3585	575	1330	1215 1280 1555	1325 1380 1450 1765	1400 1470 1535 1610 1960	1530 1610 1675 1760 2145	1670 1750 1830 1920 2335	1800 1890 1950 2070 2520	2700			65 50 40 30 10
480/65 R 24 133 D (136 A8)	**W 15 L** W 14 L W 13	473 463 453	1256	570	3764	600	1525	1395 1465 1780	1515 1580 1660 2020	1605 1685 1755 1845 2245	1755 1840 1920 2015 2455	1910 2005 2090 2195 2675	2060 2165 2240 2370 2885	3090			65 50 40 30 10
540/65 R 24 140 D (143 A8)	**W 16 L** W 18 L W 15 L	523 543 513	1317	590	3922	625	1835	1675 1760 2140	1825 1900 1995 2430	1930 2025 2115 2220 2700	2110 2215 2310 2425 2950	2310 2425 2525 2655 3230	2500 2625 2725 2875 3500	3750			65 50 40 30 10
540/65 R 24 146 D (149 A8)	**W 16 L** W 18 L W 15 L	523 543 513	1317	590	3922	625	1835	1675 1760 2140	1825 1900 1995 2430	1930 2025 2115 2220 2700	2110 2215 2310 2425 2950	2310 2425 2525 2655 3230	2500 2625 2740 2875 3500	2780 2915 3040 3195 3890	3000 3150 3250 3450 4200	4500	65 50 40 30 10
440/65 R 28 131 D (134 A8)	**W 14 L** W 13 W 12	447 437 427	1292	594	3896	625	1430	1305 1375 1670	1425 1485 1560 1895	1505 1580 1650 1730 2110	1645 1725 1800 1890 2305	1800 1890 1970 2070 2520	1950 2050 2120 2245 2730	2925			65 50 40 30 10
480/65 R 28 136 D (139 A8)	**W 15 L** W 14 L W 13	475 465 455	1355	616	4064	650	1635	1495 1570 1910	1625 1695 1780 2165	1720 1805 1885 1980 2410	1880 1975 2060 2160 2630	2060 2165 2260 2370 2885	2240 2350 2430 2575 3135	3360			65 50 40 30 10
540/65 R 28 142 D (145 A8)	**W 16 L** W 18 L W 15 L	530 550 520	1410	624	4145	675	1960	1790 1880 2290	1950 2035 2135 2600	2065 2165 2260 2375 2890	2255 2365 2470 2595 3155	2455 2580 2690 2825 3440	2650 2785 2900 3050 3710	3975			65 50 40 30 10
600/65 R 28 147 D (150 A8)	**W 18 L** DW 18 L W 16 L	590 590 570	1485	661	4411	700	2310	2110 2220 2700	2300 2395 2515 3065	2430 2555 2665 2795 3405	2660 2790 2910 3055 3720	2875 3020 3145 3305 4025	3075 3230 3350 3535 4305	4615			65 50 40 30 10

* More permitted rims on request

Technical data

Load capacities

AC 65

Tyre size Service description LI/SS	Permitted rims*	Width (mm)	Outer diameter (mm)	Static loaded radius (mm)	Rolling circum-ference (mm)	Speed radius index
540/65 R 30 150 D (153 A8)	**W 16 L** W 18 L W 15 L	526 546 516	1485	664	4419	700
600/65 R 30 149 D (152 A8)	**W 18 L** DW 18 L W 16 L	590 590 570	1549	687	4591	725
540/65 R 34 145 D (148 A8)	**W 16 L** W 18 L W 15 L	526 546 516	1580	709	4709	750
600/65 R 34 151 D (154 A8)	**W 18 L** DW 18 L W 16 L	592 592 572	1648	737	4904	775
540/65 R 38 147 D (150 A8)	**W 16 L** W 18 L W 15 L	517 537 507	1678	760	5023	800
600/65 R 38 153 D (156 A8)	**W 18 L** DW 18 L W 16 L	590 590 570	1759	792	5251	825
650/65 R 38 157 D (160 A8)	**W 18 L** DW 20 B	618 638	1828	810	5416	875
710/70 R 38 166 D (169 A8)	**DW 23 B** DW 25 B	708 728	1925	857	5716	925
650/65 R 42 165 D (168 A8)	**DW 20 B** DW 18 L	641 621	1936	860	5798	925

Tyre load capacity (kg) at tyre pressure (bar)

0,4	0,6	0,8	1,0	1,2	1,4	1,6	2,0	2,4	3,0	Speed (km/h)
			2130	2325	2545	2725	3080	3350		65
		2010	2235	2440	2675	2860	3235	3520		50
	1850	2100	2330	2545	2790	3000	3375	3650		40
	1940	2205	2450	2675	2930	3135	3545	3855		30
2020	2365	2680	2980	3255	3565	3815	4315	4690	5025	10
			2505	2740	3000	3250				65
		2370	2630	2875	3150	3415				50
	2175	2470	2745	3000	3285	3550				40
	2285	2595	2880	3150	3450	3740				30
2380	2780	3160	3510	3835	4200	4550	4875			10
			2255	2465	2690	2900				65
		2130	2370	2590	2820	3045				50
	1960	2225	2470	2700	2945	3150				40
	2055	2335	2595	2835	3090	3335				30
2145	2505	2845	3160	3450	3765	4060	4350			10
			2650	2900	3180	3450				65
		2505	2785	3045	3335	3625				50
	2300	2615	2905	3175	3480	3780				40
	2420	2745	3050	3330	3655	3970				30
2520	2945	3340	3710	4055	4450	4830	5175			10
			2380	2600	2845	3075				65
		2250	2500	2730	2985	3230				50
	2065	2345	2605	2850	3115	3350				40
	2170	2465	2735	2990	3270	3535				30
2260	2640	3000	3330	3640	3980	4305	4615			10
			2795	3050	3355	3650				65
		2640	2935	3205	3525	3835				50
	2425	2755	3060	3340	3675	4000				40
	2545	2890	3210	3510	3860	4200				30
2655	3100	3520	3910	4275	4695	5110	5475			10
			3155	3450	3790	4125				65
		2985	3315	3625	3980	4330				50
	2740	3110	3455	3780	4150	4500				40
	2880	3270	3630	3970	4360	4745				30
3000	3505	3980	4420	4830	5310	5775	6190			10
			3975	4345	4825	5300				65
		3755	4175	4565	5065	5565				50
	3445	3915	4350	4760	5280	5800				40
	3620	4110	4570	5000	5550	6095				30
3765	4405	5005	5565	6085	6755	7420	7950			10
			3310	3615	3940	4250	4765	5150		65
		3125	3475	3795	4140	4465	5005	5410		50
	2875	3260	3625	3960	4315	4625	5220	5600		40
	3015	3425	3805	4160	4530	4890	5480	5925		30
3145	3675	4170	4635	5065	5515	5950	6675	7210	7725	10

* More permitted rims on request

Load values given for 0,4 bar and for 0,6 bar at 40 km/h are for calculating dual and triple load values only.
All load values are for maximum indicated speeds at low torque.
30 km/h (up to 40 km/h) load values also apply for low-speed high-torque field work.
For plowing with single driven tires 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-speed-pressure data is valid for ground slopes up to and including 20%.
When operating on slopes greater than 20%, please, contact Mitas.

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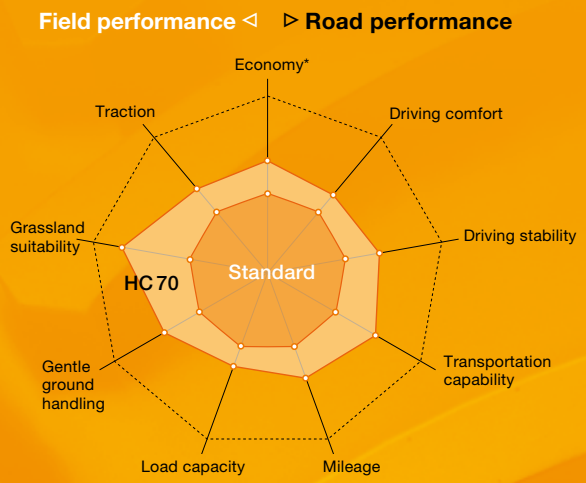
Suitability of the HC 70 in the field and on the road

[Wide tyre approved for speeds up to 65 km/h - 40 mph]

Gentle handling of fields and grassland, powerful performance on the road – the high load capacity of the HC 70 is a clear benefit in all applications.

*Based on: rolling resistance, mileage, traction and gentle ground handling



HC 70

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

HC 70

The new all-round benchmark in the 70 series wide tyre segment with higher load capacities then conventional 70 series

- Low operating costs thanks to minimised slip, plus gentle ground handling through high load capacity
- Comfortable, safe road performance, thanks to wide tyre shoulders
- Particularly gentle handling of grassland through rounded shoulder design and lug edges.

Low track depth and low operating costs, thanks to reduced inflation pressure and good traction


HC 70

Technical data

Load capacities

Tyre size Service description LI/SS	Permitted rims*	Width (mm)	Outer diameter (mm)	Static loaded radius (mm)	Rolling circum-ference (mm)	Speed radius index
320/70 R 24 116 D (119 A8)	**W 10** W 11 W 9	325 335 315	1115	491	3295	525
360/70 R 24 122 D (125 A8)	**W 11** W 12 W 10	365 375 355	1142	508	3398	550
380/70 R 24 125 D (128 A8)	**W 12** W 13 W 11	395 405 385	1191	533	3545	575
420/70 R 24 130 D (133 A8)	**W 13** W 14 L W 12	443 453 433	1245	552	3695	600
480/70 R 24 138 D (141 A8)	**W 15 L** W 16 L W 14 L	502 512 492	1320	574	3896	625
380/70 R 28 127 D (130 A8)	**W 12** W 13 W 11	395 405 385	1292	576	3850	625
420/70 R 28 133 D (136 A8)	**W 13** W 14 L W 12	438 448 428	1350	610	4038	650
480/70 R 28 140 D (143 A8)	**W 15 L** W 16 L W 14 L	498 508 488	1422	630	4220	675
420/70 R 30 134 D (137 A8)	**W 13** W 14 L W 12	433 443 423	1392	622	4150	675
480/70 R 30 141 D (144 A8)	**W 15 L** W 16 L W 14 L	499 509 489	1474	655	4380	700

Tyre load capacity (kg) at tyre pressure (bar)

0,6	0,8	1,0	1,2	1,4	1,6	2,0	Speed (km/h)
		945	1035	1140	1250		65
	890	990	1085	1200	1315		50
820	930	1035	1190	1250	1360		40
860	975	1085	1445	1315	1440		30
1045	1190	1320	2170	1600	1750	1875	10
		1130	1235	1370	1500		65
	1065	1185	1295	1435	1575		50
980	1110	1235	1355	1500	1650		40
1030	1170	1300	1420	1575	1725		30
1250	1420	1580	1730	1915	2100	2250	10
		1225	1340	1495	1650		65
	1160	1290	1410	1570	1735		50
1065	1210	1345	1470	1640	1800		40
1115	1270	1410	1545	1720	1900		30
1360	1545	1720	1880	2095	2310	2475	10
		1430	1565	1735	1900		65
	1350	1505	1645	1820	1995		50
1240	1410	1570	1715	1900	2060		40
1305	1480	1645	1800	1995	2185		30
1585	1805	2005	2190	2425	2660	2850	10
		1765	1930	2145	2360		65
	1665	1850	2025	2250	2480		50
1530	1735	1930	2110	2350	2575		40
1605	1825	2030	2220	2465	2715		30
1955	2220	2470	2700	3000	3305	3540	10
		1320	1445	1600	1750		65
	1245	1385	1515	1675	1840		50
1145	1300	1445	1580	1750	1900		40
1200	1365	1520	1660	1835	2015		30
1465	1660	1850	2020	2335	2450	2625	10
		1535	1680	1870	2060		65
	1450	1615	1765	1965	2165		50
1335	1515	1685	1840	2050	2240		40
1400	1590	1770	1935	2150	2370		30
1705	1935	2150	2355	2620	2885	3090	10
		1890	2065	2285	2500		65
	1780	2980	2170	2395	2625		50
1635	1860	2065	2260	2500	2725		40
1720	1950	2170	2375	2625	2875		30
2090	2375	2645	2890	3195	3500	3750	10
		1590	1735	1930	2120		65
	1500	1670	1825	2025	2225		50
1375	1565	1740	1905	2110	2300		40
1445	1645	1825	2000	2220	2440		30
1760	2000	2225	2430	2700	2970	3180	10
		1950	2130	2355	2575		65
	1840	2045	2235	2470	2705		50
1690	1920	2135	2335	2580	2800		40
1775	2015	2240	2450	2705	2960		30
2160	2455	2725	2985	3295	3605	3865	10

* More permitted rims on request

HC 70

Technical data

Tyre size Service description LI/SS	Permitted rims*	Width (mm)	Outer diameter (mm)	Static loaded radius (mm)	Rolling circum-ference (mm)	Speed radius index
480/70 R 34 143 D (146 A8)	**W 15 L** W 16 L W 14 L	494 504 484	1590	704	4710	750
520/70 R 34 148 D (151 A8)	**W 16 L** W 18 L W 15 L	539 559 529	1651	735	4905	775
480/70 R 38 145 D (148 A8)	**W 15 L** W 16 L W 14 L	496 506 486	1699	768	5082	800
520/70 R 38 150 D (153 A8)	**W 16 L** W 18 L W 15 L	536 556 524	1751	790	5232	825
580/70 R 38 155 D (158 A8)	**W 18 L**	596	1857	822	5500	875

* More permitted rims on request

Load capacities

Tyre load capacity (kg) at tyre pressure (bar)

0,6	0,8	1,0	1,2	1,4	1,6	2,0	Speed (km/h)
		2065	2260	2495	2725		65
	1950	2170	2375	2620	2860		50
1790	2035	2265	2475	2730	3000		40
1880	2135	2375	2600	2870	3135		30
2290	2600	2895	3165	3490	3815	4090	10
		2335	2555	2850	3150		65
	2205	2450	2680	2995	3310		50
2025	2300	2555	2795	3120	3450		40
2125	2415	2685	2935	3280	3625		30
2590	2940	3270	3575	3990	4410	4725	10
		2180	2385	2645	2900		65
	2060	2290	2505	2775	3045		50
1890	2150	2390	2615	2895	3150		40
1985	2255	2510	2745	3040	3335		30
2420	2745	3055	3340	3700	4060	4350	10
		2460	2695	3020	3350		65
	2325	2585	2825	3170	3520		50
2135	2525	2695	2950	3305	3650		40
2240	2545	2830	3095	3470	3855		30
2730	3100	3445	3770	4225	4690	5025	10
		2910	3180	3530	3875		65
	2745	3055	3340	3705	4070		50
2520	2865	3185	3480	3865	4250		40
2645	3005	3345	3655	4055	4455		30
3225	3660	4070	4450	4940	5425	5815	10

Load values given for 0,4 bar and for 0,6 bar at 40 km/h are for calculating dual and triple load values only.

All load values are for maximum indicated speeds at low torque.

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

For plowing with single driven tires 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-speed-pressure data is valid for ground slopes up to and including 20%.
When operating on slopes greater than 20%, please, contact Mitas.

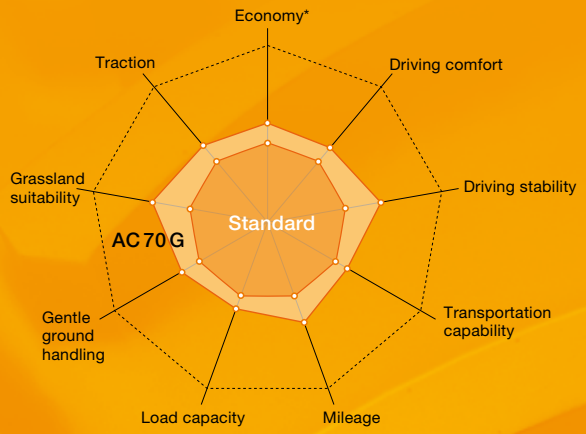
Suitability of the AC 70 G in the field and on the road

[Wide tyre with 70% aspect ratio, approved for speeds up to 50 km/h (31 mph) or 90 km/h (56 mph) in the MPT range]

The tread design of the AC 70 G makes it ideally suited for handling grassland and for road use.

*Based on: rolling resistance, mileage, traction and gentle ground handling

Field performance ◁ ▷ Road performance



AC 70 G

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

AC 70 G
Wide grassland tyre with optimum road characteristics

- The large, wide lug areas protect ground and plants
- Stable, safe and comfortable running on the road, thanks to a wide tread area and large lug overlap in the tread centre
- Economical thanks to low wear
- Tyres in the MPT range have a special casing and steel belt for high speeds (90 km/h / 56 mph)

Large, wide lug areas mean quiet running on the road and gentle driving over grassland.

- conventional profile design
- AC 70 G Tread pattern

Technical data

Load capacities


AC 70 G

Tyre size Service description LI/SS	Permitted rims*	Width (mm)	Outer diameter (mm)	Static loaded radius (mm)	Rolling circum-ference (mm)	Speed radius index
265/70 R 16 MPT 114 G	**8** 9 7	261 271 251	775	354	2333	
285/80 R 16 MPT 126 G	**10** 9	308 298	866	370	2540	
425/55 R 17 MPT 134 G	**13**	428	884	399	2642	
325/70 R 18 MPT 125 G	**10** 11 9	321 331 311	918	421	2765	
365/70 R 18 MPT 132 G	**11** 12 10	365 375 355	978	449	2947	
275/80 R 20 MPT 131 G	**9**	274	966	446	2890	
335/80 R 20 MPT 134 G	**11** 10	320 310	1048	485	3168	
375/70 R 20 MPT 136 G	**11** 12 10	390 400 380	1034	471	3107	
405/70 R 20 MPT 136 G	**11** 13	405 425	1065	485	3225	
425/75 R 20 MPT 148 G	**13** 11	441 421	1148	521	3440	
445/65 R 22.5 MPT[1] 160 G	**14** **13**	450 440	1172	536	3525	

Tyre load capacity (kg) at tyre pressure (bar)

0,6	0,8	1,0	1,2	1,4	1,6	2,0	2,5	3,0	3,5	4,0	4,5	6,0	Speed (km/h)
		460	510	570	630	740	880	1030	1180				90
		490	560	620	680	800	960	1120	1280				65
		510	570	640	700	830	1000	1160	1320				50
	460	520	590	650	720	850	1020	1190	1360				40
430	500	570	640	710	780	930	1110	1300	1480				30
610	720	820	920	1030	1130	1330	1600	1860	2120				10
		570	650	720	790	930	1110	1280	1450	1700[2]			90
		620	700	780	860	1010	1200	1390	1570	1840[2]			65
		640	720	800	880	1040	1240	1430	1620	1900[2]			50
	580	660	740	820	910	1070	1270	1470	1670	1950[2]			40
540	630	720	810	900	990	1170	1380	1600	1810	2120[2]			30
770	900	1030	1160	1290	1420	1680	1990	2300	2610	3060[2]			10
		780	880	980	1080	1280	1550	1830	2120				90
		850	960	1070	1170	1390	1680	1990	2300				65
		880	990	1100	1210	1430	1740	2050	2370				50
	790	900	1020	1130	1240	1470	1780	2100	2440				40
740	860	980	1110	1230	1350	1600	1940	2290	2650				30
1060	1240	1410	1590	1770	1940	2300	2790	3290	3820				10
		660	740	820	900	1060	1260	1460	1650				90
		710	800	890	980	1150	1370	1580	1790				65
		740	830	920	1010	1200	1410	1630	1850				50
	660	760	850	950	1040	1230	1460	1680	1900				40
620	720	820	930	1030	1130	1340	1570	1820	2060				30
890	1040	1180	1330	1480	1630	1920	2270	2620	2970				10
		790	890	980	1080	1280	1520	1760	2000				90
		860	960	1070	1170	1380	1650	1910	2170				65
		880	990	1100	1210	1440	1700	1970	2240				50
	790	910	1020	1130	1250	1470	1750	2020	2300				40
740	860	990	1110	1230	1360	1600	1900	2200	2500				30
1060	1240	1420	1600	1770	1950	2300	2730	3170	3600				10
		600	670	750	820	970	1160	1340	1510	1690	1950[3]		90
		650	730	810	890	1060	1250	1450	1640	1830	2120[3]		65
		670	760	840	920	1090	1290	1500	1690	1890	2180[3]		50
	600	690	780	860	950	1120	1330	1540	1730	1940	2240[3]		40
560	660	750	840	940	1030	1220	1440	1670	1890	2110	2440[3]		30
810	940	1080	1210	1350	1480	1750	2080	2400	2720	3040	3510[3]		10
		810	920	1020	1120	1330	1590	1870	2120				90
		880	990	1110	1220	1440	1730	2010	2300				65
		910	1030	1140	1250	1480	1780	2080	2380				50
	820	940	1050	1170	1290	1520	1820	2130	2440				40
760	890	1020	1150	1270	1400	1650	1990	2320	2650				30
1100	1280	1460	1650	1830	2010	2380	2870	3340	3820				10
		860	970	1080	1180	1400	1630	1850	2050	2240			90
		930	1050	1170	1280	1520	1770	2000	2220	2430			65
		960	1090	1210	1330	1570	1820	2070	2300	2510			50
	870	990	1110	1240	1360	1610	1870	2120	2360	2580			40
810	940	1080	1210	1350	1480	1750	2040	2310	2560	2800			30
1160	1360	1550	1740	1940	2130	2520	2930	3320	3690	4030			10
		970	1090	1210	1340	1580	1820	2040	2240				90
		1050	1190	1320	1450	1710	1970	2210	2430				65
		1090	1220	1360	1500	1770	2040	2280	2510				50
	980	1120	1260	1400	1540	1820	2090	2350	2580				40
910	1060	1210	1370	1520	1670	1970	2270	2550	2800				30
1310	1530	1750	1970	2190	2400	2840	3270	3670	4030				10
		1120	1260	1400	1540	1810	2150	2490	2820	3150			90
		1210	1360	1510	1670	1970	2340	2700	3060	3420			65
		1250	1410	1560	1720	2030	2410	2790	3160	3530			50
	1120	1280	1440	1610	1770	2090	2480	2860	3240	3620			40
1050	1220	1400	1570	1740	1920	2270	2690	3110	3530	3940			30
1510	1760	2010	2260	2510	2760	3270	3880	4480	5080	5670			10
		1270	1430	1580	1740	2060	2410	2750	3075	3390	3690	4500	90
		1370	1550	1720	1890	2235	2615	2985	3340	3675	4000	4885	65
		1420	1600	1770	1950	2305	2700	3080	3445	3795	4130	5040	50
	1280	1460	1640	1820	2005	2365	2770	3165	3540	3900	4240	5175	40
1190	1390	1580	1780	1980	2175	2575	3015	3440	3845	4235	4610	5625	30
1710	2000	2280	2570	2850	3135	3705	4340	4950	5540	6100	6640	8100	10

* More permitted rims on request

[1] Tread pattern AC 70 +

[2] at 4,25 bar [3] at 4,75 bar

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Technical data

Tyre size Service description LI/SS	Permitted rims*	Width (mm)	Outer diameter (mm)	Static loaded radius (mm)	Rolling circum-ference (mm)	Speed radius index
380/70 R 24 125 A8 (122 B)	**W 12** W 13 W 11	385 395 375	1190	540	3524	575
405/70 R 24 MPT 149 G	**13**	419	1166	541	3530	
420/70 R 24 130 A8 (127 B)	**W 13** W 14 L W 12	435 445 425	1248	561	3708	600
445/70 R 24 151 G	**W 13** W 14 L W 12	435 445 425	1248	561	3708	
480/70 R 24 138 A8 (135 B)	**W 15 L** W 16 L W 14 L	483 493 473	1313	582	3908	625
495/70 R 24 MPT 155 G	**W 15 L** W 16 L W 14 L	493 503 483	1313	582	3908	
420/70 R 28 133 A8 (130 B)	**W 13** W 14 L W 12	425 435 415	1348	604	4027	650
440/70 R 28 IND 152 A8 (149 B)	**W 13** W 14 L W 15	435 445 455	1348	604	4027	
480/70 R 30 141 A8 (138 B)	**W 15 L** W 16 L W 14 L	485 495 475	1462	653	4345	700
480/70 R 34 143 A8 (140 B)	**W 15 L** W 16 L W 14 L	486 496 476	1580	716	4711	750
520/70 R 34 148 A8 (145 B)	**W 16 L** W 18 L W 15 L	539 559 529	1649	740	4930	775
520/70 R 38 150 A8 (147 B)	**W 16 L** W 18 L W 15 L	530 550 520	1747	782	5230	825

* More permitted rims on request

Load values given for 0,4 bar and for 0,6 bar at 40 km/h are for calculating dual and triple load values only.
All load values are for maximum indicated speeds at low torque.
30 km/h (up to 40 km/h) load values also apply for low-speed high-torque field work.
For plowing with single driven tires in the furrow, a minimum inflation pressure of 0,8 bar is required.

Load capacities

AC 70 G

Tyre load capacity (kg) at tyre pressure (bar)

0,6	0,8	1,0	1,2	1,4	1,6	2,0	2,5	3,0	3,5	4,0	4,5	6,0	Speed (km/h)
		1205	1310	1400	1500								50
	1205	1325	1440	1540	1650								40
1150	1290	1420	1540	1650	1770								30
1400	1570	1725	1870	2005	2145	2475							10
		1050	1180	1320	1450	1710	2030	2340	2650	2950	3250		90
		1140	1290	1430	1570	1860	2200	2540	2870	3200	3530		65
		1180	1330	1470	1620	1920	2270	2620	2960	3300	3640		50
	1060	1210	1360	1510	1670	1970	2330	2690	3040	3390	3740		40
990	1150	1320	1480	1650	1810	2140	2530	2920	3310	3690	4060		30
1420	1660	1900	2130	2370	2610	3080	3650	4210	4760	5310	5850		10
		1410	1525	1640	1750								50
	1405	1550	1680	1800	1900								40
1340	1505	1660	1800	1930	2035								30
1630	1830	2015	2185	2310	2470	2850							10
		1220	1370	1520	1670	1980	2440	2930	3450				90
		1320	1490	1650	1820	2150	2650	3180	3740				65
		1370	1540	1710	1880	2220	2740	3290	3860				50
	1230	1400	1580	1750	1930	2280	2810	3370	3970				40
1140	1330	1520	1710	1900	2090	2480	3050	3670	4310				30
1650	1920	2190	2470	2740	3020	3560	4400	5280	6210				10
		1735	1880	2015	2180								50
	1730	1905	2065	2215	2360								40
1650	1855	2040	2215	2375	2525								30
2005	2250	2480	2690	2885	3070	3540							10
		1440	1620	1800	1980	2340	2840	3250	3875				90
		1560	1760	1950	2150	2540	3080	3630	4210				65
		1620	1810	2020	2220	2620	3180	3750	4340				50
	1450	1660	1860	2070	2280	2690	3260	3850	4460				40
1350	1570	1800	2020	2250	2470	2920	3550	4190	4850				30
1940	2270	2590	2920	3240	3560	4210	5110	6030	6980				10
		1510	1640	1760	1900								50
	1510	1660	1805	1930	2060								40
1440	1615	1780	1930	2070	2205								30
1750	1965	2160	2345	2515	2680	3090							10
			1550	1700	1890	2240	2630	3050	3250[1)]				50
		1500	1700	1885	2080	2460	2920	3390	3550[1)]				40
		1600	1820	2020	2230	2630	3120	3630	3800[1)]				30
		2250	2550	2820	3120	3690	4360	5060	5325[1)]				10
		1915	2075	2230	2360								50
	1915	2105	2285	2450	2575								40
1825	2050	2255	2445	2620	2755								30
2215	2490	2740	2970	3185	3350	3865							10
		2035	2205	2365	2500								50
	2030	2235	2425	2600	2725								40
1935	2170	2390	2595	2780	2915								30
2350	2640	2905	3150	3380	3545	4090							10
		2295	2490	2670	2900								50
	2290	2525	2740	2935	3150								40
2185	2455	2700	2930	3140	3370								30
2655	2985	3285	3560	3820	4095	4725							10
		2420	2625	2815	3075								50
	2420	2660	2885	3095	3350								40
2305	2590	2850	3090	3315	3585								30
2800	3145	3460	3755	4025	4355	5025							10

[1)] at 3,2 bar

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-speed-pressure data is valid for ground slopes up to and including 20%.
When operating on slopes greater than 20%, please, contact Mitas.

agricultural tyres

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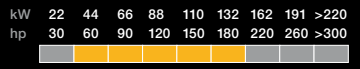
Suitability of the AC 85 in the field and on the road

[Standard tyre with 85% aspect ratio, approved for speeds up to 50 km/h - 31 mph]

In the field, on grassland and on the road – the AC 85 delivers high performance, meeting the demands made by a wide range of applications.

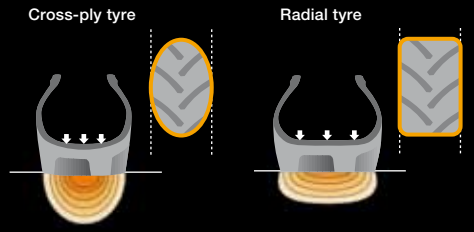
*Based on: rolling resistance, mileage, traction and gentle ground handling

AC 85



AC 85
Modern 85 Series all-round standard tyre for all applications

- Radial tyre with balanced characteristics for a wide range of applications both in the field and on the road
- Larger ground contact patch makes the tyre well suited for handling grassland
- Long service life thanks to the use of a wear resistant tread compound



Radial tyres offer better traction and enhanced ground protection than cross-ply tyres, because of their larger, rectangular ground contact patch.

Technical data

Tyre size Service description LI/SS	Permitted rims*	Width (mm)	Outer diameter (mm)	Static loaded radius (mm)	Rolling circum-ference (mm)	Speed radius index
280/85 R 20 112 A8 (109 B) 11.2 R 20	**W 10** W 9	299 289	981	444	2934	475
280/85 R 24 115 A8 (112 B) 11.2 R 24	**W 10** W 9	296 286	1090	497	3267	525
320/85 R 24 122 A8 (119 B) 12.4 R 24	**W 11** W 10 W 9	343 333 323	1158	530	3484	550
340/85 R 24 125 A8 (122 B) 13.6 R 24	**W 12** W 11	372 362	1189	536	3552	575
380/85 R 24 131 A8 (128 B) 14.9 R 24	**W 12** W 13 W 11	402 412 392	1258	563	3745	600
420/85 R 24 137 A8 (134 B) 16.9 R 24	**W 15** W 14 W 13	475 465 455	1320	591	3930	625
280/85 R 28 118 A8 (115 B) 11.2 R 28	**W 10** W 9	298 288	1190	551	3582	575
320/85 R 28 124 A8 (121 B) 12.4 R 28	**W 11** W 10 W 9	329 319 309	1259	578	3793	600
340/85 R 28 127 A8 (124 B) 13.6 R 28	**W 12** W 11	367 357	1299	587	3885	625
380/85 R 28 133 A8 (130 B) 14.9 R 28	**W 12** W 13 W 11	401 411 391	1362	608	4050	650
420/85 R 28 139 A8 (136 B) 16.9 R 28	**W 15** W 14 W 13	459 449 439	1431	641	4262	675
380/85 R 30 135 A8 (132 B) 14.9 R 30	**W 12** W 13 W 11	398 408 388	1427	641	4255	675
420/85 R 30 140 A8 (137 B) 16.9 R 30	**W 15** W 14 W 13	472 462 452	1478	666	4414	700
460/85 R 30 145 A8 (142 B) 18.4 R 30	**W 16** W 15 W 14	516 506 496	1546	697	4618	725

* More permitted rims on request

Load capacities

AC 85

Tyre load capacity (kg) at tyre pressure (bar)

0,6	0,8	1,0	1,2	1,4	1,6	2,0	2,4	3,0	Speed (km/h)
		820	890	955	1030				50
	820	900	980	1050	1120				40
780	880	970	1050	1125	1200				30
950	1070	1175	1275	1365	1455	1680			10
		890	970	1040	1120				50
	890	980	1070	1140	1215				40
850	960	1050	1140	1220	1300				30
1030	1160	1280	1390	1490	1580	1825			10
		1100	1190	1275	1360				50
	1095	1205	1305	1400	1500				40
1045	1175	1290	1400	1500	1605				30
1270	1425	1570	1700	1825	1950	2250			10
		1205	1305	1400	1500				50
	1205	1325	1435	1540	1650				40
1145	1290	1420	1535	1650	1765				30
1395	1565	1720	1870	2005	2145	2475			10
		1430	1555	1665	1800				50
	1430	1575	1710	1830	1950				40
1365	1530	1685	1830	1960	2090				30
1660	1860	2050	2220	2380	2535	2925			10
		1680	1820	1950	2120				50
	1675	1845	2000	2145	2300				40
1595	1795	1970	2140	2295	2460				30
1940	2175	2395	2600	2790	2990	3450			10
		965	1045	1125	1215				50
	965	1060	1150	1235	1320				40
920	1030	1135	1230	1320	1410				30
1120	1255	1380	1495	1605	1715	1980			10
		1180	1280	1370	1450				50
	1180	1295	1405	1510	1600				40
1125	1260	1385	1505	1615	1710				30
1365	1530	1685	1830	1960	2080	2400			10
		1295	1400	1505	1600				50
	1295	1425	1540	1655	1750				40
1230	1380	1520	1650	1770	1875				30
1500	1680	1850	2005	2150	2275	2625			10
		1535	1665	1785	1900				50
	1535	1690	1830	1965	2060				40
1460	1640	1800	1960	2100	2205				30
1775	1995	2195	2380	2550	2680	3090			10
		1790	1945	2085	2240				50
	1790	1970	2135	2290	2430				40
1705	1915	2110	2290	2450	2600				30
2070	2325	2560	2780	2980	3160	3645			10
		1585	1720	1845	2000				50
	1585	1740	1890	2025	2180				40
1510	1695	1865	2020	2170	2335				30
1835	2060	2265	2460	2635	2835	3270			10
		1850	2005	2150	2300				50
	1845	2030	2205	2365	2500				40
1760	1975	2175	2360	2530	2675				30
2140	2400	2640	2865	3075	3250	3750			10
		2130	2310	2480	2650				50
	2130	2340	2540	2720	2900				40
2030	2280	2510	2720	2910	3100				30
2460	2760	3040	3300	3540	3770	4350			10

Technical data

Load capacities


AC 85

Tyre size Service description LI/SS	Permitted rims*	Width (mm)	Outer diameter (mm)	Static loaded radius (mm)	Rolling circum-ference (mm)	Speed radius index
380/85 R 34 146 A8 (146 B) 14.9 R 34	**W 12** W 13 W 11	401 411 391	1538	699	4577	725
420/85 R 34 142 A8 (139 B) 16.9 R 34	**W 15** W 14 W 13	471 461 451	1598	724	4761	750
420/85 R 34 147 A8 (147 B) 16.9 R 34	**W 15** W 14 W 13	469 459 449	1593	722	4755	750
460/85 R 34 147 A8 (144 B) 18.4 R 34	**W 16** W 15 W 14	518 508 498	1676	756	4982	775
13.6 R 36[1] 127 A8 (124 B)	**W 12** W 11	360 350	1499	692	4492	725
340/85 R 38 133 A8 (130 B) 13.6 R 38	**W 12** W 11	365 355	1562	719	4685	750
380/80 R 38 142 A8 (142 B) 14.9 R 38	**W 12** W 11 W 13	380 370 390	1590	730	4790	750
420/85 R 38 144 A8 (141 B) 16.9 R 38	**W 15** W 14 W 13	469 459 449	1696	772	5088	800
460/85 R 38 149 A8 (146 B) 18.4 R 38	**W 16** W 15 W 14	508 498 488	1768	805	5280	825
520/85 R 38 155 A8 (152 B) 20.8 R 38	**W 16** W 18	545 565	1857	827	5515	875
480/80 R 42 151 A8 (151 B) 18.4 R 42	**W 16** W 15 W 14	513 503 495	1850	835	5540	875
520/85 R 42 162 A8 (159 B) 20.8 R 42	**W 16** W 18	537 557	1966	896	5878	925
380/90 R 46 149 A8 (146 B) 14.9 R 46	**W 12** W 13 W 11	392 402 382	1844	846	5542	875
480/80 R 46 158 A8 (158 B) 18.4 R 46	**W 16** W 15 W 14	507 497 487	1960	896	5886	925
520/85 R 46 158 A8 (155 B) 20.8 R 46	**W 16** W 18	542 562	2058	925	6131	975
380/90 R 50 151 A8 (151 B) 14.9 R 50	**W 12** W 13 W 11	380 390 370	1949	888	5850	925
480/80 R 50 159 A8 (159 B)	**W 16** W 15 W 14	495 485 475	2065	945	6210	975

Tyre load capacity (kg) at tyre pressure (bar)

0,6	0,8	1,0	1,2	1,4	1,6	2,0	2,4	3,0	Speed (km/h)
		1850	2005	2150	2290	2535	3000		50
	1680	1850	2005	2150	2290	2535	3000		40
1600	1800	1980	2145	2300	2450	2710	3210		30
1945	2185	2405	2610	2795	2970	3295	3900	4500	10
		1960	2125	2280	2430				50
	1955	2155	2335	2505	2650				40
1865	2095	2305	2500	2680	2835				30
2265	2545	2800	3035	3255	3445	3975			10
		2155	2335	2505	2650	2905	3075		50
	1955	2155	2335	2505	2650	2905	3075		40
1865	2095	2305	2500	2680	2835	3110	3290		30
2265	2545	2800	3035	3255	3445	3775	4000	4350	10
		2250	2445	2620	2800				50
	2250	2475	2685	2880	3075				40
2145	2405	2650	2875	3080	3290				30
2605	2925	3220	3490	3745	4000	4615			10
		1160	1300	1450	1600				50
	1110	1270	1430	1590	1750				40
1020	1190	1360	1530	1700	1870				30
1240	1450	1660	1860	2070	2280	2630			10
		1505	1635	1750	1900				50
	1500	1655	1795	1925	2060				40
1430	1605	1770	1920	2060	2205				30
1740	1955	2150	2335	2500	2680	3090			10
		1720	1880	2090	2300	2505	2650		50
	1545	1720	1880	2090	2300	2505	2650		40
1455	1655	1840	2010	2235	2460	2680	2835		30
1770	2010	2235	2440	2715	2990	3255	3445	3900	10
		2070	2240	2400	2575				50
	2065	2270	2465	2640	2800				40
1965	2210	2430	2635	2830	3000				30
2390	2685	2955	3205	3435	3640	4200			10
		2370	2575	2760	3000				50
	2370	2605	2830	3030	3250				40
2255	2535	2790	3030	3245	3480				30
2745	3080	3390	3680	3945	4225	4875			10
		2865	3105	3330	3550				50
	2860	3150	3415	3660	3875				40
2725	3060	3370	3655	3920	4145				30
3310	3720	4090	4440	4760	5040	5815			10
		2565	2805	3125	3450				50
	2305	2565	2805	3125	3450				40
2170	2465	2745	3000	3345	3690				30
2840	3230	3590	3925	4375	4830	5175			10
		3000	3255	3490	3710	4110	4375		50
	2995	3300	3575	3840	4075	4520	4750		40
2860	3205	3530	3825	4100	4360	4835	5085		30
3470	3895	4285	4650	4990	5300	5875	6175	7125	10
		1900	2075	2310	2540	2785	3000		50
	1875	2085	2280	2535	2790	3060	3250		40
1765	2010	2235	2440	2715	2985	3275	2480		30
2315	2625	2920	3195	2550	3905	4285	4550	4875	10
		2685	2935	3245	3550	3960	4250		50
	2410	2685	2935	3245	3550	3960	4250		40
2270	2580	2870	3140	3470	3800	4240	4550		30
2760	3135	3485	3815	4215	4615	5545	5950	6300	10
		3135	3400	3645	3875				50
	3130	3445	3735	4005	4250				40
2785	3350	3685	4000	4290	4550				30
3625	4070	4480	4855	5210	5525	6375			10
		2180	2385	2640	2900	3215	3450		50
	1960	2180	2385	2640	2900	3215	3450		40
1845	2095	2330	2550	2825	3105	3440	3690		30
2415	2745	3050	3335	3700	4060	4505	4830	5175	10
		2800	3060	3405	3750	4105	4375		50
	2515	2800	3060	3405	3750	4105	4375		40
2370	2695	2995	3275	3645	3830	4395	4680		30
3100	3525	3920	4285	4765	5010	5750	6125	6565	10

* More permitted rims on request

[1] Tread pattern AC 90

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Technical data

Tyre size Service description LI/SS	Tread pattern	Permitted rims*	Width (mm)	Outer diameter (mm)	Static loaded radius (mm)	Rolling circum-ference (mm)	Speed radius index
340/85 R 38 148 A8 (145 B) (replaces 13.6 R 38)	**AC 85**	**W 11** W 12	355 365	1562	719	4685	750
380/90 R 46 159 A8 (156 B) (replaces 14.9 R 46)	**AC 85**	**W 12** W 13 W 11	392 402 382	1844	846	5542	875
380/90 R 50 160 A8 (160 B)	**AC 85**	**W 12** W 13 W 11	380 390 370	1949	888	5850	925

* More permitted rims on request

Load capacities

AC 85

Tyre load capacity (kg) at tyre pressure (bar)

1,2	1,6	2,0	2,4	2,8	3,2	3,6	4,0	4,4	Speed (km/h)
	1900	2030	2180	2385	2570	2740	2900		50
1795	2060	2230	2360	2620	2825	3010	3150		40
1920	2205	2385	2525	2800	3025	3225	3370		30
2205	2535	2745	2905	3220	3475	3705	3875		20
2515	2885	3120	3305	3665	3955	4215	4410	4650	10
2695	3090	3345	3540	3930	4240	4520	4725	4980	10 cycl
	2540	2785	3000	3255	3525	3765	4000		50
2280	2790	3060	3250	3580	2870	4135	4375		40
2440	2985	3275	2480	3830	4145	4425	4680		30
2805	3430	3765	4000	4405	4760	5090	5380		20
3195	3905	4285	4550	5010	5420	5790	6125	6420	10
3425	4185	4590	4875	5370	5810	6205	6565	6880	10 cycl
	2900	3215	3450	3730	4025	4290	4500		50
2385	2900	3215	3450	3730	4025	4290	4500		40
2550	3105	3440	3690	3990	4305	4590	4815		30
2930	3565	3955	4245	4590	4950	5275	5535		20
3335	4060	4505	4830	5220	5635	6005	6300	6620	10
3575	4350	4825	5175	5595	6040	6435	6750	7095	10 cycl

Load values given for 0,4 bar and for 0,6 bar at 40 km/h are for calculating dual and triple load values only.

All load values are for maximum indicated speeds at low torque.

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

For plowing with single driven tires in the furrow, a minimum inflation pressure of 0,8 bar is required.

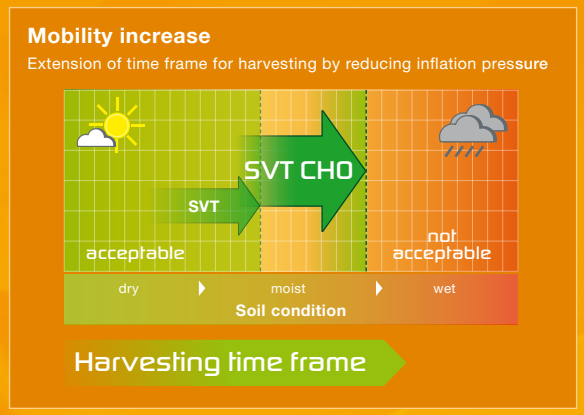
For intensive road transport at 50/40/30 km/h the pressure must be increased by 0,4 bar.
Maximum inflation pressure should never be exceeded.

All load-speed-pressure data is valid for ground slopes up to and including 20%.
When operating on slopes greater than 20%, please, contact MITAS.

Suitability of the SVT CHO during harvest time

[SVT CHO approved for speeds up to 50 km/h (31 mph)]

Its outstanding qualities of gentle ground handling extend the time frame for harvesting, as SVT CHO performs excellently even on moist or wet soil conditions – **for the maximum yield of your harvest!**

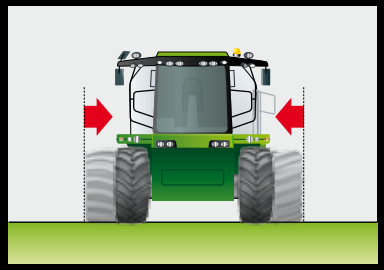


SVT CHO

NEW! SVT CHO

The most gentle ground handling tyre extending comfortably the harvesting time frame

- Harvester tyre with maximum cyclic axle load capacity
- Extremely low inflation pressure and more maximum load capacity at the same time, e.g. 1.6 bar vs. standard tyre 3.0 bar at a load of 10,710 kg
- Larger footprint than standard harvester tyres guarantees gentler ground handling and extends the harvesting time frame
- Due to its compact, narrow construction the tyre fulfills all legal requirements (limited vehicle width).



SVT CHO

Technical data

Tyre size Service description LI/SS	Tread pattern	Permitted rims*	Width (mm)	Outer diameter (mm)	Static loaded radius (mm)	Rolling circum-ference (mm)	Speed radius index
680/85 R 32 CHO 178 A8 (175 B)	**AC 70 G**	**DW 20 B** DW 21 B DW 23 B	663 673 693	1960	858	5865	925
800/70 R 32 CHO 175 A8 (172 B)	**SVT**	**DW 25 B** DW 27 B	748 768	1932	845	5630	925
900/60 R 32 CHO 176 A8 (173 B)	**SVT**	**DW 27 B** DW 30 B	835 865	1927	851	5700	925
900/70 R 32 CHO 182 A8 (179 B)	**SVT**	**DW 25 B** DW 30 B	881 911	2061	904	6075	975
800/70 R 38 CHO 178 D (181 A8)	**SVT**	**DW 25 B** DW 27 B	766 786	2042	916	6090	975
900/60 R 38 CHO 178 D (181 A8)	**SVT**	**DW 27 B** DW 30 B	860 890	2060	918	6115	975
680/80 R 42 CHO° 180 D (183 A8)	**SVT**	**DW 21 B** DW 23 B DW 20 B	660 680 650	2160	965	6400	1025

° calculated * More permitted rims on request

Load capacities

Tyre load capacity (kg) at tyre pressure (bar)

Tyre size	0,6	0,8	1,0	1,2	1,4	1,6	2,0	2,4	2,8	3,2	4,0	Speed (km/h)
680/85 R 32 CHO			3865	4230	4635	5000	5515	6000	6435	6900		50
		3915	4245	4645	5090	5450	6060	6500	7070	7500		40
	3775	4190	4540	4970	5445	5830	6485	6955	7565	8025		30
	3915	4345	4710	5155	5650	6050	6725	7215	7850	8235		25
	4340	4815	5220	5715	6260	6705	7450	7995	8695	9225		20
	6350	7045	7640	8365	9165	9810	10905	11700	12725	13500		10 CHO ##
800/70 R 32 CHO			4180	4575	5010	5450	5965	6300				50
		4235	4590	5025	5505	6000	6555	6900				40
	4085	4530	4915	5380	5895	6420	7015	7385				30
	4235	4700	5095	5580	6115	6600	7275	7660				25
	4695	5210	5650	6180	6775	7380	8060	8485				20
		7625	8265	9045	9915	10800	11800	12500				10 CHO ##
900/60 R 32 CHO			4250	4650	5020	5300	5950	6500				50
		4315	4670	5110	5515	5800	6535	7100				40
	4165	4615	5000	5465	5900	6205	6995	7595				30
	4320	4790	5185	5670	6120	6440	7255	7880				25
	4790	5305	5745	6285	6785	7135	8040	8735				20
		7765	8410	9195	9925	10440	11765	12780				10 CHO ##
900/70 R 32 CHO			5055	5530	6060	6700	7215	7750				50
		5120	5555	6080	6660	7300	7925	8500				40
	4940	5480	5945	6505	7125	7810	8480	9095				30
	5125	5685	6165	6750	7395	8105	8800	9435				25
	5675	6300	6830	7475	8195	8980	9750	10455				20
		9220	9995	10940	11990	13140	14270	15300				10 CHO ##
800/70 R 38 CHO			5190	5690	6115	6500	7035	7500				65
		5100	5685	6230	6695	7100	7705	8250				40
	4705	5360	5970	6545	7030	7475	8090	8625				30
	4850	5520	6150	6745	7245	7705	8335	8990				25
	5035	5730	6385	7000	7520	7995	8655	9225				20
		8385	9345	10245	11005	11700	12665	13500				10 CHO ##
900/60 R 38 CHO			4875	5325	5825	6300	6985	7500				65
		4805	5340	5835	6380	6900	7650	8250				40
	4450	5050	5605	6125	6700	7245	8035	8625				30
	4585	5200	5780	6315	6905	7465	8280	8990				25
	4775	5400	5995	6555	7165	7750	8590	9225				20
		7900	8775	9590	10485	11340	12575	13500				10 CHO ##
680/80 R 42 CHO°			4495	4920	5390	5800	6415	6900	7490	8000		65
		4540	4720	5385	5900	6350	7025	7555	8200	8750		40
	4295	4765	4920	5660	6200	6670	7375	7935	8615	9200		30
	4425	4910	5170	5830	6385	6875	7600	8175	8875	9480		25
	4595	5100	5325	6055	6630	7135	7895	8485	9210	9840		20
		7465	8095	8860	9705	10440	11550	12420	13480	14400		10 CHO ##

Load-pressure data for cyclic (CHO) 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.

Note : Cyclic applications means the case of harvester moving with full grain tank till its discharging.

Load values given for 0,4 bar and for 0,6 bar at 40 km/h are for calculating dual and triple load values only.

All load values are for maximum indicated speeds at low torque.

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

For plowing with single driven tires in the furrow, a minimum inflation pressure of 0,8 bar is required.

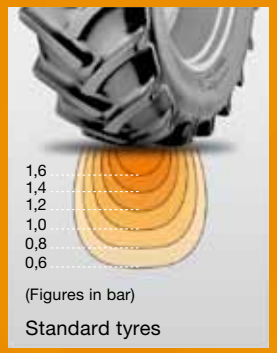
For intensive road transport at 50/40/30 km/h the pressure must be increased by 0,4 bar.
Maximum inflation pressure should never be exceeded.

All load-speed-pressure data is valid for ground slopes up to and including 20%.
When operating on slopes greater than 20%, please, contact Mitas.

Harvester tyres compared with standard tyres

[AC 70 H/G/N, SVT approved for speeds up to 50 km/h (31 mph)]

The extremely wide tyres distribute the weight of the machine across the surface area; as a result, the plant roots remain virtually undamaged.



SVT (harvester)

AC 70 H

AC 70 H/G/N SuperVolumeTyre (SVT)

Economical tyre for gentle ground handling on harvesters

- Harvester tyre with high load capacities and low inflation pressure
- Minimised load placed on soil structure, thanks to the wide and even distribution of ground pressure
- Low vibration on the road, through good absorption
- Very economical as a result of high mileage performance in field and road operations

Technical data

Tyre size Service description LI/SS	Tread pattern	Permitted rims*	Width (mm)	Outer diameter (mm)	Static loaded radius (mm)	Rolling circum-ference (mm)	Speed radius index
650/75 R 32 167 A8 (164 B)	**AC 70 H**	**DW 20 B** DW 21 B	650 660	1795	790	5255	825
650/75 R 32 167 A8 (164 B)	**AC 75 G**	**DW 20 B** DW 21 B	635 645	1798	782	5245	825
650/75 R 32 172 A8 (169 B)	**AC 70 G**	**DW 20 B** DW 21 B	650 660	1795	790	5255	825
680/85 R 32 173 A8 (170 B)	**AC 70 G**	**DW 20 B** DW 21 B DW 23 B	662 672 692	1950	852	5865	925
800/65 R 32 167 A8 (164 B)	**AC 70 H**	**DW 25 B** DW 27 B	795 815	1820	830	5430	875
800/65 R 32 172 A8 (169 B)	**AC 70 H**	**DW 25 B** DW 27 B	795 815	1820	830	5430	875
800/65 R 32 178 A8 (175 B)	**AC 70 N**	**DW 25 B** DW 27 B	743 763	1835	837	5500	875

* More permitted rims on request

Load capacities

AC 70 H AC 70 G AC 70 N

Tyre load capacity (kg) at tyre pressure (bar)

0,6	0,8	1,0	1,2	1,4	1,6	2,0	2,4	2,8	3,2	4,0	Speed (km/h)
		3200	3500	3835	4160	4565	5000				50
	3245	3515	3850	4215	4500	5020	5450				40
3125	3470	3760	4120	4510	4895	5370	5835				30
3245	3600	3900	4270	4680	5075	5570	6050				25
3595	3990	4325	4735	5185	5625	6170	6705				20
3800	4215	4570	5005	5480	5945	6525	7085	7610	8000[1)]		10
4675	5190	5625	6155	6745	7315	8030	8725	9370	9845[1)]		10 cycl ##
		3200	3500	3835	4160	4565	5000				50
	3245	3515	3850	4215	4500	5020	5450				40
3125	3470	3760	4120	4510	4895	5370	5835				30
3245	3600	3900	4270	4680	5075	5570	6050				25
3595	3990	4325	4735	5185	5625	6170	6705				20
3800	4215	4570	5005	5480	5945	6525	7085	7610	8000[1)]		10
4675	5190	5625	6155	6745	7315	8030	8725	9370	9845[1)]		10 cycl ##
		3200	3500	3835	4160	4565	5000	5330	5800		50
	3245	3515	3850	4215	4500	5020	5450	5855	6300		40
3125	3470	3760	4120	4510	4895	5370	5835	6265	6740		30
3245	3600	3900	4270	4680	5075	5570	6050	6500	6995		25
3595	3990	4325	4735	5185	5625	6170	6705	7200	7750		20
3800	4215	4570	5005	5480	5945	6525	7085	7610	8190	9235	10
4675	5190	5625	6155	6745	7315	8030	8725	9370	10080	11365	10 cycl ##
		3865	4230	4635	5025	5515	6000				50
	3915	4245	4645	5090	5520	6060	6500				40
3775	4190	4540	4975	5445	5910	6485	6955				30
3915	4345	4710	5155	5650	6130	6725	7215				25
4340	4815	5220	5715	6260	6790	7450	7995				20
4585	5090	5520	6040	6620	7175	7875	8450	9190	9655[1)]		10
5645	6265	6790	7435	8145	8835	9695	10400	11310	11885[1)]		10 cycl ##
		3900	4270	4610	5000						50
	3950	4285	4690	5065	5450						40
3810	4230	4585	5020	5420	5830						30
3955	4385	4755	5205	5625	6050						25
4380	4860	5270	5770	6230	6705						20
4630	5140	5570	6100	6585	7085	7630	8185				10
5700	6325	6855	7505	8105	8720	9390	10075				10 cycl ##
		3900	4270	4610	5000	5310	5800				50
	3950	4285	4690	5065	5450	5835	6300				40
3810	4230	4585	5020	5420	5830	6245	6745				30
3955	4385	4755	5205	5625	6050	6475	6995				25
4380	4860	5270	5770	6230	6705	7175	7750				20
4630	5140	5570	6100	6585	7085	7585	8190	8960	9400[1)]		10
5700	6325	6855	7505	8105	8720	9335	10085	11025	11570[1)]		10 cycl ##
		3900	4270	4610	5000	5310	5800	6270	6900		50
	3950	4285	4690	5065	5450	5835	6300	6890	7500		40
3810	4230	4585	5020	5420	5830	6245	6745	7375	8025		30
3955	4385	4755	5205	5625	6050	6475	6995	7650	8325		25
4380	4860	5270	5770	6230	6705	7175	7750	8475	9225		20
4630	5140	5570	6100	6585	7085	7585	8190	8960	9750	10820	10
5700	6325	6855	7505	8105	8720	9335	10085	11025	12000	13320	10 cycl ##

[1)] at 3,1 bar

Technical data

Tyre size Service description LI/SS	Tread pattern	Permitted rims*	Width (mm)	Outer diameter (mm)	Static loaded radius (mm)	Rolling circum-ference (mm)	Speed radius index
800/70 R 32 175 A8 (172 B)	**SVT**	**DW 25 B** DW 27 B	762 784	1932	845	5630	875
900/60 R 32 176 A8 (173 B)	**SVT**	**DW 27 B** DW 30 B	857 890	1905	850	5700	925
900/70 R 32 188 A8 (185 B)	**SVT**	**DW 27 B** DW 30 B	895 925	2050	896	6050	975
1050/50 R 32 178 A8 (178 B)	**SVT**	**36.00 VA**	1015	1890	845	5640	875

* More permitted rims on request

Load capacities

SVT harv.

Tyre load capacity (kg) at tyre pressure (bar)

0,6	0,8	1,0	1,2	1,4	1,6	2,0	2,4	2,8	3,2	4,0	Speed (km/h)
		4180	4575	5010	5460	5965	6300				50
	4235	4590	5025	5505	6000	6555	6900				40
4085	4530	4915	5380	5895	6420	7015	7385				30
4235	4700	5095	5580	6115	6600	7275	7660				25
4695	5210	5650	6180	6775	7380	8060	8485				20
4960	5505	5970	6535	7160	7800	8520	8970	10350			10
6105	6775	7345	8040	8810	9600	10485	11040	11730			10 cycl ##
		4250	4650	5020	5460	5950	6500				50
	4315	4670	5110	5515	6000	6535	7100				40
4165	4615	5000	5465	5900	6420	6995	7595				30
4320	4790	5185	5670	6120	6660	7255	7880				25
4790	5305	5745	6285	6785	7380	8040	8735				20
5060	5610	6070	6640	7170	7800	8495	9230	10650			10
6230	6905	7475	8175	8825	9600	10460	11360	12070			10 cycl ##
	4660	5055	5530	6060	6700	7215	7750	8415	9250		50
4615	5120	5555	6080	6660	7300	7925	8500	9250	10000		40
4940	5480	5945	6505	7125	7810	8480	9095	9895	10700		30
5125	5685	6165	6750	7395	8105	8800	9435	10265	11100		25
5675	6300	6830	7475	8195	8980	9750	10455	11375	12300		20
6000	6660	7220	7905	8660	9490	10305	11050	12025	13000	14585	10
7385	8195	8885	9725	10655	11680	12685	13600	14800	16000	17950	10 cycl ##
	5045	5515	5955	6500	7055	7500					50
	4655	5045	5515	5955	6500	7055	7500				40
4495	4985	5395	5900	6370	6955	7550	8025				30
4665	5170	5595	6120	6610	7215	7830	8325				25
5170	5730	6200	6785	7320	7995	8680	9225				20
5465	6055	6555	7170	7740	8450	9175	9750	11250			10
6725	7450	8070	8825	9525	10400	11290	12000	12750			10 cycl ##

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.

Note : Cyclic application means the case of harvester moving with full grain tank till its discharging.

Load values given for 0,4 bar and for 0,6 bar at 40 km/h are for calculating dual and triple load values only.

All load values are for maximum indicated speeds at low torque.

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

For plowing with single driven tires in the 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-speed-pressure data is valid for ground slopes up to and including 20%.
When operating on slopes greater than 20%, please, contact Mitas.

SuperVolumeTyre (SVT)

AC 65

AC 70 G

SuperVolumeTyre (SVT), AC 65 and AC 70 G
Harvester steer wheels

Specifically designed for use on the steering axle of harvesting equipment. They offer extremely high volume of air and consequently high load bearing capacities, yet very compact format. The special tread pattern featuring smooth areas between the lugs, plus the steel belt design, make the tyres resistant to damage. The large ground contact area protects the soil.

Technical data harvester steer wheels

Tyre size	Tread pattern	Permitted rims*		Tube and Valve (TL-valve)	Width (mm)	Outer diameter (mm)	Static loaded radius (mm)	Rolling circum-ference
460/70 R 24 IMP	AC 70 G	W 15 L W 16 L W 14 L	**TL**	–	455 465 445	1236	552 ⊙ 528 ⊖	3690 ⊙ 3620 ⊖
500/70 R 24 IMP	AC 70 G	W 16 L W 15 L	**TL**	–	496 486	1313	591 ⊙ 573 ⊖	3919 ⊙ 3908 ⊖
500/85 R 24 IMP	SVT	**W 16 L** W 15 L	**TL**	S 18.4(15)-26 T 47 GW S	528 518	1458	650 ⊙ 621 ⊖	4325 ⊙ 4237 ⊖
500/80 R 28 IMP	SVT	**W 16 L** W 15 L	**TL**	S 18.4(15)-26 T 47 GW S	517 507	1495	663 ⊙ 635 ⊖	4440 ⊙ 4355 ⊖
600/65 R 28 IMP	AC 65	**W 18 L** DW 18 L W 16 L	**TL**	S 18.4(15)-26 T 47 GW S	590 590 570	1485	661 ⊙ 640 ⊖	4411 ⊙ 4340 ⊖
500/85 R 30 IMP	SVT	**W 16 L** W 15 L	**TL**	S 18.4(15)-26 T 47 GW S	527 517	1605	711 ⊙ 680 ⊖	4750 ⊙ 4669 ⊖
540/65 R 30 IMP	AC 65	**W 16 L** W 18 L W 15 L	**TL**	–	526 546 516	1485	664 ⊙ 648 ⊖	4420 ⊙ 4365 ⊖
620/70 R 30 IMP	SVT	**W 18 L** DW 20 B DW 21 B	**TL**	–	625 645 655	1595	700 ⊙ 680 ⊖	4870 ⊙ 4770 ⊖
500/85 R 34 IMP°	SVT	**W 16 L** W 15 L	**TL**	–	503 493	1705	755 ⊙ 745 ⊖	5050 ⊙ 5000 ⊖

° calculated

* More permitted rims on request

⊙ drive wheel
⊖ free rolling axle

Load capacities


AC 70 G SVT AC 65

LI/SS PR	Tyre load capacity (kg) at tyre pressure (bar) 0,8	1,0	1,2	1,6	2,0	2,4	2,8	3,2	3,6	5,0	Speed (km/h)
151 A8 ⊙ 163 A8 ⊖	1350 1905	1540 2175	1735 2450	2120 2995	2455 3465	2790 3940	3110 4395	3450 4875			40 40
155 A8 ⊙ 164 A8 ⊖	1685 2170	1925 2480	2165 2790	2645 3410	3065 3950	3480 4490	3875 5000				40 40
158 A8 ⊙ 171 A8 ⊖	1795 2600	2050 2970	2310 3340	2820 4085	3270 4730	3715 5375	4250 6150				40 40
164 A8 ⊙ 176 A8 ⊖	1940 2755	2215 3150	2495 3540	3050 4330	3530 5015	4015 5700	4480 6360	5000 7100			40 40
156 A8 ⊙ 168 A8 ⊖	2170 3040	2480 3475	2790 3910	3410 4775	4000 5600						40 40
164 A8 ⊙ 176 A8 ⊖	2110 2995	2410 3425	2715 3855	3315 4710	3840 5455	4365 6200	5000 7100				40 40
156 A8 ⊙ 168 A8 ⊖	1900 2660	2170 3040	2445 3420	2985 4180	3460 4840	4000 5600					40 40
166 A8 ⊙ 178 A8 ⊖	2490 3525	2850 4030	3205 4535	3560 5035	3915 5540	4535 6415	5300 7500				40 40
166 A8 ⊙ 178 A8 ⊖	2555 3620	2875 4070	3195 4525	3515 4975	4070 5760	4630 6550	5300 7500				40 40

When fitted on tractor steering wheels, tyre load capacities are 80% of the loads for free-rolling applications.

All-Ground

Radial traction tyre for use on grassland. Ideally suited for working on slopes; protects the turf. Very quiet running on roads at speeds of up to 65 km/h (40 mph). High mileage performance through optimised tread pattern design.

Multi-Service

Radial tyre designed for use on fast-moving self-loading forage boxes and trailers at speeds of up to 65 km/h (40 mph). The larger footprint, thanks to the wide tread, and low tyre pressure protect both grassland and soil. The evenly balanced tread pattern design means the tyre is also suitable for utility vehicles (e.g. cleaning pavements) and for long journeys.

Implement radial tyres (IMP)
Tread patterns and recommended applications

Technical data IMP

Tyre size	Tread pattern	Permitted rims*		Tube and Valve (TL-valve)	Width (mm)	Outer diameter (mm)	Static loaded radius (mm)	Rolling circum-ference
440/50 R 17 IMP (replaces 425/55 R17)	All-Ground	14.00x17 13.00x17	**TL**	–	441 431	873	393	2605
500/50 R 17 IMP	Multi-Service	16.00x17	**TL**	–	520	933	425	2800

* More permitted rims on request

Load capacities

LI/SS PR	Tyre load capacity (kg) at tyre pressure (bar)										
	0,8	1,0	1,2	1,6	2,0	2,4	2,8	3,2	3,6	5,0	Speed (km/h)
135 D		870	950	1100	1430	1575	1715	2040	2180		65
	1075	1185	1295	1500	1940	2145	2330	2775	2965		40
	1190	1315	1435	1665	2155	2380	2585	3080	3290		30
	1420	1570	1715	1985	2570	2840	3085	3670	3925		10
149 D				1150	1505	1680	1845	2200	2665	3250	65
				1740	2275	2540	2785	3330	4030	4420	40
				1930	2530	2825	3090	3695	4470	4910	30
				2305	3015	3365	3685	4405	5330	5850	10

When fitted on tractor steering wheels, tyre load capacities are 80% of the loads for free-rolling applications.

Multi purpose radial tyres (MPT)
Tread patterns and recommended applications

Agro-Trailer

Radial tyre for agricultural and utility trailers; approved for speeds of up to 100 km/h (62 mph). The longitudinal and lateral structure of the tread pattern, combined with rounded tread shoulders, ensures low rolling resistance. The all-steel construction protects the tyre from damage.

AC 70 G

Special tractor drive wheel profile particularly good for avoiding damage to meadowland. Extremely quiet running on the road. Also well adapted for field use. Can be used on multi-purpose vehicles (90 km/h / 56 mph), telescope loaders and front axles of four-wheel drive tractors.

Technical data MPT

Load capacities


AC 70 G


Agro-Trailer

Tyre size LI/SS	Tread pattern	Permitted rims*		Tube and Valve (TL-valve)	Width (mm)	Outer diameter (mm)	Static loaded radius (mm)	Rolling circum-ference	**Tyre load capacity (kg) at tyre pressure (bar)** single tyre fitment									Speed (km/h)
									1,6	2,0	2,5	3,0	3,5	4,0	4,5	5,0	6,0	
265/70 R 16 MPT 114 G	AC 70 G	**8** 9 7	**TL**	(43 GS 16)** 10.0/75-15.3 T 47 GW S	261 271 251	775	354	2333	630 680	740 800	880 960	1030 1120	1180 1280					90 65
285/80 R 16 MPT 126 G	AC 70 G	**10** 9	**TL**	(43 GS 16)** 10.0/75-15.3 T 47 GW S	308 298	865	392	2579	790 860	930 1010	1110 1200	1280 1390	1450 1570	1700[1)] 1840[1)]				90 65
425/55 R 17 MPT 134 G	AC 70 G	**13.00 x 17**	**TL**	(43 GS 16)** 19.0/45-17 T 505/50-17 T 38 G 16 S	428 431	884 873	399 393	2642 2605	1080 1170	1280 1390	1550 1680	1830 1990	2120 2300					90 65
325/70 R 18 MPT 125 G	AC 70 G	**10** 11 9	**TL**	(43 GS 16)**	321 331 311	918	421	2765	900 980	1060 1150	1260 1370	1460 1580	1650 1790					90 65
355/60 R 18 MPT 142 J	Agro-Trailer	**11 x 18**	**TL**	(43 GS 16)** 10.5/80-18 13.0/65-18 355/60 -18 T 38 G16	352	890	398	2650	1030 1120	1220 1320	1460 1580	1700 1840	1930 2090	2170 2350	2410 2610	2650 2880		100 65
365/70 R 18 MPT 132 G	AC 70 G	**11** 12 10	**TL**	(43 GS 16)**	365 375 355	978	449	2947	1080 1170	1280 1380	1520 1650	1760 1910	2000 2170					90 65
275/80 R 20 MPT 131 G	AC 70 G	**9**	**TL**	(43 GS 16)**	274	966	446	2890	820 890	970 1060	1160 1250	1340 1450	1510 1640	1690 1830	1950[2)] 2120[2)]			90 65
335/80 R 20 MPT 134 G	AC 70 G	**11** 10	**TL**	(43 GS 16)**	320 310	1048	485	3168	1120 1220	1330 1440	1590 1730	1870 2010	2120 2300					90 65
375/70 R 20 MPT 136 G	AC 70 G	**11** 12 10	**TL**	(43 GS 16)** 16/70-20 375/70-20 T 405/70-20 T 47 GW S	390 400 380	1034	471	3107	1180 1280	1400 1520	1630 1770	1850 2000	2050 2220	2240 2430				90 65
405/70 R 20 MPT 136 G	AC 70 G	**11** 13	**TL**	(43 GS 16)** 16/70-20 375/70-20 T 405/70-20 T 47 GW S	405 425	1065	485	3225	1340 1450	1580 1710	1820 1970	2040 2210	2240 2430					90 65
425/75 R 20 MPT 148 G	AC 70 G	**13** 11	**TL**	(43 GS 16)**	441 421	1148	521	3440	1540 1670	1810 1970	2150 2340	2490 2700	2820 3060	3150 3420				90 65
445/65 R 22.5 MPT 160 G	AC 70+	**14** 13	**TL**	(43 GS 16)**	450 440	1172	536	3525	1740 1890	2060 2235	2410 2615	2750 2985	3080 3340	3390 3675	3690 4000	3970 4310	4500 4885	90 65

* More permitted rims on request ** Valve 50 GW optional

[1)] at 4,25 bar [2)] at 4,75 bar

Technical data MPT

Tyre size LI/SS	Tread pattern	Permitted rims*		Tube and Valve (TL-valve)	Width (mm)	Outer diameter (mm)	Static loaded radius (mm)	Rolling circum-ference
405/70 R 24 MPT 149 G	AC 70 G	**13** 12 11	**TL**	(43 GS 16)**	419 409 399	1166	541	3530
445/70 R 24 MPT 151 G	AC 70 G	**W 13** W 14 L W 12	**TL**	(43 GS 16)** 14.9-/16.9-24 420/70-24 T 480/70-24 T 47 GW S	435 445 425	1248	561	3708
495/70 R 24 MPT 155 G	AC 70 G	**W 15 L** W 16 L W 14 L	**TL**	(43 GS 16)** 14.9-/16.9-24 420/70-24 T 480/70-24 T 47 GW S	493 503 483	1313	582	3908

* More permitted rims on request ** Valve 50 GW optional

Load capacities

AC 70 G

Tyre load capacity (kg) at tyre pressure (bar) single tyre fitment

1,6	2,0	2,5	3,0	3,5	4,0	4,5	5,0	6,0	Speed (km/h)
1450 1570	1710 1860	2030 2200	2340 2540	2650 2870	2950 3200	3250 3530			90 65
1670 1820	1980 2150	2440 2650	2930 3180	3450 3740					90 65
1980 2150	2340 2540	2840 3080	3250 3630	3875 4210					90 65

AS-Farmer

AS-Farmer
Tough cross-ply tyre for tractors

- Proven cross-ply tyre for tractors
- Versatile and suitable for different agricultural use, particularly on dry grounds
- High lugs ensure good traction
- High resistance against puncture, cuttings and abrasion

Technical data

Load capacities


AS-Farmer

Tyre size Service description Ply Rating (PR)	Permitted rims*		Tube and Valve	Width (mm)	Outer diameter (mm)	Static loaded radius (mm)	Rolling circum-ference (mm)	Radius index (mm)	Tyre load capacity (kg) at tyre pressure (bar)# 1,0	1,4	1,6	1,7	1,8	2,1	2,4	2,8	3,1	3,4	3,7	Speed## (km/h)
7.5 L - 15 97 A8 / 6 PR	**6 LB** 5½ J	**TT**	7.5-15/28x9.00-15 T 38 G 11.5 S	213 208	762	355	2275	345	375 415 480 505	465 515 590 625	505 560 645 680	520 580 670 705	545 605 695 735	605 670 770 815	660 735 845 895	730 820 945 995				40 30 20 10
6.50 - 16 99 A8 / 8 PR	**4.50 E** 5.50 F 5.00 F 4.00 E	**TL**	6.00-/6.50-/7.00-16 T 38 G 16 S	179 189 184 174	773	360	2280	350	385 415 475 505	470 505 580 610	510 545 625 660	530 565 650 690	545 585 675 710	600 645 740 780	655 700 800 850	720 770 880 935	775 830 955 1010			40 30 20 10
7.50 - 16 8 PR	**5.00 F** 6.00 F 5.50 F	**TL**	7.00-/9.00-16 T 38 G 16 S	204 214 209	808	370	2430	375	420 505 545	505 605 655	545 650 705	560 675 730	580 695 755	630 755 820	680 815 880	740 890 960	785 940 1020	830 995 1080	875 1050 1340	30 20 10
8.3 - 24 6 PR	**W 6** W 7	**TT**	8.3(8)-24 T 47 GW S	201 211	995	470	2872	470	440 530 570	550 660 720	625 730 790									30 20 10
9.5 - 24 8 PR	**W 7** W 8	**TT**	9.5-/11.2(9/10)-24 T 47 GW S	231 241	1050	495	3070	495	570 685 745	700 840 915	765 920 995	795 955 1035	830 995 1075	920 1100 1195	1005 1210 1310	1110 1345 1455				30 20 10
11.2 - 24 8 PR	**W 9** W 10	**TT**	9.5-/11.2(9/10)-24 T 47 GW S	274 284	1105	520	3300	515	670 800 870	830 1000 1090	920 1100 1190	960 1150 1250	1000 1200 1300	1125 1350 1460	1250 1500 1625					30 20 10
12.4 - 24 8 PR	**W 9** W 11 W 10	**TT**	12.4-/13.6(11/12)-24 T 47 GW S	295 315 305	1160	539	3473	540	885 1060 1240	1065 1280 1490	1155 1385 1615	1200 1440 1680	1245 1490 1740	1415 1710 1995						30 20 10
14.9 - 24 8 PR	**W 11** W 13 W 12	**TT**	14.9-/16.9(13/14)-24 T 47 GW S	358 378 368	1265	581	3795	590	1200 1440 1560	1500 1800 1950	1650 1980 2150	1730 2070 2240	1800 2160 2340							30 20 10
14.9/80 - 24 12 PR	**W 11** W 13 W 12	**TT**	14.9/80-24 T 47 GW S	358 378 368	1215	565	3642	580	960 1150 1250	1200 1440 1560	1320 1580 1720	1380 1660 1790	1440 1730 1870	1620 1940 2110	1800 2160 2340	2040 2450 2650	2220 2665 2885	2400 2880 3120		30 20 10
8.3 - 28 8 PR	**W 6** W 7	**TT**	8.3-/9.5(8/9)-28 T 47 GW S	201 211	1095	521	3221	520	490 590 630	610 730 790	670 800 870	700 840 910	725 870 940	800 950 1030	860 1030 1120	935 1120 1215	990 1190 1290			30 20 10
11.2 - 28 8 PR	**W 9** W 10	**TT**	11.2-/12.4/13.6-28 T 47 GW S	274 284	1205	567	3529	565	760 915 990	930 1115 1210	1015 1215 1315	1055 1265 1370	1095 1310 1420	1210 1450 1570	1320 1585 1715					30 20 10
12.4 - 28 6 PR	**W 9** W 11 W 10	**TT**	11.2-/12.4/13.6-28 T 47 GW S	295 315 305	1260	598	3750	590	890 1070 1160	1120 1340 1450	1230 1480 1600	1285 1540 1670								30 20 10
9.5 - 30 6 PR	**W 7** W 8	**TT**	270/80-32/9.5-30 T 47 GW S	231 241	1200	572	3540	570	620 750 810	780 930 1010	860 1030 1110	890 1070 1160	930 1120 1210	1035 1240 1340						30 20 10
16.9 - 30 8 PR	**W 14 L** W 15 L	**TT**	14.9-/16.9(13/14)-30 T 47 GW S	419 429	1485	685	4390	695	1600 1920 2080	2000 2400 2600	2200 2640 2860	2300 2760 2990								30 20 10
8.3 - 32 6 PR	**W 6** W 7	**TT**	8.3(8)-32 T 47 GW S	201 211	1195	571	3543	570	490 590 640	610 740 800	680 810 880	710 850 920	740 880 960	830 990 1080	920 1000 1200					30 20 10
9.5 - 32 6 PR	**W 7** W 8	**TT**	9.5-/11.2(9/10)-32 T 47 GW S	231 241	1250	597	3695	595	640 770 835	800 955 1035	875 1050 1135	915 1095 1185	950 1140 1235	1065 1280 1385						30 20 10
12.4 - 32 6 PR	**W 9** W 11 W 10	**TT**	12.4(11)-32 T 47 GW S	295 315 305	1360	633	3975	640	950 1140 1230	1180 1420 1540	1300 1560 1690	1360 1630 1770								30 20 10

* More permitted rims on request

For tread pattern that differ from AS-Farmer see page 17

For field applications under high and sustained torque, the loads for 30 km/h (19 mph) apply.

For speeds up to 40 km/h (25 mph) see page 98

agricultural tyres

Continental
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Technical data

Tyre size Service description Ply Rating (PR)	Permitted rims*		Tube and Valve	Width (mm)	Outer diameter (mm)	Static loaded radius (mm)	Rolling circum-ference (mm)	Radius index (mm)
16.9 - 34 8 PR	**W 14** W 15 L	**TT**	16.9-/18.4(14/15)-34 T 47 GW S	419 429	1585	724	4680	745
18.4 - 34 8 PR	**W 15 L** W 16 L	**TT**	16.9-/18.4(14/15)-34 T 47 GW S	457 467	1650	750	5003	770
8.3 - 36 4 PR	**W 7**	**TT**	8.3-/9.5-36 T 47 GW S	211	1300	622	3915	620
9.5 - 36 6 PR	**W 7** W 8	**TT**	8.3-/9.5-36 T 47 GW S	231 241	1355	640	4000	645
9.5 - 36 10 PR	**W 7** W 8	**TT**	8.3-/9.5-36 T 47 GW S	231 241	1355	640	4000	645
9.5 - 42 10 PR	**W 7** W 8	**TT**	9.5-/11.2-42 T 47 GW S	231 241	1505	724	4595	720

* More permitted rims on request

For tread pattern that differ from AS-Farmer see page 17

Load capacities

AS-Farmer

Tyre load capacity (kg) at tyre pressure (bar)#

1,0	1,4	1,6	1,7	1,8	2,1	2,4	2,8	3,1	3,4	3,7	Speed## (km/h)
1690 2030 2200	2110 2540 2750	2320 2790 3020	2430 2920 3160								30 20 10
2120 2540 2760	2650 3180 3450										30 20 10
550 660 710	690 820 890	755 910 980									30 20 10
670 800 870	840 1000 1090	920 1110 1200	960 1160 1250	1000 1210 1310	1130 1360 1470						30 20 10
670 800 870	840 1000 1090	920 1110 1200	960 1160 1250	1000 1210 1310	1130 1360 1470	1220 1460 1590	1340 1610 1740	1430 1715 1860	1520 1830 1980		30 20 10
640 760 830	800 950 1030	880 1050 1140	910 1100 1190	950 1150 1240	1070 1290 1390	1190 1430 1550	1370 1645 1780	1505 1805 1955	1640 1960 2120		30 20 10

For field applications under high and sustained torque, the loads for 30 km/h (19 mph) apply.

For speeds up to 40 km/h (25 mph) see page 98

agricultural tyres

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T 9

- Tough steering tyre with a cross-ply construction
- Multi-rib tread pattern with short, strong shoulder lugs
- Secure track holding and good climbing capabilities when steering out of the furrow

Steering tyre T 9
Cross-ply steering tyre for tractors

Technical data

Tyre size	Permitted rims*		Tube and Valve	Width (mm)	Outer diameter (mm)	Static loaded radius (mm)
4.00–16 AS-Front (T 9)	**3.00 D x 16**	**TT**	4.00/4.50-16 TAS 38 G 11.5/16	112	630	302
4.50–16 AS-Front (T 9)	**3.00 D x 16**	**TT**	4.00/4.50-16 TAS 38 G 11.5/16	122	655	308
5.00–16 AS-Front (T 9)	**3.50 D x 16 4.00 E x 16**	**TT**	5.00/5.50-16 TAS 38 G 11.5/16	140	680	318
6.00–16 AS-Front (T 9)	**4.00 E x 16 4.50 E x 16**	**TT**	6.00/7.00-16 T 38 G 11.5/16	165	735	342
6.50–16 AS-Front (T 9)	**4.50 E x 16 5.00 E x 16 5.50 E x 16**	**TT**	6.00/7.00-16 T 38 G 11.5/16	175	760	355
7.50–16 AS-Front (T 9)	**5.50 F x 16**	**TT**	7.00/8.00-16 T 38 G 11.5/16	205	805	376

Load capacities

PR	Tyre load capacity (kg) at tyre pressure (bar) Speed: 30 km/h										Front end loader 10 km/h kg/bar
	1,0	1,5	2,0	2,3	2,5	2,8	3,1	3,3	3,4	3,7	
4	160	200	235	250	265	280	295	305	320		430/3,4
4	190	240	285	305	325	345	365				490/3,1
4	215	270	320	345	370	390					490/2,8
6	275	355	420	450	480	505	535	560			1120/4,1
6	315	400	475	510	545	580	615				1230/3,9
6	385	500	605	660	705	745					1490/3,5
8	385	500	605	660	705	745	790	815	840	870	1740/4,6

* More permitted rims on request

AS-Farmer / T 55/2

Lugged tread pattern for powered axle. T 55/2 with central ridge for sickle bar mowers.

Traction Farmer

Lugged tread pattern for driven wheels.

M 159

Cross-divided rolling tread, for free rolling and powered axles. For municipal vehicles and golf course tractors.

AW-Farmer Farmer AW

Good track holding for trailed wheels due to rolling rib profile and strong side lugs.

Implement cross-ply tyres (IMP)
Tread patterns and recommended applications

M 3

Ribbed tread patterns without any lateral tread elements.

Technical data

Tyre size	Tread pattern	Permitted rims*		Tube and valve	Width (mm)	Outer diameter Roll (mm)	Outer diameter Traction (mm)	Static loaded radius Roll (mm)	Static loaded radius Traction (mm)	Rolling circum-ference (mm)
11x7-4	**M 3**	**6.00 x 4**	**TT**	11x7-4 F 28 G 920 S	185	270	-	117	-	-
4.00-8	**T 55/2**	**3.00 x D-8**	**TT**	3.50-8/400x100 4.40-8/400x100 38 G 11.5 S	114	415	425	192	197	-
7.00-12	**AW-Farmer AS-Farmer spec.**	4.25 x 12 5 JA x 12[1)]	**TL**	7.00-12 T 38 G 16 S	181 195	667	687	308	316	2020 2070
8.00-12 Implement	**AW-Farmer**	5.00 x 12 4.25 x 12	**TT**	8.00-12 T 38 G 16 S	222 214	710	-	321	-	2102
10.0/75-12	**AW-Farmer**	**9.00 x 12** 7.00 x 12	**TT**	10.0/75-12 T 11.0/65-12 T 38 G 16 S	264 244	674	-	305	-	2013
11.0/65-12	**AS-Farmer**	**9.00 x 12** 7.00 x 12	**TT**	10.0/75-12 T 11.0/65-12 T 38 G 16 S	281 261	-	692	-	310	2125
10.0/75-15.3 replaces 10-15	**AS-Farmer AW-Farmer M159**	**9.00 x 15.3***		38 G 16 S	264	764	786	343	353	2305
11.5/80-15.3 replaces 11.5-15	**AS-Farmer AW-Farmer**	**9.00 x 15.3***		38 G 16 S	290	845	-	372	-	2550
4.00-16 Implement	**AS-Farmer**	**3.00 D x 16**	**TL**	4.00-16 T 4.50-16 T 38 G 16 S	114	-	628	-	296	1900
6.00-16 Implement	**AS-Farmer**	**4.00 E x 16**	**TT**	6.00-16 T 6.50-16 T 7.00-16 T 38 G 16	164	-	735	-	345	2215
230/70-16 replaces 9.0/70-16	**AS-Farmer**	**7.00** W 8 W 7	**TL**	9.0/70-16 T 10.0/75-16 T 38 G 16 S	240	-	770	-	335 ⊙ 325 ⊖	2285 ⊙ 2252 ⊖
270/75-16 replaces 10.0/75-16	**AS-Farmer**	**9 x 16** W 9 W 8	**TL**	9.0/70-16 T 10.0/75-16 T 38 G 16 S	262	-	811	-	363 ⊙ 344 ⊖	2440 ⊙ 2378 ⊖
15.0/55-17 replaces 15-17	**Farmer AW**	**13.00 x 17**	**TL**	15.0/55-17 T (15-17 T) 38 G 16 S	367	850	-	371	-	2570
15.0/55-17 replaces 15-17	**Traction-Farmer**	**13.00 x 17**	**TL**	15.0/55-17 T (15-17 T) 38 G 16 S	367	-	858	-	373	2592

* More permitted rims on request
[1)] Rim 5 JA x 12 only use with inner tube

⊙ drive wheel
⊖ free rolling axle

Load capacities

Tyre size	LI/SS PR	Tyre load capacity (kg) at tyre pressure (bar) 1,0	1,5	1,8	2,0	2,3	2,5	2,8	3,1	3,4	3,9	4,2	4,4	Speed (km/h)
11x7-4	4 PR	190	250	290	320	340	370	400	420					30
4.00-8	2 PR	120	155											30
7.00-12	6 PR	400	500	560	595	645	680							30
8.00-12 Implement	6 PR	520	660	750	805	870								30
10.0/75-12	6 PR	595	760	870	920	975								30
11.0/65-12	8 PR	635	790	900	950	1020	1070	1120	1170	1270				30
10.0/75-15.3 replaces 10-15	8 PR 10 PR	710 710	885 885	1000 1000	1060 1060	1140 1140	1190 1190	1260 1260	1330 1330	1460	1550			30 30
11.5/80-15.3 replaces 11.5-15	8 PR 10 PR 12 PR	930 930 930	1175 1175 1175	1320 1320 1320	1420 1420 1420	1520 1520 1520	1590 1590 1590	1675 1675 1675	1750 1750	1930 1930	2145	2145		30 30 30
4.00-16 Implement	2 PR	210	260											30
6.00-16 Implement	6 PR	385	470	535	570	620	650	685						30
230/70-16 replaces 9.0/70-16	106 A8 ⊙ 10 PR 119 A8 ⊖	460 650	600 860	690 980	730 1040	765 1080	790 1110	810 1150	830 1190	860 1250	915 1290	935 1330	950 1360	40 40
270/75-16 replaces 10.0/75-16	101 A8 ⊙ 6 PR 114 A8 ⊖	500 710	650 935	710 1010	770 1100	825 1180								40 40
15.0/55-17 replaces 15-17	10 PR	1090	1460	1640	1750	1970	2120							30
15.0/55-17 replaces 15-17	12 PR	1090	1460	1640	1750	1970	2120	2240	2360					30

When fitted on tractor steering wheels, tyre load capacities are 80% of the loads for free-rolling applications.

agricultural tyres

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Technical data

Tyre size	Tread pattern	Permitted rims*		Tube and valve	Width (mm)	Outer diameter Roll (mm)	Outer diameter Traction (mm)	Static loaded radius Roll (mm)	Static loaded radius Traction (mm)	Rolling circumference (mm)
320/80-18 replaces 12.5/80-18	**AS-Farmer**	**9 x 18**[1)]	**TL**	12.5/80-18 T 14.5/80-18 T 38 G 16 S	308	-	1000	-	443 ⊙ 430 ⊖	3025 ⊙ 3015 ⊖
360/80-20 replaces 14.5/75-20	**AS-Farmer**	**11 x 20** 12 x 20	**TL**	16/70;335/80-20 375/405/70-20 47 GW S	360 370	-	1092	-	492 ⊙ 485 ⊖	3205 ⊙ 3200 ⊖
400/70-20 replaces 16/70-20	**AS-Farmer**	**13 x 20** 14 x 20	**TL**	16/70;335/80-20 375/405/70-20 47 GW S	412 422	-	1106	-	503 ⊙ 493 ⊖	3337 ⊙ 3325 ⊖
15.5/80-24	**AS-Farmer**	**W 13** W 14 W 12	**TL**	14.9-/16.9-24 T (13/14-24 T) 47 GW S	376 387 365	-	1270	-	586 ⊙ 575 ⊖	3841 ⊙ 3820 ⊖
15.5/80-24	**AS-Farmer**	**W 13** W 14 W 12	**TL**	14.9-/16.9-24 T (13/14-24 T) 47 GW S	376 387 365	-	1270	-	586 ⊙ 575 ⊖	3841 ⊙ 3820 ⊖
16.5/85-24	**AS-Farmer**	**W 13** W 15 L W 14 L	**TL**	14.9-/16.9-24 T (13/14-24 T) 47 GW S	413 435 424	-	1338	-	590 ⊙ 580 ⊖	4032 ⊙ 4010 ⊖

* More permitted rims on request
[1)] Rim 9x18 not permitted for 10 and 12 PR

⊙ drive wheel
⊖ free rolling axle

Load capacities

AS-Farmer

LI/SS PR	Tyre load capacity (kg) at tyre pressure (bar) 1,0	1,5	1,8	2,0	2,3	2,5	2,8	3,1	3,4	3,9	4,2	4,4	Speed (km/h)
126 A8 ⊙	900	1185	1330	1440	1500	1540	1570	1700					40
10 PR													
139 A8 ⊖	1290	1700	1900	2060	2145	2200	2315	2430					40
128 A8 ⊙	1140	1480	1600	1630	1800								40
8 PR													
141 A8 ⊖	1630	2135	2290	2330	2575								40
142 A8 ⊙	1190	1565	1750	1890	2110	2260	2455	2650					40
14 PR													
154 A8 ⊖	1700	2235	2500	2710	3020	3230	3490	3750					40
145 A6 ⊙	1290	1690	1930	2100	2340	2500	2700	2900					30
12 PR													
157 A6 ⊖	1830	2405	2750	2980	3320	3550	3840	4125					30
152 A6 ⊙	1290	1690	1930	2100	2340	2500	2700	2900	3160	3550			30
16 PR													
164 A6 ⊖	1830	2405	2750	2980	3320	3550	3840	4125	4350	4875			30
153 A6 ⊙	1700	2225	2540	2650	2800	2900	3135	3370	3650				30
14 PR													
165 A6 ⊖	2400	3150	3600	3750	3955	4090	4420	4750	5150				30

When fitted on tractor steering wheels, tyre load capacities are 80% of the loads for free-rolling applications.

AS-Farmer

Cross-ply off-road tyre for multi-purpose vehicles, tractors, loaders dumper trucks and off-road fork lifts, in agriculture, forestry and the construction industry.

Multi purpose cross-ply tyres (MPT)
Tread patterns and recommended applications

Technical data

Load capacities

Tyre size	Tread pattern	Permitted rims*		Tube and Valve (TL-valve)	Width (mm)	Outer diameter (mm)	Static loaded radius (mm)	Rolling circum-ference (mm)	PR	LI SS	Tyre load capacity (kg) at tyre pressure (bar) single tyre fitment									Speed (km/h)
											1,75	2,0	2,5	3,0	3,5	3,75	4,0	4,25	4,5	
275/80-18 MPT 10.5-18 MPT	**AS-Farmer**	9 x 18	TL	10.5/80-18 T 13.0/65-18 T 36 G 16	278	900	422	2660	10	126 E	960	1060	1250	1430	1610	1700				70
275/80-20 MPT 10.5-20 MPT	**AS-Farmer**	9 x 20	TL	10.5-20 T 38 G 16[1] (43 GS16)[2]	278	948	444	2805	8	123 E	1010	1110	1330	1550						70
335/80-20 MPT 12.5-20 MPT	**AS-Farmer**	11 x 20 11-20 SDC	TL	12.5/14.5-20 T 38 G 16[1] (43 GS16)[2]	340	1044	480	3055	10	129 E	1370	1510	1700	1850						70
365/80-20 MPT 14.5-20 MPT	**AS-Farmer**	11 x 20** 11-20 SDC	TL	12.5/14.5-20 T 38 G 16[1] (43 GS16)[2]	360	1092	503	3215	10	132 E	1560	1730	2000							70

* More permitted rims on request ** higher than LI 132 consider rim load capacity

[1] Valve 47 GW optional [2] Valve 50 GW optional

B 3

Specially designed for garden tractors, large mowers and municipal tractors.

AC 30

Robust tread pattern for construction vehicles.

T 55/2

Lugged tread pattern for driven wheels. Central tread ridge for sickle bar mowers.

Garden tractor tyres
Tread patterns and recommended applications

Technical data

Tyre size	Tread pattern	Permitted rims*		Tube and valve	Width (mm)	Outer diameter Roll (mm)	Outer diameter Traction (mm)	Static loaded radius Roll (mm)	Static loaded radius Traction (mm)	Dyn. rolling circum-ference (mm)	LI/SS PR	Tyre load capacity (kg) at tyre pressure (bar) Speed: 25 km/h[1]										
												0,6	0,7	0,8	0,9	1,0	1,5	1,75	2,0	2,25	2,4	
6-6	**T 55/2**	4.00 E x 6	TT	6-6 41.5 G 70	145	–	425	–	192	–	2 PR	85	90	95	100	110	–	–	–	–	–	–
18 x 7.00-8	**B 3** **T 55/2**	5.375 I x 8 5.50 A x 8	TL	43 GS 11.5	177 178	450	460	205	210	1345 1370	4 PR 4 PR	170	185	195	210	235	280	300	325	–	–	–
23 x 8.50-12	**B 3**	7.00 x 12 7.00 I x 12 7 JA x 12	TL	43 GS 11.5	214	575	–	260	–	1750	6 PR	250	270	295	325	350	455	490	605	695	775	–
28 x 9.00-15	**AC 30**	7.00 I x 15 (6 1/2K x 15)	TT	43 GS 16	234 229	–	710	–	322	2160	6 PR	395	425	455	480	510	650	710	760	815	850	–

												0,8	1,0	1,2	1,4	1,6	1,8	2,0	2,5	3,0	3,5	4,0
240/70-15 (28 x 9.00-15)	**B 3**	7.00 I x 15 (6 1/2K x 15)	TL	7.5-15 28 x 9.00-15 T 38 G 11.5 S	227 232	721	–	322	–	2135	115 A 8 ⊙ 8 PR	450	510	580	640	710	720	770	920	1020	1180	1215

* More permitted rims on request

[1] The following tyre load capacities apply to other maximum speeds:
at max. 20 km/h 112% of the table values
at max. 30 km/h 93% of the table values
at max. 40 km/h 75% of the table values (only for journeys to place of use)
⊙ drive wheel

M 3 Rillen

652

B 11

Proven tread patterns in various sizes and load capacity levels for all transport equipment in warehouses and factories.

Handcart tyres
Tread patterns and recommended applications

Technical data

Tyre size	Permitted rims	PR	Rim*		Tube and valve	Tyre dimensions Standard value Outer dia. mm	Width mm	Tyre load capacity kg	Tyre pressure bar
210 x 65	**M 3 Rillen**	2	1.50-3	TT	210 x 65 28 G 90	210	70	100	2,5
260 x 85	**652**	2	2.10-4	TT	260 x 85/3.00-4 38 G 90 28 G 90	260	95	200	2,5
14 x 4 (4.00-6) (350 x 100)	**B 11**	4	2.50 A x 6	TT	14 x 4 90° 38 G GV 38/11.5	360	116	400	4,5
16 x 4 (4.00-8) (400 x 100)	**B 11**	4	2.50 A x 8	TT	400 x 100 38 G 11.5 41.5 G 70	414	116	480	4,5

according to DIN 7809 * More permitted rims on request Max. Speed: 8 km/h

Explanations referring to tractor tyres (tables on page 20 to 69 and 78 to 85)

Load capacity and speed.
When determining the minimum tyre size necessary for a vehicle, the approved axle load and the maximum design speed of the vehicle should always be used as the basis. Nominal load capacity = 100 % load, as indicated by the Load Index (LI), see page 5.

In the case of twin-fitted driven wheels, a factor of **1.76** is applied to the load capacity of a single-fitted tyre.

Tyre pressure. The tyre pressures given in the tables are minimum tyre pressures and should be used as a guide only. The given max. air pressures may not be exceeded.

All tyre pressures refer to the “cold” tyre which has been standing outdoors for several hours, not exposed to intense sunlight.

For **twin fitments** of **radial** tyres on tractors (to minimise ground pressure) a min. tyre pressure of **0.4** bar is allowed.

The **Static Loaded Radius** is the distance between center of wheel and paved ground measured at reference load and pressure.

The **Rolling Circumference** (at reference load and reference pressure) is the distance a tyre covers with one revolution on paved surface. Measurement acc. to ISO 11795.

The **Speed Radius Index** (SRI) is by convention a parameter used exclusively for calculation of theoretical speed of tractors. In no case SRI can be used as measurable value of rolling circumference.

Instead of **W** or **W...L** rims, the same size in DW or DWW may be used if the flange height is the same. (Designation of rims see pages 102 ff.)

Increase and decrease in load capacity

Speed (km/h)	Tractor radial tyres			Tractor cross-ply tyres		Steering tyres	
	D Load capacity (%)	**A8** Load capacity (%)	Tyre pressure (%)	Load capacity (%)	Tyre pressure (%)	Load capacity (%)	Tyre pressure (%)
10/ (only harvesters)[1]	170	170	130	170[2]	130	150[2]	125
10/ (only front end loaders)	150	150	125	140[2]	125	200[2]	125
10	150	150	125	140[2]	125	150[2]	125
15	134	134	100	130	100	143	100
20	123	123	100	120	100	135	100
25	118,5	111	100	107	100	115	100
30	115	107	100	100	100	100	100
35	112	103	100	90	100	90	100
40	109,5	100	100	80	100	80	100
45	107	96	100	–	–	–	–
50	105	91	100	–	–	–	–
60	101,5	–	–	–	–	–	–
65	100	–	–	–	–	–	–
70	91	–	–	–	–	–	–

[1] In service with cyclic loading operations and max. speed 10 km/h (6 mph) and hillside operation up to max. 11° (20%) slope!
[2] Only for tyres with at least 6 PR.

Explanations referring to IMP/MPT tyres (tables on page 70 to 77 and 86 to 93)

IMP = Implement tyres
MPT = Multi purpose tyres

Load capacity and speed.
When determining the minimum tyre size necessary for a vehicle, the approved axle load and the maximum design speed of the vehicle should always be used as the basis. Nominal load capacity = 100 % load, as indicated by the Load Index (LI), see page 5.

In the case of twin-fitted driven wheels, a factor of **1.76** is applied to the load capacity of a single fitment tyre.

Tyre pressure. The tyre pressures given in the tables are minimum tyre pressures and should be used as a guide only. The given max. air pressures may not be exceeded.

All tyre pressures refer to a "cold" tyre which has been standing outdoors for several hours, not exposed to intense sunlight.

The **static radius** is for the new tyre laden at the max. load capacity and at the corresponding tyre pressure as per the table concerned.

The **rolling circumference** corresponds to the max. load capacity **(100%)** and is inflated at the corresponding tyre pressure as per the table concerned. At **50%** of the max. load capacity the rolling circumference is increased by approx. **1%** for a **radial** tyre and by approx. **1.8%** for a **cross-ply** tyre on the drive wheel of an agricultural tractor.

Rims. Only the rims indicated in this data book are approved for fitting to new vehicle series.

Load capacity increase and decrease for Implement Tyres with LI identification

Speed (km/h)	permitted tyre load capacity in % of given load capacity corresponding to load index and reference speed			
	free rolling axle		drive wheel axle	
	A6	**A8**	**A6**	**A8**
0	165	165	235	235
10	129	140	129	140
15	121	133	121	133
20	114	126	114	126
25	107	119	107	119
30	0	112	0	112
35	95	105	95	105
40	90	0	90	0
45	–	95	–	95
50	–	90	–	90

When fitted on tractor steering wheels, tyre load capacities are 80% of the loads for free-rolling applications.

Load capacities for various maximum design speeds and for special applications

Maximum speed in km/h (determined by vehicle design)	Approved load capacity in % of the nominal load capacity according to Load Index for reference speed			
	E (70 km/h)	G (90 km/h)	J (100 km/h)	K (110 km/h)
120	–	–	–	–
115	–	–	–	–
110	–	–	–	**100**
105	–	–	–	100
100	–	–	**100**	100
95	–	–	101	101
90	–	**100**	102	102
85	–	103	103	103
80	–	104	104	104
75	–	105,5	105,5	105,5
70	**100**	107	107	107
65	105	108,5	108,5	108,5
60	110	110	110	110
55	111	111	111	111
50	112	112	112	112
45	113	113	113	113
40[1)]	115	115	115	115
35[1)]	119	119	119	119
30[1)]	125	125	125	125
25[1)]	135	135	135	135
20[1)]	150	150	150	150
15[1)]	165	165	165	165
Application-restricted speed				
10[1)]	180	180	180	180
5[1)]	210	210	210	210
Stationary[1)]	250	250	250	250

[1)] Twin tyre load capacity = 2 x single tyre load capacity.

For other applications please contact tyre manufacturer.

Implement Tyres with LI identification

	drive wheel		free rolling
	mixed application		

Rims

1. Important elements of the rim

Rim flange: lateral support for the tyre bead
Rim flange distance: rim width
Rim bead seat: base on which the tyre bead is seated
Rim well: inner side of the rim
Rim diameter: specified rim diameter flange/bead seat
Rim hump: continuous raised section of the rim bead seat which enables a better fitting of tubeless tyre beads at low pressure

2. Main types of rims

Well-base rim: one-piece; deeper well for easier tyre fitting (5° tapered bead seat)
("x" in wheel size designation)
e.g. 5.50 F x 16
9 x 18
Semi drop centre rim: split; the base is slightly deeper (5° tapered bead seat)
(SDC designation of the wheel = Semi Drop Centre)
e.g. 11-20 SDC
15° drop centre rim: one-piece; deeper well for easier tyre fitting (15° tapered bead seat)
("x" in wheel size designation)
e.g. 17.00 x 22.5

3. Wheel disc

The wheel disc is the linking element between the rim and the axle hub. Of all the measurements for wheel linking elements - centre bore, bore diameter, bolt holes and rim well depth (or offset) - the latter is an important dimension for the unimpeded movement of the tyre in any wheel position. (Rim offset = 0, when rim centre and hub contact area of the wheel disc are in line), On twin tyre fitments the distance between the rim centres would be twice the rim well depth plus twice the thickness of the wheel disc.

4. Wheel strength

For special cases the adequate rim strength must be confirmed by the rim manufacturer.

5. Lateral and true running of the wheels (without tyres)

Both on fast vehicles and on large heavy wheels it is particularly important that the wheels are well-centred.

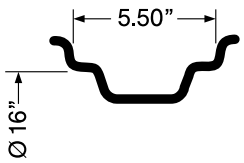
On faster vehicles there should be as little radial and lateral run-out as possible on both bead/seat/flange sides of the rim, in order to achieve good quiet running. For fast commercial vehicles, both light and heavy, particularly low radial values may be necessary and these could be considerably below the specified standard maximum values.

6. Testing ring diameter d_z and size U

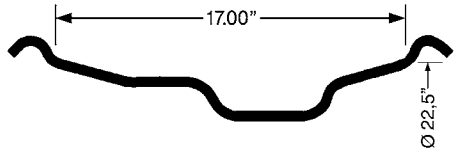
Values for calibration of ball measuring tape.

DIN: Deutsche Industrie-Norm
(German Industrial Standard)

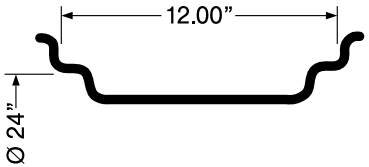
Examples of rims



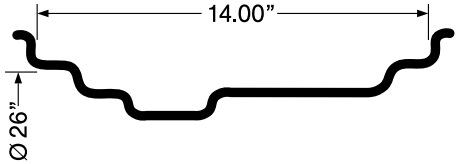
Well-base rim 5.50 F x 16
Rim width in inches
Flange type
One-piece rim
Rim nom. dia. in inches



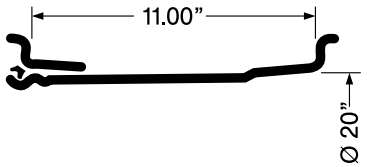
15° drop centre rim 17.00 x 22.5
Rim width in inches
One-piece rim
Rim nom. dia. in inches



Wide rim W 12 x 24
W = (Wide)
Rim width in inches
One-piece rim
Rim nom. dia. in inches



Wide rim with 2nd well base DW 14 x 26
DW = (double well)
Rim width in inches
One-piece rim
Rim nom. dia. in inches



Semi drop centre rim 11–20 SDC
Rim width in inches
Multi-piece rim
Rim nom. dia. in inches
SDC = (semi drop centre)

agricultural tyres

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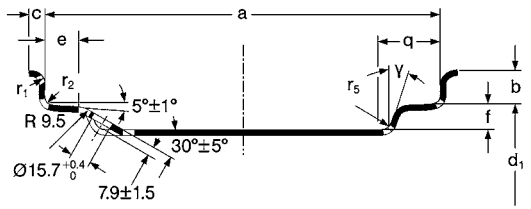
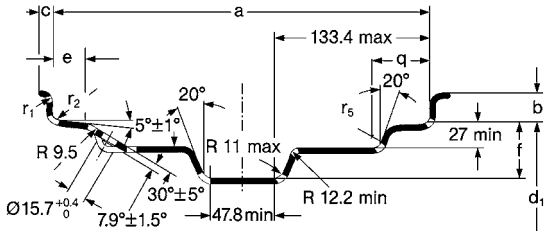
Wide rims acc. DIN 7823 for agricultural tractors

W 6 up to W 13
W 8 L up to W 18 L



DW 10 up to DW 30 B



Rim		Testing ring*	
Code Ø	d_1 Ø	d_2 Ø	U ± 1,2
16	405,6	404,27	1270,0
18	462,0	460,62	1447,1
20	512,8	511,42	1606,7
24	614,4	613,02	1925,9
26	665,2	663,82	2085,5
28	716,0	714,62	2245,1
30	766,8	765,42	2404,6
32	817,6	816,22	2564,2
34	868,4	867,02	2723,8
36	919,2	917,82	2883,4
38	970,0	968,62	3043,0
42	1071,6	1070,22	3362,2
46	1173,2	1171,82	3681,4
48	1224,0	1222,62	3841,0**
50	1274,8	1273,42	4000,6

* Measuring ball 16 mm dia. without knurling. ** ± 2,4 Rim measurements see table on page 105

agricultural tyres

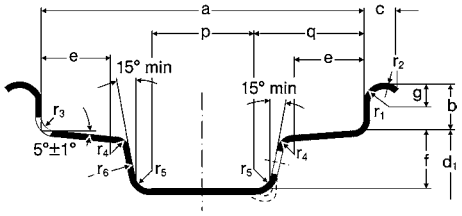
Wide rims acc. to DIN 7823 for agricultural tractors

Rim-contour	a Nominal value	a Permitted deviation	b + 1,2 – 0,4	c min.	c max.	e min.	f min.	q max.	r_1	r_2 max.	r_5 max.	γ min.
W 6	152,5	± 2,5	22,5	10,0	14,5	23,5	20,5	44,5	9,5	6,5	11,0	6°
W 7	178,0											
W 8	203,0											
W 9	228,5		25,5	11,5	16,0	27,0		51,0	11,0			15°
W 10	254,0											
W 11	279,5							57,5				
W 12	305,0											
W 13	330,0											
W 8 L	203,0		22,5					51,0				
W 10 L	254,0											
W 14 L	355,5	± 5,0	25,5			33,0		57,5				
W 15 L	381,0											
W 16 L	406,5											
W 18 L	457,0											
DW 10	254,0	± 2,5	25,5			27,0		54,0			14,5	
DW 11	279,5											
DW 12	305,0											
DW 13	330,0											
DW 14 L	355,5	± 5,0			18,0	36,5	41,0	63,5		8,0		
DW 15 L	381,0											
DW 16 L	406,5					50,5		95,5				
DW 18 L	457,0											
DW 20 B	508,0	± 6,5	29,0	21,0	-				15,0			
DW 21 B	533,5											
DW 23 B	584,0											
DW 25 B	635,0											
DW 27 B	686,0											
DW 30 B	762,0											

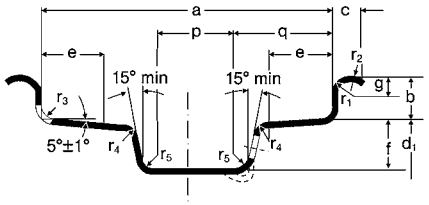
”L“-rims have a flange only 25.4 mm high (L = low) compared to 28.6 mm on the corresponding DW rims.
By arrangement the tapered bead seat rims can be knurled:
Distance between knurling and rim flange 9.5 ± 0.8 mm
and base transition radius 1.6 mm min.
Knurling depth max. 0.8 mm, projection compared to non-knurled bead seat min. 0.2 mm.
Knurling distance 1.6 to 3.2 mm.
DW-B rirns replace DW-A rirns and can be used with full interchangeability.

Well-base rims according to DIN 7818 for light commercial and agricultural vehicles

Symmetrical well-base rim
3.00 D to 5.50 F

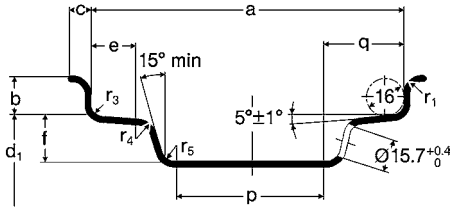


Asymmetrical well-base rim
5.50 F to 6.00 F

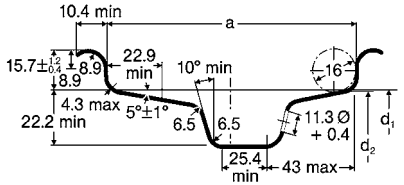


Rim size	d_1	Testing ring (16 mm) d_2	Testing ring (16 mm) U ±1,2	a ±1,5	b +1,2 −0,4	c Nominal value	c Permitted deviation	e min.	f min.	g	p min.	q max.	r_1	r_2	r_3 max.	r_4 min.	r_5 max.	r_6 min.
3.00 D x 14	354,8	353,47	1110,5	76,2	17,5	12,2	+3,3 0	14,2	18	12,4	17,8	28,7	13,0	8,1	6,4	6,0	10	31,8
3.00 D x 15	380,2	387,87	1190,2															
3.00 D x 16	405,6	404,27	1270,0															
3.50 D x 16				88,9				15,7			19,0	34,0						34,9
4.00 E x 16				101,6	19,8	12,4	+4,1 0	18,0	19,9	13,6		35,0	14,2	8,6				38,0
4.50 E x 16				114,3					23,4		22,0	39,7						-
4.00 E x 18	462,0	460,62	1447,1	101,6					19		19,0	35,0						38,0
4.50 E x 20	512,8	511,42	1606,7	114,3					23,4		22,0	39,7						
5.00 F x 16	405,6	404,27	1270,0	127,0	22,2	12,9	+2,3 0	23,9	27,6	14,5	25,4	54,0	15,6	9,7				
5.00 F x 18	462,0	460,62	1447,1															
5.00 F x 20	512,8	511,42	1606,7															
5.50 F x 15	380,2	378,97	1190,2	139,7														
5.50 F x 16	405,6	404,27	1270,0															
5.50 F x 18	462,0	460,62	1447,1															
5.50 F x 20	512,8	511,42	1606,7															
6.00 F x 16	405,6	404,27	1270,0	152,4					28,6									
6 ½ K x 15	380,2	378,87	1190,2	165,1	19,6	11,0	+4,0 0	22,0	20,3	10,3	22,0	45,0	10,7	9,5		9,5	7	

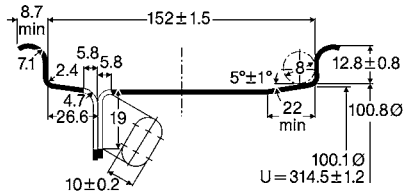
Rims for garden tractors and implement applications (also DIN 7827)



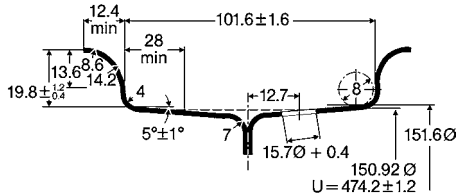
4.25 x 12 7.00 x 12 5 JA x 12



5.375 I 7.00 I



6.00–4



4.00 E-6

Rim size	d_1	Testing ring (16 mm) d_2	Testing ring (16 mm) U ±1,2	a ±1,5	b ±1,0	c Nominal value	c Permitted deviation	e min.	f min.	p min.	q max.	r_1	r_3 max.	r_4 max.	r_5 max.
4.25 x 12**	305,6	304,26	955,8	107,9	18,0	15	+1,5 0	16,5	27	20,0	40	10,0	5,0	10	10
7.00 x 12**	305,6	304,26	955,8	177,8	20,5	12	+5,5 0	19,8	31	30,0	60	11,0	6,4	19	10*
5.375 I x 8	202,4	201,07	631,7	136,5	see illustrations										
7.00 I x 15	380,2	378,87	1190,2	177,8											
5 JA x 12	304,0	302,67	950,9	127,0	15,8 [1]	9	+1,5 0	17,8	19	52,8	38	8,1	4,3	15	10
4.00 E - 6	see illustrations														
6.00 - 4															

* for continuous manufacturing r_5 = max. 12 mm allowed. ** only rims for agricultural tyres

[1] +1,2 −0,4

rims

agricultural tyres

Continental
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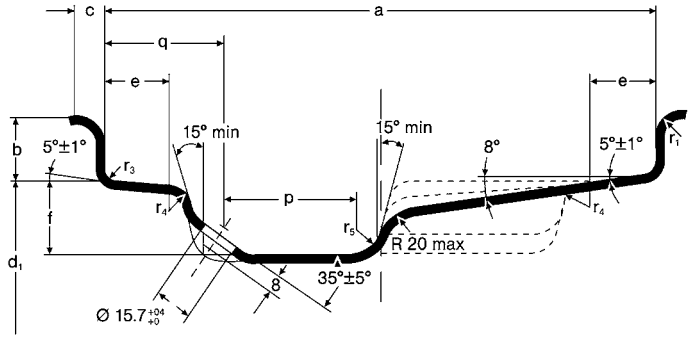
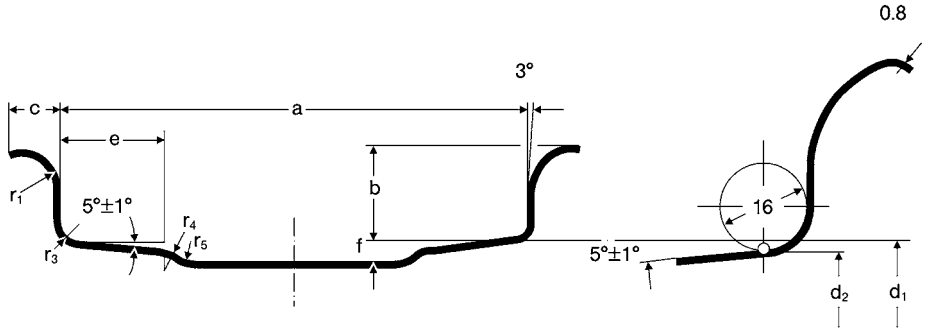
Drop centre rims according to DIN 7827 for Implement, MPT and Sand tyres



Rim size	d_1	Testing ring (16 mm) d_2	Testing ring (16 mm) U	a	b		c		e	f	p	q	r_1	r_3	r_4	r_5
					Nominal value	Permitted deviation	Nominal value	Permitted deviation								
			±1,2	±2,4					min.	min.	min.	max.		max.	max.	max.
9.00 x 15,3	388,3	386,98	1215,7		19,0	±1,0		+5,5 0	25,0	34	50					
9 x 18	462,0	460,82	1447,1	228,6					27,0		55	60				
9 x 20	512,8	511,42	1606,7													
11 x 16	405,6	404,27	1270,0		25,4	+1,2 -0,4		+4,0 0					11	6,4		10
11 x 18	462,0	460,82	1447,1	279,4					31,8							
11 x 20	512,8	511,42	1606,7				12				61				19	
13.00 x 17	436,6	435,22	1367,3	330,2	19,0	±1,8			30,0	31		65				
16.00 x 17				406,4*												
13 x 20	512,8	511,42	1606,7	330,2	25,4	+1,2 -0,4		+5,5 0	31,8		90		12	8,0		20
14 x 20				355,6												
17 x 20				431,8*												

* ± 4,7

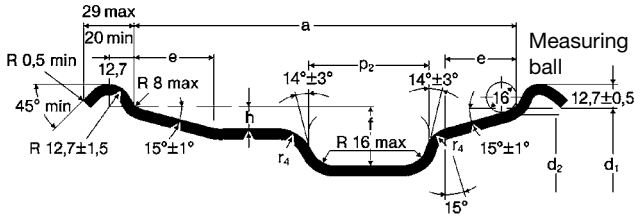
Semi drop centre rims (SDC) according to DIN 7826 for commercial and all-purpose vehicles and earth-moving equipment



Rim size	d_1	Testing ring (16 mm) d_2	Testing ring (16 mm) U	a		e	f	r_3	r_4	r_5	b	c	r_1
				Nominal value	Permitted deviation								
	Ø	Ø	±1,2			min.	min.	max.	ca.	ca.	±1,2	min.	±2,5
11-20 SDC	512,8	511,42	1606,7	279,4	± 5	50	10	8	13	10	25,4	13	11
12-20 SDC				304,8	± 6								
13-20 SDC				330,2					15				
36.00 VA*	817,6	816,22	2564,2	914,4	± 6	59,7	11	8	18	10	43,2	24,6	22,9

* standardised according to Tyre & Rim Association

15° drop centre rim according to DIN 78022 for commercial vehicles (agricultural vehicles with Code AG)



Rim		Testing ring (16 mm)		a	e	p_2*	q*	f	h
Rim width code designation	Rim diameter code designation	d_2	U ±1,2	±4,7	min.	min.	max.	min.	min.
13.00	15.5	393,7	1226,9	330,2			68		
	22.5	571,5	1785,4				70		
14.00	19.5	495,3	1546,0	355,6			68		
	22.5								
16.00	22.5			406,4					
17.00	22.5			431,8	34	62		30	11
18.00	22.5	571,5	1785,4	457,2			70		
20.00	22.5			508,0					
24.00	22.5			609,6					

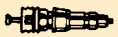
* for AG rims: p_2 = 82 mm and q = 70 mm

Valve accessories according to DIN 7757

An absolutely airtight valve insert is guaranteed only when the **valve cap** is screwed on firmly. This also acts as a protection against dirt. Dust caps (without seal) only provide a little protection.

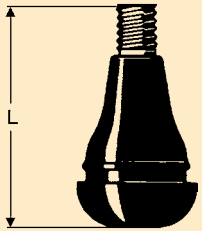
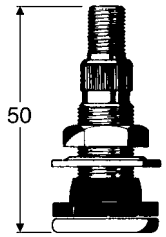
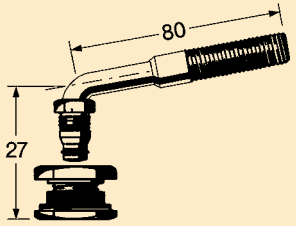
In many cases a **valve extension** is essential in order to be able to check the tyre pressure during use without having special examination, extensions and equipment.

Ask your valve manufacturer about valve extensions.



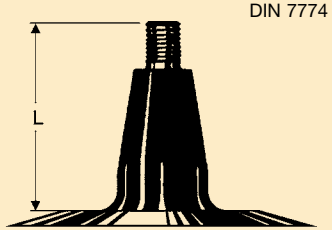
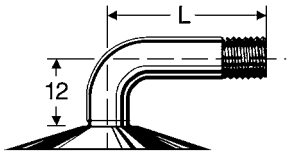
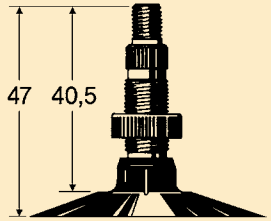
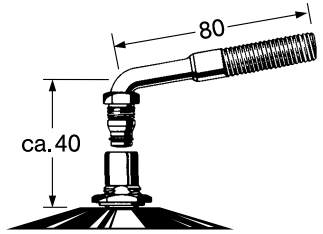
Valve insert 20:
For valves with normal bore.

Valves for tubeless fitting

	Valve description			Valve-hole dia.	L
	DIN	ETRTO	TRA*		
DIN 7780 	– 43 GS 11.5 49 GS 11.5 43 GS 16	V 2-03-9 V 2-03-1 V 2-03-2 V 2-03-3	– TR 413 TR 414 TR 415	8,8 11,3 11,3 15,7	59,0 42,5 48,5 42,5
DIN 78026 	50MSW	V 4-02-1 Insert for water filling V 5-01-1 Valve base	TR 618 A	16	
DIN 7786 	Angled valve 80 DS 80	V 5-04-01 Valve body V 5-10-1 Valve base	TR-J 650 Valve body SP 2 Valve base	20,5	

* Tire & Rim Association

Valves for tubeless fitting

	Valve description			Valve-hole dia.	L
	DIN	ETRTO	TRA*		
DIN 7774 	38 G 11.5 38 G 16	V 2-01-1 V 2-01-2	TR 13 TR 15	11,5 16,0	35 35
DIN 7777 	28 G-90 28 G-90	V 6-01-1 –	– –	– –	28 38
DIN 7773 	47 GW	V 4-02-1 Insert for water filling V 4-01-1 Valve base	TR 218 A	16	–
DIN 7786 	Angled valve 80 GD 80	V 5-04-01 Valve body – Valve base	TR-J 650 Valve body SP 4000 Valve base	20,5	

* Tire & Rim Association

Application technology – Maintenance and care

Storage

Unused tyres should be stored in cool, dry, dark and lightly ventilated rooms. Tyres which are not fitted on rims should be stored standing up. Avoid contact with fuel, lubricants, solvents and chemicals.

Fitting the tyre

Particular care should be taken when fitting the tyre. Only rust-free rims of the right size should be used. These should not be damaged or show any signs of wear and tear. The loose flange side should be examined carefully.

For new tyres, always use new rubber tubeless valves or seals for tubeless metal valves, or new inner tubes and flaps. It is particularly important with large tyres that these should already fit on the rim flange with as little tyre pressure as possible.

When agricultural tyres are being fitted they may not be inflated to more than 150% of the max. tyre pressure. The pressure may not in any case exceed 2.5 bar.

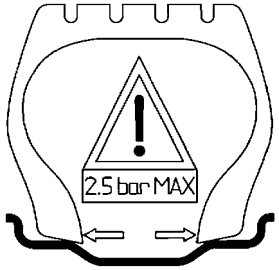
When MPT are being fitted they may not be inflated to more than 150% of the max. tyre pressure. The pressure may not in any case exceed 10.0 bar.

Easy access to valves must be ensured at all times, even after they become soiled in use, to allow regular checking of the tyre pressure.

Maintenance and care of the vehicle's tyres and wheels

An expert should always be called in to make a qualified judgement on the tyres and to carry out repairs. The high standard of quality of the tyres and vehicle, which is achieved by the measures and recommendations stated above, can only be ensured by **regular checking of all factors.**

Tyres age as a result of physical and chemical processes and this may impair their performance. Regrooving of the tread pattern should be carried out only by qualified experts when the word "REGROOVABLE" or the symbol Ω is displayed on the tyre sidewall.



agricultural tyres

Continental
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Filling the tyre with water or anti-freeze solution

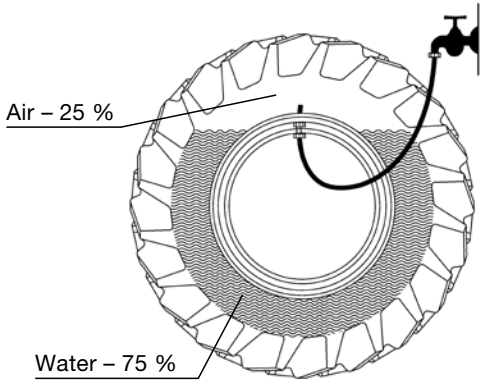
To ensure similar flexibility to air inflated tyres, only 70-75% of the tyre volume should be filled. This is achieved if the valve is rotated to its highest position and the tyre filled “to the valve”, as described below. The table shows the filling quantities in litres per tyre. Any anti-freeze solution must be prepared in accordance with the manufacturer’s instructions.

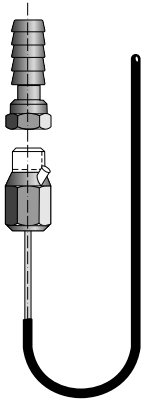
Filling procedure

After jacking up the vehicle, the tyre should be turned so that the valve is in its highest position. Instead of a valve, a combined water fill and draining valve (see illustration) is screwed onto the valve shaft. It has an opening at the side through which the air can escape while water is entering. The tyre is sufficiently full (70% to 75%) when the water comes out of the opening.

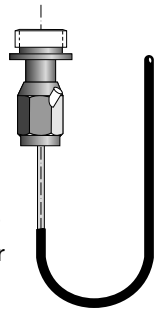
A stirred anti-freeze solution, held in a container at a higher level, can be put into the tyre via a hose and the water fill valve.

When filling with clear water, the hose from the water fill valve can be connected to the water supply.
After filling the tyre, the original valve is reinstalled and the tyre is re-inflated to the normal pressure.





“Hanauer Maus”
combined device for filling and emptying water



“Waterboy”
combined device for filling and emptying water

Filling table (for one tyre)

Quantity when approx. 75 % full	
Tyre size Cross-ply and radial	Litres (kg)
7.5L – 15	35
6.00 – 16	30
6.50 – 16	35
7.50 – 16	40
265/70 R 16 MPT	45
285/80 R 16 MPT	60
320/65 R 16	65
15.0/55 – 17	77
425/55 R 17 MPT	95
275/80 – 18 MPT	60
320/80 – 18	95
325/70 R 18 MPT	82
365/70 R 18 MPT	105
275/80 – 20	75
335/80 – 20 MPT	105
360/80 – 20	135
365/80 – 20 MPT	135
400/70 – 20	150
275/80 R 20 MPT	65
280/85 R 20	65
335/80 R 20 MPT	105
375/70 R 20 MPT	120
405/70 R 20 MPT	140
420/65 R 20	145
425/75 R 20 MPT	150
445/65 R 22.5 MPT	170
9.5 – 24	65
11.2 – 24	75
12.4 – 24	110
13.6 – 24	120
14.9/80 – 24	150
280/85 R 24	85
320/70 R 24	100
320/85 R 24	115
340/85 R 24	140
360/70 R 24	125
380/70 R 24	145
380/85 R 24	185
405/70 R 24 MPT	155
420/70 R 24	200
420/85 R 24	240
440/65 R 24	185
445/70 R 24 MPT	205
480/65 R 24	210
480/70 R 24	225
495/70 R 24 MPT	240

Quantity when approx. 75 % full	
Tyre size Cross-ply and radial	Litres (kg)
500/70 R 24 IMP	245
500/85 R 24 IMP	310
8.3 – 28	55
11.2 – 28	90
12.4 – 28	125
280/85 R 28	100
320/85 R 28	130
340/85 R 28	160
380/70 R 28	165
380/85 R 28	205
420/70 R 28	200
420/85 R 28	250
440/65 R 28	200
480/65 R 28	250
480/70 R 28	260
540/65 R 28	315
600/65 R 28	400
600/70 R 28	490
9.5 – 30	70
16.9 – 30	240
380/85 R 30	220
420/70 R 30	225
420/85 R 30	270
460/85 R 30	340
480/70 R 30	275
495/70 R 30 MPT	280
500/85 R 30 IMP	390
540/65 R 30	330
600/65 R 30	430
600/70 R 30	490
620/70 R 30 IMP	495
710/55 R 30	520
710/60 R 30	550
750/55 R 30	500
8.3 – 32	60
9.5 – 32	80
12.4 – 32	140
650/75 R 32	700
680/85 R 32	950
800/65 R 32	900
800/70 R 32	1000
900/60 R 32	1030
900/70 R 32	1200
1050/50 R 32	1280
16.9 – 34	265
380/85 R 34	240

Quantity when approx. 75 % full	
Tyre size Cross-ply and radial	Litres (kg)
420/85 R 34	290
460/85 R 34	380
480/70 R 34	310
500/85 R 34 IMP	445
520/70 R 34	355
540/65 R 34	360
600/65 R 34	465
650/65 R 34	600
9.5 – 36	95
12.4 – 36	160
13.6 R 36	180
340/85 R 38	215
380/80 R 38	240
420/85 R 38	320
460/85 R 38	420
480/70 R 38	340
520/70 R 38	395
520/85 R 38	530
540/65 R 38	420
580/70 R 38	550
600/65 R 38	500
650/65 R 38	630
650/75 R 38	750
650/85 R 38	900
710/70 R 38	800
800/70 R 38	1100
900/60 R 38	1200
9.5 – 42	110
480/80 R 42	460
520/85 R 42	580
650/65 R 42	650
650/75 R 42	740
680/80 R 42	1020
710/70 R 42	880
710/75 R 42	950
380/90 R 46	330
480/80 R 46	500
520/85 R 46	620
380/90 R 50	360
480/80 R 50	550

Conversion table

Standard	Standard tyres	Wide base tyres	Super Volume Tyres / Wide base tyres	Cultivation tyres		Standard
				Radial	Cross-ply	
Inch	same rim		change of rim			Inch
6.00-16	6.00-16 AS-Farmer		230/70-16 AS-Farmer			6.00-16
6.5-16	6.50-16 AS-Farmer		265/70 R 16 MPT AC70G			6.5-16
7.50-16	7.50-16 AS-Farmer		270/75-16 AS-Farmer 320/65 R 16 AC65			7.50-16
10.5-18	275/80-18 MPT AS-Farmer	325/70 R 18 AC70G				10.5-18
7.50-20			325/70 R 18 AC70G			7.50-20
10.5-20 10.5 R 20	275/80-20 MPT AS-Farmer 275/80 R 20 MPT AC70G		365/70 R 18 AC70G			10.5-20 10.5 R 20
11.2 R 20	280/85 R 20 AC85		365/70 R 18 MPT AC70G		8.3-24 AS-Farmer	11.2 R 20
12.5-20 12.5 R 20	335/80-20 MPT AS-Farmer 335/80 R 20 MPT AC70G	375/70 R 20 MPT AC70G 405/70 R 20 MPT AC70G 420/65 R 20 AC65			9.5-24 AS-Farmer	12.5-20 12.5 R 20
9.5-24	9.5-24 AS-Farmer		335/80 R 20 MPT AC70G 375/70 R 20 MPT AC70G 405/70 R 20 MPT AC70G 420/65 R 20 AC65			9.5-24
11.2 R 24	280/85 R 24 AC85	320/70 R 24 HC70	365/80-20 AS-Farmer			11.2 R 24
12.4 R 24	320/85 R 24 AC85	360/70 R 24 HC70 405/70 R 24 AC70G	425/75 R 20 MPT AC70G			12.4 R 24
13.6 R 24	340/85 R 24 AC85	380/70 R 24 AC70G 380/70 R 24 HC70 440/65 R 24 AC65		280/85 R 28 AC85	8.3-32 AS-Farmer	13.6 R 24
14.9 R 24	380/85 R 24 AC85	420/70 R 24 AC70G 420/70 R 24 HC70 480/65 R 24 AC65			9.5 32 Farmer AC 12.4-28 AS-Farmer	14.9 R 24
16.9 R 24	420/85 R 24 AC85	480/70 R 24 AC70G 480/70 R 24 HC70 540/65 R 24 AC65			8.3-36 AS-Farmer	16.9 R 24
11.2 R 28	280/85 R 28 AC85		380/70 R 24 AC70G 380/70 R 24 HC70 420/65 R 20 AC65		8.3-32 AS-Farmer	11.2 R 28
12.4 R 28	320/85 R 28 AC85		420/70 R 24 AC70G 420/70 R 24 HC70		9.5-32 Farmer AC	12.4 R 28
13.6 R 28	340/85 R 28 AC85	380/70 R 28 HC70 440/65 R 28 AC65	480/70 R 24 AC70G 480/70 R 24 HC70 540/65 R 24 AC65		8.3-36 AS-Farmer	13.6 R 28
14.9 R 28	380/85 R 28 AC85	420/70 R 28 AC70G 420/70 R 28 HC70 480/65 R 28 AC65			9.5-36 AS-Farmer 12.4-32 AS-Farmer	14.9 R 28
16.9 R 28	420/85 R 28 AC85	480/70 R 28 HC70 540/65 R 28 AC65/SVT				16.9 R 28
14.9 R 30	380/85 R 30 AC85	420/70 R 30 HC70	420/85 R 28 AC85 480/70 R 28 HC70 540/65 R 28 AC65/SVT			14.9 R 30

Conversion table (continuation)

Standard	Standard tyres	Wide base tyres	Super Volume Tyres / Wide base tyres	Cultivation tyres		Standard
				Radial	Cross-ply	
Inch	same rim		change of rim			Inch
16.9 R 30	420/85 R 30 AC85	480/70 R 30 AC70G 480/70 R 30 HC70 540/65 R 30 AC65/SVT	600/65 R 28 AC65/SVT		12.4-36 AS-Farmer	16.9 R 30
18.4 R 30	460/85 R 30 AC85	600/65 R 30 AC65 710/55 R 30 SVT	600/70 R 28 SVT	340/85 R 38 AC85	12.4-38 AS-Farmer	18.4 R 30
14.9 R 34	380/85 R 34 AC85		460/85 R 30 AC85 600/65 R 30 AC65 710/55 R 30 SVT		9.5-42 AS-Farmer	14.9 R 34
16.9 R 34	420/85 R 34 AC85	480/70 R 34 AC70G 480/70 R 34 HC70 540/65 R 34 AC65	600/70 R 30 SVT 710/60 R 30 SVT 750/55 R 30 SVT	380/80 R 38 AC85		16.9 R 34
18.4 R 34	460/85 R 34 AC85	520/70 R 34 AC70G 520/70 R 34 HC70 600/65 R 34 AC65				18.4 R 34
13.6 R 38	340/85 R 38 AC85		460/85 R 30 AC85			13.6 R 38
16.9 R 38	420/85 R 38 AC85	480/70 R 38 HC70 540/65 R 38 AC65				16.9 R 38
18.4 R 38	460/85 R 38 AC85	520/70 R 38 AC70G 520/70 R 38 HC70 600/65 R 38 AC65	650/75 R 32 AC70H/G 650/65 R 34 SVT			18.4 R 38
20.8 R 38	520/85 R 38 AC85	580/70 R 38 HC70 650/65 R 38 AC65/SVT	800/65 R 32 AC70H/N 800/70 R 32 SVT 1050/50 R 32 SVT	380/90 R 46 AC85		20.8 R 38
18.4 R 42	480/80 R 42 AC85		520/85 R 38 AC85 580/70 R 38 HC70 650/65 R 38 AC65/SVT 800/70 R 32 SVT	380/90 R 46 AC85		18.4 R 42
20.8 R 42	520/85 R 42 AC85	650/65 R 42 AC65	650/75 R 38 SVT 710/70 R 38 AC65/SVT 900/60 R 32 SVT	480/80 R 46 AC85 380/90 R 50 AC85		20.8 R 42
18.4 R 46	480/80 R 46 AC85		520/85 R 42 AC85 650/65 R 42 AC65 680/85 R 32 AC70G	380/90 R 50 AC85		18.4 R 46
20.8 R 46	520/85 R 46 AC85		650/85 R 38 SVT 650/75 R 42 SVT 710/70 R 42 SVT 800/70 R 38 SVT 900/70 R 32 SVT 900/60 R 38 SVT	480/80 R 50 AC85		20.8 R 46

Important:
The indicated conversion possibilities are only for selection of tyre sizes with comparable outer diameter. In case of changing tyres a calculation of the wheel factor and the determination of the advance with the actual tire dimensions are in principle necessary. Please consider also the permissible rim sizes in accordance with our technical databook.

Sales organisations Europe

D **DK**

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

NL **B** **LUX**

Mitas Tyres B. V.
Jagersveld 24
NL-5405 BW Uden
Phone +31 413 225 220
Fax +31 413 225 226
sales-benelux@mitas-tyres.com

A

Mitas GmbH
Gregor-Mendel-Strasse 8-12
A-2514 Traiskirchen
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
Phone +41 41 210 82 00
Fax +41 41 210 82 01
info-ch@mitas-tyres.com

CZ

MITAS a.s.
Svehlova 1900/3
CZ-106 00 Praha 10
Phone +420 267 111 595
obchod@mitas-tyres.com

E **P**

Mitas Tyres S.L.U.
Avda. de Somosierra, 12B 2° A
E-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
F-21000 Dijon
Phone +33 3 80 28 06 95
Fax +33 3 80 28 06 99
info.france@mitas-tyres.com

FIN **N** **S**

MITAS a.s.
Sellukatu 5 D 23
FIN-33400 Tampere
Phone +358 3 345 0490
Fax +358 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
GB-Norfolk PE30 2DD
Phone +44 0 1553 817740
Fax +44 0 1553 816531
sales@mitas-tyres.com

I

Mitas S.r.l.
Via Vicolo del Caldo 20
210 47 Saronno (VA)
P.Iva 02835660123
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
Phone +7 499 9787631
Fax +7 499 9787631
info-ru@mitas-tyres.com

Sales organisations worldwide

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

Central and South America

MITAS a.s.
Contact person:
Jiri Kotrc
Svehlova 1900/3
CZ-106 00 Praha 10
Phone +420 267 111 540
Fax +420 271 750 214
jiri.kotrc@mitas-tyres.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

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

MITAS a.s.
Contact person:
Josef Hrdina
Svehlova 1900/3
CZ-106 00 Praha 10
Phone +420 267 111 535
Fax +420 271 750 214
josef.hrdina@mitas-tyres.com

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

MITAS a.s.
Contact person:
Otakar Korbel
Svehlova 1900/3
CZ-106 00 Praha 10
Phone +420 267 111 550
Fax +420 271 750 214
otakar.korbel@mitas-tyres.com

Baltic States, Balkan States, Hungary, Greece, Slovenia

MITAS a.s.
Contact person:
Vladimir Bartl
Svehlova 1900/3
CZ-106 00 Praha 10
Phone +420 267 111 225
Fax +420 271 750 214
vladimir.bartl@mitas-tyres.com

www.mitas-tyres.com

Distributor / customer service
Further information: www.mitas-tyres.com

Produced and Engineered by

Mitas