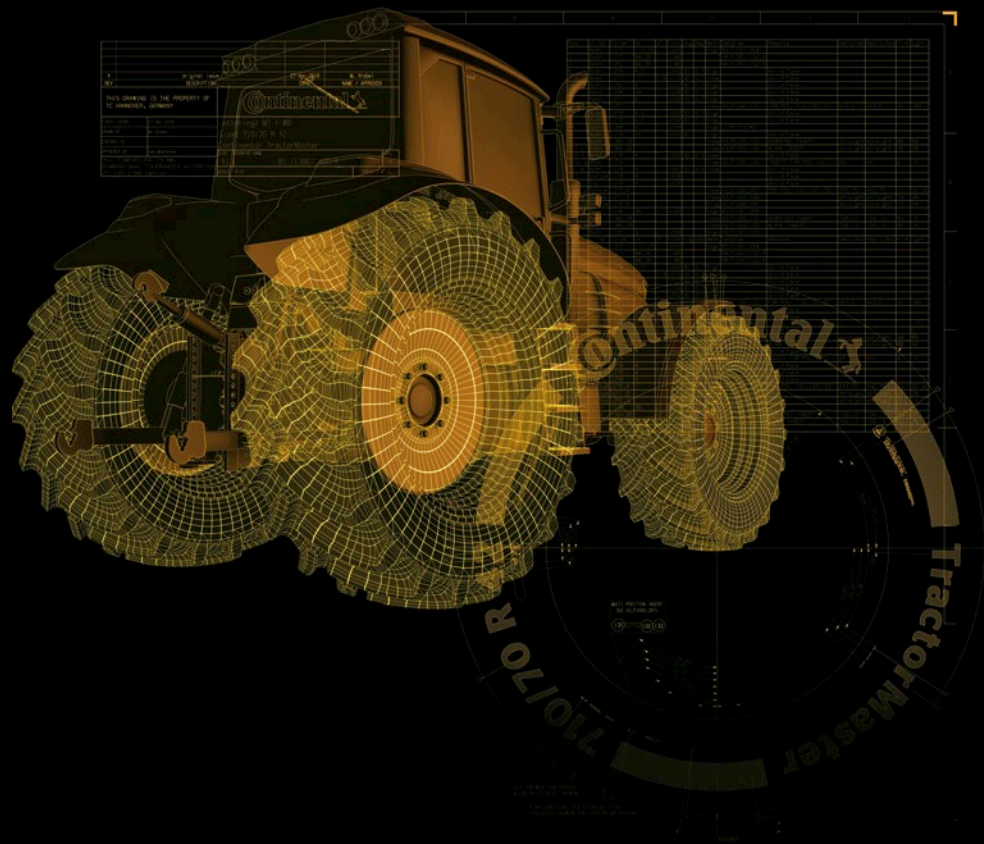


Continental



The Future in Motion



Agricultural Tires

Technical Data Book

Preface

This data book contains comprehensive information on our tire range. We recommend checking the inflation pressure of every tire and adjusting it regularly. Lower inflation pressure, greater loads or higher speeds than those recommended by the vehicle or tire manufacturer shorten the service life of the tire. These instructions must be followed if vehicle safety – and that of the safety of those fitting the tires – is to be guaranteed. For further information, please see our safety instructions.

Continental's agricultural tires conform to internationally accepted standards that are established by ETRTO (European tire and Rim Technical Organisation), TRA (Tire and Rim Association), JATMA (Japan Automobile tire Manufacturers Association) and/or ISO (International Standards Organisation). The standards include load capacity, inflation pressure, overall diameter, overall width, and related valves and rims, etc. In case of differences between these standards, Continental refers to the most appropriate one.

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Introduction

Agricultural tires from Continental - products that stem from innovation, expertise and tradition: In 1928, Continental launched the very first pneumatic tractor tire in Europe. Almost 90 years later, the technology company reentered the business after an absence of 13 years. In 2017, a brand-new portfolio of agricultural tires and a new production site in Lousado, Portugal mark a new decade of agricultural tire technology at Continental.

The products

Starting off the product offensive in 2017, we have continuously expanded our tire portfolio: The firstborns Tractor70 and Tractor85 were soon complemented by the advanced TractorMaster and CombineMaster tires. What they all have in common - a high level of technologies: The patented N.flex carcass and the single wire bead technology make the tires most robust and flexible while D.fine lug technology ensure traction and mileage. This is why all tires bear the label "Engineered for Efficiency": It combines Continental's commitment to improving the performance of the vehicle and the quality of its work while at the same time reducing the resources needed - in line with the specific requirements of the various agricultural machines, customers and applications in question.

The production site

The state-of-the-art production facility in Lousado was set up in less than two years. It is equipped with state-of-the-art production technologies that enable precise tire production. Innovative winding machines ensure that materials are distributed evenly to create a tire that is as round as possible. They also exploit bead technology that has been developed especially for the agricultural tires to ensure robustness and optimize mounting and the rim fit of the tire. ASIC technology is used to ensure consistently low temperature distribution both inside and outside the tire during curing, which has a positive effect on both the efficiency of the plant and the rolling resistance of the tire. In addition, the production facility has been built according to ergonomic guidelines, whereby automated guided vehicles (AGVs) and lifting devices are used to transport the agricultural tires.

In addition, a test center has been built adjacent to the production hall, where the local R&D team, in close cooperation with the core team in Hanover, test the quality of the tires being produced and work on optimizing and further developing the agricultural products.

The databook

This technical data book is designed to provide the most important information, technical references and recommendations needed to help achieve the maximum service life of Continental tires for both end users and manufacturers. Or in other words: to get the best out of your tire! Whether driver, fleet manager, maintenance team or operator: If the instructions and recommendations are followed correctly, nearly every person in contact with our products can do something to significantly improve the performance while at the same time reducing overall operational costs and protecting the environment.

Tire Usage Matrix

Application/Soil Condition	Tractor85	Tractor70	TractorMaster	VF TractorMaster	VF TractorMaster Hybrid
General mixed Livestock Farming, including Front Loader Work, Road Transport and Field Work	++++	+++++	++++	+++	+++++
Gras Land Work	+++	++++	+++++	++++	+++++
Seeding	++	+++	+++++	+++++	+++++
PTO Field Work	+++	++++	+++++	+++++	+++++
Light Tillage	++++	++++	+++++	+++++	+++++
Heavy Tillage >10km/h Sandy Soils	+++	++++	+++++	+++++	+++++
Heavy Tillage >10km/h wet or sticky Soil Types	+++	++++	+++++	+++++	++
Plowing Sandy Soil Types	++++	++++	+++++	+++++	++++
Plowing Mixed Soil Types	++++	+++++	+++++	+++++	++
Plowing Heavy Soil Types	+++++	++++	+++++	+++++	+
Road Transport Concrete/Asphalt/Gravel with low Field Cycle Usage	+++	+++	++++	++++	+++++
Road Transport Concrete/Asphalt/Gravel with higher Field Cycle Usage, light and dry Soil Types	+++	+++	+++++	+++++	+++++
Road Transport Concrete/Asphalt/Gravel with higher Field Cycle Usage, up to wet mixed Soil Types	++	++	+++++	+++++	++++
Road Transport Concrete/Asphalt/Gravel mixed with high Field percentage on heavy sticky Soil	++	+++	++++	+++++	+++
Municipal Work	++	+++	+++	++	+++++

Size Overview

Tractor85

Size
280/85 R 24
320/85 R 24
340/85 R 24
380/85 R 24
420/85 R 24
280/85 R 28
320/85 R 28
340/85 R 28
380/85 R 28
420/85 R 28
380/85 R 30
420/85 R 30
460/85 R 30
380/85 R 34
420/85 R 34
460/85 R 34
340/85 R 38
420/85 R 38
460/85 R 38
520/85 R 38
480/80 R 42
520/85 R 42
480/80 R 46
520/85 R 46

Tractor70

Size
320/70 R 24
360/70 R 24
380/70 R 24
420/70 R 24
480/70 R 24
360/70 R 28
380/70 R 28
420/70 R 28
480/70 R 28
420/70 R 30
480/70 R 30
480/70 R 34
520/70 R 34
480/70 R 38
520/70 R 38
580/70 R 38

TractorMaster

Size
440/65 R 24
480/65 R 24
540/65 R 24
440/65 R 28
480/65 R 28
540/65 R 28
600/65 R 28
600/70 R 28
540/65 R 30
600/70 R 30
710/60 R 30
540/65 R 34
600/65 R 34
650/65 R 34
540/65 R 38
600/65 R 38
650/65 R 38
650/75 R 38
650/85 R 38
710/70 R 38
800/70 R 38
900/60 R 38
650/65 R 42
710/70 R 42
710/75 R 42

VF TractorMaster

Size
VF 600/60 R 30 NRO
VF 600/70 R 30 NRO
VF 710/60 R 42 NRO
VF 710/70 R 42

VF TractorMaster Hybrid

Size
VF 600/70 R 30 NRO
VF 710/70 R 42

CombineMaster

Size
VF 500/85 R 24 CFO
VF 620/70 R 26 CFO
VF 750/65 R 26 CFO
VF 600/65 R 28 CFO
VF 500/85 R 30 CFO
650/75 R 32 CHO
680/85 R 32 CHO
800/65 R 32
800/70 R 32 CHO
900/60 R 32 CHO
900/60 R 38 CHO

CompactMaster AG

Size
460/70 R 24 IND

MPT81

Size
315/55 R 16 MPT
275/80 R 20 MPT
335/80 R 20 MPT
365/80 R 20 MPT

MPT80

Size
10.5 R 20 MPT
12.5 R 20 MPT
14.5 R 20 MPT

70E

Size
325/70 R 18 MPT
365/70 R 18
335/80 R 20
365/80 R 20
405/70 R 20


Conversion Table

SRI	Rim	inch size	85%	80%	75%	70%	65%	60%	55%
525	20	14.9L R 20			380/75 R 20	380/70 R 20	440/65 R 20		
	24	11.2 R 24	280/85 R 24			320/70 R 24			
550	24	12.4 R 24	320/85 R 24			360/70 R 24	420/65 R 24		
	28	9.5 R 28	240/85 R 28 250/85 R 28				340/65 R 28		
575	24	13.6 R 24	340/85 R 24		380/75 R 24	380/70 R 24 400/70 R 24	440/65 R 24		
	28	11.2 R 28	280/85 R 28			320/70 R 28			
600	24	14.9 R 24	380/85 R 24			420/70 R 24 460/70 R 24	480/65 R 24 500/65 R 24		
	26	13.6 R 26							
	28	12.4 R 28	320/85 R 28			360/70 R 28	420/65 R 28		
625	24	16.9 R 24	420/85 R 24		480/75 R 24	480/70 R 24 500/70 R 24	540/65 R 24		
	26	14.9 R 26							
	28	13.6 R 28	340/85 R 28			380/70 R 28	440/65 R 28	480/60 R 28	
650	24	18.4 R 24							
	26	16.9 R 26	420/85 R 26			480/70 R 26	540/65 R 26		
	28	14.9 R 28	380/85 R 28		420/75 R 28	420/70 R 28	480/65 R 28 500/65 R 28	520/60 R 28	
675	26	18.4 R 26	460/85 R 26	480/80 R 26		520/70 R 26			
	28	16.9 R 28	420/85 R 28		480/75 R 28	480/70 R 28 500/70 R 28	540/65 R 28	600/60 R 28	
	30	14.9 R 30	380/85 R 30			420/70 R 30			
700	24	-	500/85 R 24						
	26	-		520/80 R 26		580/70 R 26			750/55 R 26
	28	18.4 R 28					600/65 R 28		
	30	16.9 R 30	420/85 R 30			480/70 R 30	540/65 R 30	600/60 R 30	
725	26	-					620/70 R 26		
	28	-		500/80 R 28	540/75 R 28	600/70 R 28			
	30	18.4 R 30	460/85 R 30			520/70 R 30 540/70 R 30	600/65 R 30		710/55 R 30
	34	14.9 R 34	380/85 R 34						
	38	12.4 R 38	320/85 R 38						
750	28	-				620/70 R 28			
	30	21L R 30				600/70 R 30			750/55 R 30
	32	-					600/65 R 32		
	34	16.9 R 34	420/85 R 34		480/75 R 34	480/70 R 34 500/70 R 34	540/65 R 34	600/60 R 34	
	38	13.6 R 38	340/85 R 38	380/80 R 38	400/75 R 38				

Conversion Table

SRI	Rim	Inch size	85%	80%	75%	70%	65%	60%	55%
775	26	-					750/65 R 26		
	30	-	500/85 R 30			620/70 R 30		710/60 R 30	
			520/85 R 30						
	34	18.4 R 34	460/85 R 34		520/75 R 34	520/70 R 34 540/70 R 34	600/65 R 34	650/60 R 34	710/55 R 34
38	14.9 R 38	380/85 R 38							
800	30	23.1 R 30			620/75 R 30	650/70 R 30	710/65 R 30		
	34	-			540/75 R 34	600/70 R 34			
	38	16.9 R 38	420/85 R 38			480/70 R 38	540/65 R 38	600/60 R 38	
825	32	24.5 R 32				680/70 R 32			
	34	20.8 R 34	500/85R 34				650/65 R 34	710/60 R 34	
	38	18.4 R 38	460/85 R 38	480/80 R 38	520/75 R 38	520/70 R 38	600/65 R 38	650/60 R 38	
875	32	24.5 R 32 30.5L R 32			650/75 R 32		800/65 R 32	800/60 R 32 850/60 R 32	900/55 R 32
					680/75 R 32				
					710/75 R 32				
	34	23.1 R 34		580/80 R 34	650/75 R 34 620/75 R 34	680/70 R 34 710/70 R 34	750/65 R 34		
	38	20.8 R 38	520/85 R 38		580/75 R 38	600/70 R 38 620/70 R 38	650/65 R 38	710/60 R 38	
42	18.4 R 42	460/85 R 42	480/80 R 42			600/65 R 42			
925	32	-	680/85 R 32			800/70 R 32	900/65 R 32	900/60 R 32	1000/55 R 32
	34	-			710/75 R 34				
	38	-			650/75 R 38	710/70 R 38	710/65 R 38 750/65 R 38		
	42	20.8 R 42	520/85 R 42			580/70 R 42 620/70 R 42	650/65 R 42	710/60 R 42	
	46	-		420/80 R 46 480/80 R 46	520/75 R 46				
975	38	-	650/85 R 38		680/75 R 38 710/75 R 38	800/70 R 38		850/60 R 38 900/60 R 38	
	42	-	580/85 R 42		650/75 R 42	710/70 R 42		750/60 R 42	850/55 R 42
	46	18.4 R 46	520/85 R 46		580/75 R 46	620/70 R 46	650/65 R 46		800/55 R 46
1025	38	-	710/85 R 38						
	42	-	650/85 R 42	680/80 R 42	710/75 R 42	800/70 R 42	800/65 R 42	900/60 R 42	
1125	46	-			750/75 R 46		900/65 R 46		

This table is based on the SRI (Speed Radius Index).The SRI is, by convention, a parameter of the theoretical speed of vehicles for a potential change in tire size. The SRI is not equivalent to the rolling circumference and cannot be used as, or converted into, an actual measurable value of rolling circumference. When changing tire size, it is necessary to check the compatibility of rim parameters and measurements, technical parameters and the regulations provided by the vehicle manufacturers.



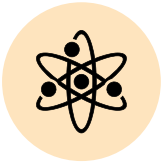
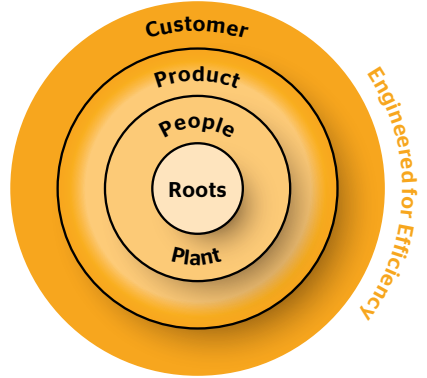
**Bringing home the
harvest together.**

With tires you can trust.

Engineered for Efficiency - The Agricultural Tire Seal

As a premium tire and solution provider with a long heritage, Engineered for Efficiency describes the core of our agricultural tires: Depending on the specific needs of the various vehicles, customers and applications, our tires enhance the performance of the vehicle and improve the quality of its work while reducing the resources deployed.

Our tires are manufactured with state-of-the-art technology in our most modern production site in Lousado and were developed based upon in-depth research as well as the long-term expertise and inventiveness of our engineers.



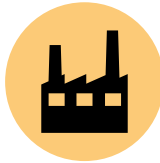
Company Roots

- › More than 140 years of experience
- › Full portfolio of products and solutions from a single source
- › Automotive background
- › Premium brand approach



Expertise of people

- › Top-notch engineers
- › Innovative- and inventiveness
- › Close cooperation with customers



Technology of production site

- › State-of-the-art tire building machines
- › Automated processes
- › Transport done by AGVs
- › Manual work follows ergonomic guidelines
- › Premium test center



Key features of products

- › Bead technology
- › N.flex technology
- › d.fine technology



Benefits for customers

- › Increase performance of vehicle and quality of its work
- › Reduce of resources

N.flex Carcass Technology

Unique N.flex carcass technology

The carcass' patented material is flexible enough to absorb impact and then return to its original shape without permanent deformation. This ensures long-term robustness and rounder tires for a comfortable ride. A vast reduction in flat spots means an end to bumpy drives in the morning.

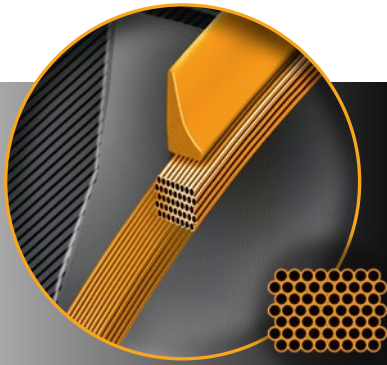
- › High impact resistance due to high elongation of nylon
- › High robustness: carcass structure absorbs impact energy without breaking

N.flex
TECHNOLOGY



Bead Technology

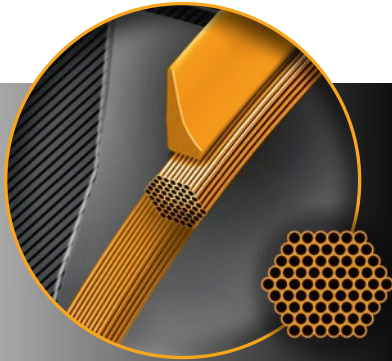
The bead is essential to a tire, because it's what keeps it on the rim. Made of a single piece of wire, our beads are sturdy, compact, and keep their shape.



Rectangular bead core

The rectangular bead core design is optimized for the high torques of tractor tires and the rear axle tires during all-wheel-drive of combine harvesters.

- › The optimized contours of the apex enable a high degree of sidewall deflection.



Hexa bead core

The hexa bead core has been especially designed for the front tires of combine harvesters.

- › The carcass material wraps around the core better for better power transmission. Higher core strength and a compact construction.

d.fine Pattern Technology

The lugs - specifically developed to stand their ground

Our new lugs refuse to give way: they firmly grip the ground beneath the tire to keep driving the tractor forward without slipping. The large surface area and further special touches provide high performance and extremely robust tires adapted to each specific application.

Deep lug overlap

Benefits on the road:

- › Comfortable drive, less vibration

Smooth linkage between block and base

Benefits:

- › Stress resistant, damage resistant
- › Optimum self-cleaning
- › Traction

5% more lug surface compared to standard tires

Benefits in the field:

- › High traction

Benefits on the road:

- › Better mileage

Sturdy blocks

Benefits in the field:

- › Stability

d.fine
TECHNOLOGY



Single Vehicle Monitoring

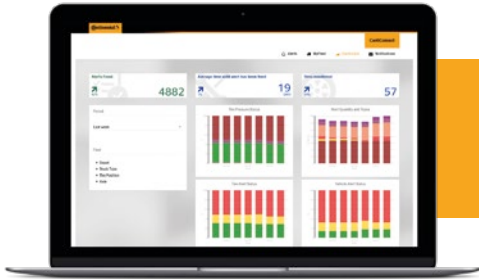


- › Provides drivers with precise status information by continually monitoring air pressure and temperature via tire sensor
- › Data displayed in drivers cab
- › Alerts before a condition becomes crucial
- › Driver-focused system
- › Can be integrated into third party telematics solutions

Application

- › Suitable for single vehicles in various vehicles and applications

Multiple Vehicle Monitoring



- › System overviews fleet and delivers in-time maintenance data
- › Alerts before a condition becomes crucial

ContiConnect™ light

- › Entry-level solution for drives
- › Displays tire pressure and temperature via hand-held-tool
- › Allows for later upload of manual data into ContiConnect web portal

ContiConnect™ Yard

- › Tire data received in yard with yard reader station
- › Wireless pick-up of data and transmission to ContiConnect web portal via cellular network

ContiConnect™ Live

- › Provides real time integration with the web portal
- › Compatible with multiple telematics providers/device

Application

- › Suitable for single vehicles and multiple vehicles and applications

Pneumatic Radial vs. X-ply Construction

X-ply Tires

- › Carcass consisting of defined number of layers, each layer with crossing orientation of carcass cords (= high stiffness)
- › Sidewall carcass material as stiff as tread carcass material (high rolling resistance)
- › Round cut section shape of carcass
- › (small) Elliptic foot print area
- › Sometimes additional belt as tread area protection



Radial (Belt) Tire

- › Carcass consisting of defined numbers of layers, but layers all in radial orientation (more flexible)
- › Outer carcass radius covered by stiffer belt
- › Belt consisting of defined number of layers in crossing directions
- › Cut section shape more edgy than bias type
- › More rectangular (= bigger) footprint area
- › High flexible sidewall carcass allows belt to act like a track (lower force needed to create footprint = less rolling resistance)



Sidewall Designation



Description

1	Manufacturer	Continental
2	Product name	TractorMaster
3	Prefix	VF, IF
4	Size designation	710/70 R 42 (if applicable prefix and suffix are part of the size designation)
5	Suffix	CHO, CFO, MPT, IND, NRO
6	Load Index and Speed Symbol	173D (176 A8)
7	Construction	Radial construction
8	Tube type Information	Tubetype, tubeless
9	Tread code	R-1, R-1W
10	Engineered for Efficiency	Technology claim
11	Safety warning	
12	Seating pressure	Defines the maximum pressure for proper seating after fitment
13	Manufacturing location	Made in Portugal
14	Compatible imperial size designation	Only 85 ratio tires

Load Index and Speed Symbol

The maximum load which can be carried by a tire is indicated by the Load Index (LI). This tire LI is always related to a specific reference speed which is indicated by the Speed Symbol. Beside the reference speed other application conditions can be specified by the tire manufacturer (for example "cyclic service" which is described in more detail at a later stage). It is important to understand that, for example, changing service conditions and/or different vehicle speeds may impact the load carrying capacity of the tire.

LI	[kg]	[lbs]*
1	46,2	102
2	47,5	105
3	48,7	107
4	50,0	110
5	51,5	114
6	53,0	117
7	54,5	120
8	56,0	123
9	58,0	128
10	60,0	132
11	61,5	136
12	63,0	139
13	65,0	143
14	67,0	148
15	69,0	152
16	71,0	157
17	73,0	161
18	75,0	165
19	77,5	171
20	80,0	176
21	82,5	182
22	85,0	187
23	87,5	193
24	90,0	198
25	92,5	204
26	95,0	209
27	97,0	214
28	100	220
29	103	227
30	106	234
31	109	240
32	112	247
33	115	254
34	118	260
35	121	267
36	125	276
37	128	282
38	132	291
39	136	300
40	140	309
41	145	320
42	150	331
43	155	342
44	160	353
45	165	364

LI	[kg]	[lbs]*
46	170	375
47	175	386
48	180	397
49	185	408
50	190	419
51	195	430
52	200	441
53	206	454
54	212	467
55	218	481
56	224	494
57	230	507
58	236	520
59	243	536
60	250	551
61	257	567
62	265	584
63	272	600
64	280	617
65	290	639
66	300	661
67	307	677
68	315	694
69	325	717
70	335	739
71	345	761
72	355	783
73	365	805
74	375	827
75	387	853
76	400	882
77	412	908
78	425	937
79	437	963
80	450	992
81	462	1019
82	475	1047
83	487	1074
84	500	1102
85	515	1135
86	530	1168
87	545	1202
88	560	1235
89	580	1279
90	600	1323

LI	[kg]	[lbs]*
91	615	1356
92	630	1389
93	650	1433
94	670	1477
95	690	1521
96	710	1565
97	730	1609
98	750	1653
99	775	1709
100	800	1764
101	825	1819
102	850	1874
103	875	1929
104	900	1984
105	925	2039
106	950	2094
107	975	2150
108	1000	2205
109	1030	2271
110	1060	2337
111	1090	2403
112	1120	2469
113	1150	2535
114	1180	2601
115	1215	2679
116	1250	2756
117	1285	2833
118	1320	2910
119	1360	2998
120	1400	3086
121	1450	3197
122	1500	3307
123	1550	3417
124	1600	3527
125	1650	3638
126	1700	3748
127	1750	3858
128	1800	3968
129	1850	4079
130	1900	4189
131	1950	4299
132	2000	4410
133	2060	4542
134	2120	4674
135	2180	4806

LI	[kg]	[lbs]*
136	2240	4938
137	2300	5071
138	2360	5203
139	2430	5357
140	2500	5512
141	2575	5677
142	2650	5842
143	2725	6008
144	2800	6173
145	2900	6393
146	3000	6614
147	3075	6779
148	3150	6945
149	3250	7165
150	3350	7385
151	3450	7606
152	3550	7826
153	3650	8047
154	3750	8267
155	3875	8543
156	4000	8818
157	4125	9094
158	4250	9370
159	4375	9645
160	4500	9921
161	4625	10196
162	4750	10472
163	4875	10748
164	5000	11023
165	5150	11354
166	5300	11684
167	5450	12015
168	5600	12346
169	5800	12787
173	6000	13228
171	6150	13558
172	6300	13889
173	6500	14330
174	6700	14771
175	6900	15212
176	7100	15653
177	7300	16094
178	7500	16535
179	7750	17086
180	8000	17637

Load Index and Speed Symbol

LI	[kg]	[lbs]*
181	8250	18188
182	8500	18739
183	8750	19290
184	9000	19842
185	9250	20393
186	9500	20944
187	9750	21495
188	10000	22046
189	10300	22708
190	10600	23369
191	10900	24030
192	11200	24692
193	11500	25353
194	11800	26015
195	12150	26786
196	12500	27558
197	12850	28329
198	13200	29101

LI	[kg]	[lbs]*
199	13600	29983
200	14000	30865
201	14500	31967
202	15000	33069
203	15500	34172
204	16000	35274
205	16500	36376
206	17000	37479
207	17500	38581
208	18000	39683
209	18500	40785
210	19000	41888
211	19500	42990
212	20000	44092
213	20600	45415
214	21200	46738
215	21800	48061
216	22400	49383

LI	[kg]	[lbs]*
217	23000	50706
218	23600	52029
219	24300	53572
220	25000	55116
221	25750	56769
222	26500	58422
223	27250	60076
224	28000	61729
225	29000	63934
226	30000	66139
227	30750	67792
228	31500	69446
229	32500	71650
230	33500	73855
231	34500	76059
232	35500	78264
233	36500	80469
234	37500	82673

LI	[kg]	[lbs]*
235	38750	85429
236	40000	88185
237	41250	90941
238	42500	93696
239	43750	96452
240	45000	99208
241	46250	101964
242	47500	104719
243	48750	107475
244	50000	110231
245	51500	113538
246	53000	116845
247	54500	120152
248	56000	123459
249	58000	127868
250	60000	132277
251	61500	135584
252	63000	138891

Speed Symbol	A 1	A 2	A 3	A 4	A 5	A 6	A 7	A 8	B	C	D
Speed (km/h)	5	10	15	20	25	30	35	40	50	60	65
Speed (mph)	3	6	9	12	16	19	22	25	31	37	40

Speed Symbol	E	F	G	J	K	L	M	N	P	Q	R
Speed (km/h)	70	80	90	100	110	120	130	140	150	160	170
Speed (mph)	43	50	56	62	68	75	81	87	93	99	106

Speed Symbol	S	T	U	H	V	VR	W	ZR	Y
Speed (km/h)	180	190	200	210	240	>210	270	>240	300
Speed (mph)	112	118	124	130	149	>130	168	>149	186

Identification Markings: IF, VF, CHO, CFO, MPT, IND, NRO

IF

Improved Flexion structure

makes it possible to operate the tire with 20% more load at the same inflation pressure/speed compared to standard tire at max. speed. When used with the same load /speed as a standard tire the IF tire may be used with lower inflation pressure.

VF

Very High Flexion structure

makes it possible to operate the tire with 40% more load at the same inflation pressure/speed compared to standard tire at max. speed. When used with the same load /speed as a standard tire the VF tire may be used with lower inflation pressure.

CHO

Cyclic Harvest Operation

tire that can operate with significant higher load, but only on the field operation with changing cyclic load conditions (for example, harvester with filling up and de loading the internal grain storage). Load, speed and pressure conditions should be defined by tire manufacturer for this kind of operation.

CFO

Cyclic Field Operation

an IF or VF tires primarily designed for Agro machines used on cyclic field operations (cyclic load change, like CHO tire).

Identification Markings: CHO, CFO, IF, VF, MPT, IND, NRO

NRO

Narrow Rim Option

is a new ETRTO experimental standard to be approved. It allows for the use of a narrower rim width than normally permitted by ETRTO for IF and VF tires.

IND

Industrial Application

a tire for traction wheels of vehicles for construction applications with load capacities and inflation pressures which differ from those of tires with the same size designation for use on Agro tractors. (due to the stronger carcass, flexibility and ability to operate with low pressures is less).

MPT

Multi Purpose Tire

a special-use tire designed for multipurpose trucks (or other vehicles) for on- and off-road and agricultural service.

IMP

Implement Tire

a tire designed primarily for interchangeable towed equipment or for Agro trailers. It may also equip either front steering wheels and drive wheels of Agro and forestry tractors, but is not suitable for sustained high torque service

Tread Codes

Code	Application and tread type	Code	Application and tread type
R - 1	Agricultural tractor drive wheel tires: Regular tread	I - 1	Agricultural Implement tires: Multi-rib tread
R - 1 W	Agricultural tractor drive wheel tires: Regular tread	I - 2	Agricultural Implement tires: Moderate traction service
R - 2	Agricultural tractor drive wheel tires: Cane and rice service (deep tread)	I - 3	Agricultural Implement tires: Traction tread
R - 3	Agricultural tractor drive wheel tires: Flotation service (Shallow tread)	I - 4	Agricultural Implement tires: Plough tail wheel service
R - 4	Drive wheel tires: Industrial service (construction application)	I - 5	Agricultural Implement tires: Steering service
		I - 6	Agricultural Implement tires: Smooth tread
F - 1	Agricultural tractor steering wheel tires: Single rib tread	G - 1	Garden tractor tires (implement tires): Traction service
F - 2	Agricultural tractor steering wheel tires: Multiple rib tread	G - 2	Garden tractor tires (implement tires): Flotation traction service
F - 3	Steering wheel tires: Industrial service (construction application)	G - 3	Garden tractor tires (implement tires): Maximum flotation service

High Torque and Low Torque

Low torque

The condition that applies when the primary torque involved is to propel the vehicle. Vehicles towing trailers are considered to be operating in a low torque mode when operating on slopes up to 11° (20%).

High and sustained torque

The condition that occurs when high continuous tractive effort is applied to the drawbar or hitch. Vehicles equipped with injectors, or any other ground engaging attachment (e.g. ploughs) or dragging objects are considered to be operating in a high torque mode. Vehicles towing trailers are also considered to be operating in a high torque mode when operating on slopes greater than 11° (20%).

Front loader

A power operated lifting mechanism mounted on the tractor chassis with a bucket or similar container located at the front of the tractor. Cyclic service with front end loader means an intermittent load on a short distance. The load on the tire must cycle between the maximum allowable and the load given by the unloaded vehicle. This maximum load must not be carried more than 1 km, involving minimum torque. Unloaded, the load on the tire must not exceed the load capacity of the tire. For transport, the vehicle must be unloaded.

Tractor Transmission Ratio and the Correct Lead

As most tractors are using tires with different rolling circumferences between front and rear axle, the four-wheel-drive system has an internal ratio. By replacing the tires it must be ensured that the tire rolling circumference values meet the requirements of the system.

We recommend reading the information in the tractor operators manual first, as the requirements for each tractor model might be individual. We also recommend checking the correct lead, if tires were replaced by the same tire size, because rolling circumferences are not always identical between different tire brands and even different tire lines of the same brand may have different values.

If you don't find the required information in the tractor handbook, you can use the general recommendation: 0-5% lead is acceptable, optimum is 1.5-3.5%. The calculation can be done with the formula on the next page.

Please ask your Continental Agro sales representative or tire dealer for help to calculate the correct lead.

Why do I need lead?

Lead means the front wheel speed is a little faster than the rear wheel speed when MFWD (= Mechanical Front Wheel Drive) is engaged. Thus, the tractor is always pulled in the driving direction.

Negative lead would mean the rear axle pushes the vehicle against the slower moving front axle; the vehicle is no longer running perfectly straight, bad driving behavior is the result. So negative lead is not acceptable.

- › Lead >5% can cause excessive tire wear or damage of transmission components.
- › Lead from 2.5-5% supports small turning radius on field end with engaged MFWD, but while braking on-road, the switch-on of the MFWD can be recognized very significantly.
- › Lead from 0-2.5% is optimum for operators with much road work, because the MFWD switch-on during brake events is less hard. But on field end, the turning radius gets bigger with engaged MFWD.

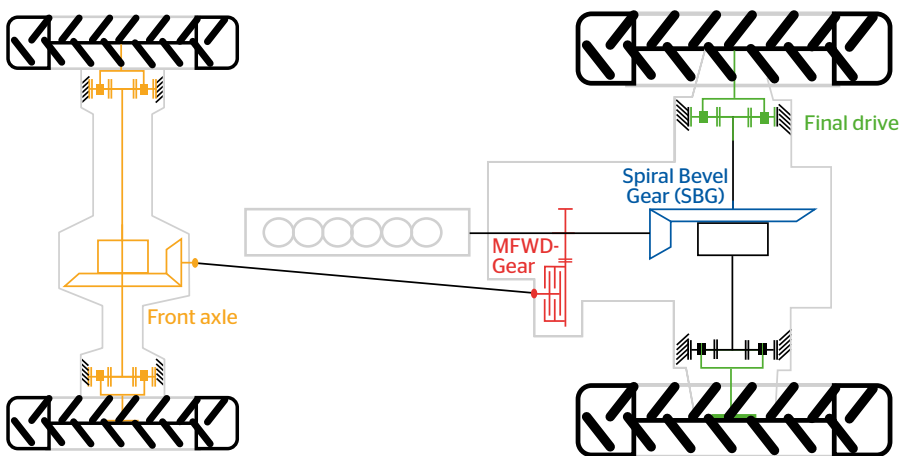
Lead Calculation

$$\text{Lead in \%} = \frac{(\text{RC Front Tire} * R) - \text{RC Rear Tire}}{\text{RC Rear Tire}} * 100$$

RC front tire = Rolling circumference of front tire (see technical data sheet of tire)

RC rear tire = Rolling circumference of rear tire (see technical data sheet of tire)

R = Ratio of transmission between front and rear axle(defined by tractor producer)



If "R" is not defined, because the tractor is available in many different ratio combinations, it can be calculated with the values shown in the picture, if this information is available in tractor handbook or on ID plates of transmission and front axle.

$$R = \frac{\text{Ratio SBG} * \text{Ratio Final Drive}}{\text{Ratio Front Axle} * \text{Ratio MFWD-Gear}} * 100$$

Explanation of Technical Data Tables

On the following pages you will find technical data tables for the Continental Agricultural tire lines. Please consider the following remarks when using the corresponding data tables.

Tractor85

Other rims ➡ For other rims contact your Continental specialist.

Intensive road use ➡ Inflation pressure to be increased by 0.4 bar.

Field application with high sustained torque ➡ Inflation pressure min. 0.8 bar and the load is limited to the values at 30 km/h.

Hillside use ➡ Inflation pressure to be increased by 0.4 bar.

Dual use ➡ The table load for the individual tire to be reduced by 12% .

Triple use ➡ The table load for the individual tire to be reduce by 18%.

0.4 bar and 0.6 bar pressure ➡ Suitable for application with low torque only.

Vehicle specific restrictions ➡ Please follow the specifications of the vehicle manufacturer.

Special operations ➡ For any special operations contact your Continental specialist.

Tractor70

Other rims ➡ For other rims contact your Continental specialist.

Intensive road use ➡ Inflation pressure to be increased by 0.4 bar.

Field application with high sustained torque ➡ Inflation pressure min. 0.8 bar and the load is limited to the values at 30 km/h.

Hillside use ➡ Inflation pressure to be increased by 0.4 bar.

Dual use ➡ The table load for the individual tire to be reduced by 12%.

Triple use ➡ The table load for the individual tire to be reduce by 18%.

0.4 bar and 0.6 bar pressure ➡ Suitable for application with low torque only.

Vehicle specific restrictions ➡ Please follow the specifications of the vehicle manufacturer.

Special operations ➡ For any special operations contact your Continental specialist.

Explanation of Technical Data Tables

TractorMaster

DW-B rims replace DW-A rims and can be used with full interchangeability.
DHB rims replace DH rims and can be used with full interchangeability.

Other rims → For other rims contact your Continental specialist.

Intensive road use → Inflation pressure to be increased by 0.4 bar.

Field application with high sustained torque → Inflation pressure min. 0.8 bar and the load is limited to the values at 30 km/h.

Hillside use → Inflation pressure to be increased by 0.4 bar.

Dual use → The table load for the individual tire to be reduced by 12%.

Triple use → The table load for the individual tire to be reduce by 18%.

0.4 bar and 0.6 bar pressure → Suitable for application with low torque only.

Vehicle specific restrictions → Please follow the specifications of the vehicle manufacturer.

Special operations → For any special operations contact your Continental specialist.

CombineMaster CHO

DW-B rims replace DW-A rims and can be used with full interchangeability.
DHB rims replace DH rims and can be used with full interchangeability.

Other rims → For other rims contact your Continental specialist.

Intensive road use → Inflation pressure to be increased by 0.4 bar.

Field application with high sustained torque → Inflation pressure min. 0.8 bar and the load is limited to the values at 30 km/h.

Hillside use → The values are valid for an inclination up to max. 11° (20%). For higher inclination ask the Continental specialist.

Dual use → The table load for the individual tire to be reduced by 12%.

Triple use → The table load for the individual tire to be reduce by 18%.

0.4 bar and 0.6 bar pressure → Suitable for application with low torque only.

Harvester operation in cyclic service → Field operation only.
The maximum load is limited to a distance of 1.5 km.

Vehicle specific restrictions → Please follow the specifications of the vehicle manufacturer.

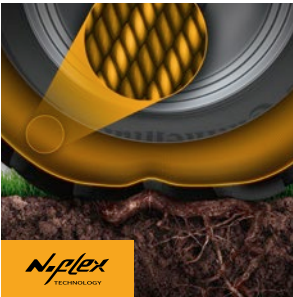
Special operations → For any special operations contact your Continental specialist.

Tractor85

The all-rounder that fits every job.



The Tractor85 is a tire for all seasons and all surfaces. It is a true all-rounder: narrow enough to fit neatly into a furrow, but wide enough to fill the role of a versatile, heavy-duty farm tire. Thanks to its special N.flex technology, the Tractor85 is durable and robust. Its nylon carcass makes the tire extremely flexible, able to absorb more impacts than other tires and less susceptible to flat spots - for a comfortable ride over fields and tarmac alike.



N.flex technology

Flexibility due to low shrinkage of nylon material leads to more comfort (better damping) compared to conventional tires



Bead technology

Longer footprint due to 0.2 bar lower pressure leads to low soil compaction and good traction



Tread design

Smooth interlug design and center line lead to good self-cleaning properties



Agriculture

Size range, specifications and tire load capacities

Tractor85							
Tire			Continental values				
Size	LI/SSY	Rims	Max Section width (mm)	Overall Diameter (mm)	Loaded Static Radius (mm)	Rolling Circumference (mm)	Speed Radius Index (SRI)
280/85 R 24	115 A8 (112B)	W10 , W10L , DW10 W9	297 287	1087	489*	3241*	525
320/85 R 24	122 A8 (119B)	W11 , DW11 , TW11 W9 W10 , W10L , DW10	338 318 328	1157	516*	3435*	550
340/85 R 24	125 A8 (122B)	W12 , DW12 W11 , DW11	364 354	1194	530*	3540*	575
380/85 R 24	131 A8 (131B)	W12 , DW12 W11 , DW11 W13 , DW13 , DW13L , TW13	399 389 409	1265	557*	3735*	600
420/85 R 24	137 A8 (137B)	W15L , DW15L , TW15L W13 , DW13 , DW13L , TW13 W14L , DW14L , TW14L	457 437 447	1320	578*	3890*	625
280/85 R 28	118 A8 (118B)	W10 , W10L , DW10 W9	293 283	1190	540*	3564*	575

*Calculated values

Italic letters = Preliminary values

For further remarks please see "Explanation of Technical Data Tables"

Tractor85

Tire Load Capacity (kg) at Tire Inflation Pressure (bar)										Max Speed (km/h)
0.4	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	
		805	895	975	1040	1120				50
	790	885	985	1070	1140	1215				40
740	845	950	1055	1145	1220	1300				30
770	875	985	1090	1185	1270	1350				25
850	970	1090	1210	1315	1405	1495				20
945	1075	1210	1340	1460	1555	1655	1825			10
		995	1105	1200	1285	1360				50
	975	1095	1215	1320	1410	1500				40
915	1045	1170	1300	1410	1510	1605				30
950	1080	1215	1350	1465	1565	1665				25
1050	1200	1345	1495	1625	1735	1845				20
1165	1330	1495	1655	1800	1925	2045	2250			10
		1095	1215	1320	1410	1500				50
	1075	1205	1335	1450	1550	1650				40
1005	1150	1290	1430	1555	1660	1765				30
1045	1190	1335	1485	1610	1720	1830				25
1155	1320	1480	1645	1785	1910	2030				20
1285	1465	1645	1825	1980	2115	2250	2475			10
		1425	1580	1715	1835	1950				50
	1270	1425	1580	1715	1835	1950				40
1190	1355	1525	1690	1835	1960	2085				30
1235	1405	1580	1755	1905	2035	2165				25
1365	1560	1750	1945	2110	2255	2400				20
1515	1730	1940	2155	2340	2500	2660	2925			10
		1680	1865	2025	2160	2300				50
	1495	1680	1865	2025	2160	2300				40
1405	1600	1795	1995	2165	2315	2460				30
1455	1660	1865	2070	2245	2400	2555				25
1615	1840	2065	2290	2490	2660	2830				20
1790	2040	2290	2540	2760	2950	3135	3450			10
		965	1070	1160	1240	1320				50
	860	965	1070	1160	1240	1320				40
805	920	1030	1145	1245	1330	1410				30
835	950	1070	1185	1290	1375	1465				25
925	1055	1185	1315	1430	1525	1625				20
1025	1170	1315	1460	1585	1690	1800	1980			10

Agriculture

Size range, specifications and tire load capacities

Tractor85							
Size	Tire		Continental values				
	LI/SSY	Rims	Max Section width (mm)	Overall Diameter (mm)	Loaded Static Radius (mm)	Rolling Circumference (mm)	Speed Radius Index (SRI)
320/85 R 28	124 A8 (124B)	W11, DW11 W9 W10, W10L, DW10	336 316 326	1259	567*	3757*	600
340/85 R 28	127 A8 (127B)	W12, DW12 W11, DW11	357 347	1292	579*	3849*	625
380/85 R 28	133 A8 (130B)	W12, DW12 W11, DW11 W13, DW13, DW13L, T13	391 381 401	1361	606*	4041*	650
420/85 R 28	139 A8 (136B)	W15L, DW15L, TW15L W13, DW13, TW13 W14L, DW14L, TW14L	454 434 444	1430	632*	4233*	675
380/85 R 30	135 A8 (135B)	W12, DW12 W11, DW11 W13, DW13, DW13L, TW13	390 380 400	1417	633*	4215*	675
420/85 R 30	140 A8 (140B)	W15L, DW15L, TW15L W13, DW13, DW13L, TW13 W14L, DW14L, TW14L	453 433 443	1486	660*	4405*	700

*Calculated values

Italic letters = Preliminary values

For further remarks please see "Explanation of Technical Data Tables"

Tractor85

Tire Load Capacity (kg) at Tire Inflation Pressure (bar)										Max Speed (km/h)
0.4	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	
		1170	1295	1410	1505	1600				50
	1040	1170	1295	1410	1505	1600				40
975	1115	1250	1385	1505	1610	1710				30
1010	1155	1295	1440	1565	1670	1775				25
1120	1280	1435	1595	1730	1850	1970				20
1245	1420	1595	1765	1920	2050	2180	2400			10
		1280	1420	1540	1645	1750				50
	1140	1280	1420	1540	1645	1750				40
1065	1215	1365	1515	1650	1760	1875				30
1105	1265	1420	1575	1710	1825	1945				25
1225	1400	1570	1745	1895	2025	2155				20
1360	1550	1740	1935	2100	2245	2385	2625			10
		1370	1520	1650	1760	1900				50
	1340	1505	1670	1815	1935	2060				40
1255	1435	1610	1785	1940	2070	2205				30
1305	1485	1670	1850	2010	2150	2285				25
1445	1645	1850	2050	2230	2380	2535				20
1600	1825	2050	2275	2470	2640	2810	3090			10
		1615	1790	1945	2080	2240				50
	1580	1775	1970	2140	2285	2430				40
1480	1690	1900	2105	2290	2445	2600				30
1535	1755	1970	2185	2375	2535	2695				25
1705	1945	2180	2420	2630	2810	2990				20
1890	2155	2420	2685	2915	3115	3315	3645			10
		1590	1765	1920	2050	2180				50
	1415	1590	1765	1920	2050	2180				40
1330	1515	1705	1890	2055	2195	2335				30
1380	1575	1765	1960	2130	2275	2420				25
1530	1745	1955	2170	2360	2520	2680				20
1695	1930	2170	2410	2615	2795	2975	3270			10
		1825	2025	2200	2350	2500				50
	1625	1825	2025	2200	2350	2500				40
1525	1740	1955	2165	2355	2515	2675				30
1580	1805	2025	2250	2440	2610	2775				25
1755	2000	2245	2490	2705	2890	3075				20
1945	2215	2490	2760	3000	3205	3410	3750			10

Agriculture

Size range, specifications and tire load capacities

Tractor85							
Size	Tire		Continental values				
	LI/SSY	Rims	Max Section width (mm)	Overall Diameter (mm)	Loaded Static Radius (mm)	Rolling Circumference (mm)	Speed Radius Index (SRI)
420/90 R 30	147 A8 (147B)	DW13 W14L	425 435	1515	668*	4495*	725
460/85 R 30	145 A8 (145B)	W15L , DW15L , TW15L W16L , DW16L , TW16L	479 489	1554	686*	4594*	725
380/85 R 34	137 A8 (137B)	W12 , DW12 W11 , DW11 W13 , DW13 , DW13L , TW13	389 379 399	1504	678*	4507*	725
420/85 R 34	142 A8 (139B)	W15L , DW15L , TW15L W13 , DW13 , DW13L , TW13 W14L , DW14L , TW14L	453 433 443	1584	709*	4716*	750
460/85 R 34	147 A8 (147B)	W15L , DW15L , TW15L W16L , DW16L , TW16L	484 494	1661	739*	4928*	775
340/85 R 38	133 A8 (133B)	W12 , DW12 W11 , DW11	365 355	1560	712*	4684*	750

*Calculated values

Italic letters = Preliminary values

For further remarks please see "Explanation of Technical Data Tables"

Tire Load Capacity (kg) at Tire Inflation Pressure (bar)										Max Speed (km/h)
0.4	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	
		1935	2145	2330	2490	2650	2900	3075		50
	1725	1935	2145	2330	2490	2650	2900	3075		40
1615	1845	2070	2295	2495	2665	2835	3105	3290		30
1675	1910	2145	2385	2590	2765	2940	3220	3415		25
1860	2120	2380	2640	2870	3065	3260	3565	3780		20
2265	2560	2840	3120	3355	3550	3735	4050	4350	4615	10
		2115	2350	2550	2725	2900				50
	1885	2115	2350	2550	2725	2900				40
1770	2015	2265	2515	2730	2915	3105				30
1835	2090	2350	2605	2835	3025	3220				25
2035	2320	2605	2890	3140	3355	3565				20
2255	2570	2885	3205	3480	3715	3955	4350			10
		1655	1840	2000	2160	2300				50
	1470	1655	1840	2000	2160	2300				40
1355	1575	1770	1970	2140	2315	2460				30
1405	1635	1840	2040	2220	2400	2555				25
1555	1810	2035	2265	2460	2660	2830				20
1725	2005	2260	2510	2730	2950	3135	3445			10
		1760	1955	2120	2265	2430				50
	1725	1935	2145	2330	2490	2650				40
1615	1845	2070	2295	2495	2665	2835				30
1675	1910	2145	2385	2590	2765	2940				25
1860	2120	2380	2640	2870	3065	3260				20
2060	2350	2640	2925	3180	3395	3615	3975			10
		2245	2490	2705	2890	3075				50
	2000	2245	2490	2705	2890	3075				40
1875	2140	2400	2665	2895	3095	3290				30
1945	2220	2490	2765	3005	3210	3415				25
2155	2460	2760	3065	3330	3555	3780				20
2390	2725	3060	3395	3690	3940	4195	4615			10
		1505	1670	1815	1935	2060				50
	1340	1505	1670	1815	1935	2060				40
1255	1435	1610	1785	1940	2070	2205				30
1305	1485	1670	1850	2010	2150	2285				25
1445	1645	1850	2050	2230	2380	2535				20
1600	1825	2050	2275	2470	2640	2810	3090			10

Agriculture

Size range, specifications and tire load capacities

Tractor85

Tire		Continental values					
Size	LI/SSY	Rims	Max Section width (mm)	Overall Diameter (mm)	Loaded Static Radius (mm)	Rolling Circumference (mm)	Speed Radius Index (SRI)
380/80 R 38	142 A8 (142B)	W12 ,DW12 W11, DW11 W13, DW13	372 362 382	1571	718*	4724*	750
420/85 R 38	144 A8 (144B)	W15L , DW15L , TW15L W13 , DW13 , DW13L , TW13 W14L , DW14L , TW14L	454 434 444	1692	762*	5050*	800
460/85 R 38	149 A8 (146B)	W15L , DW15L , TW15L W16L , DW16L , TW16L	486 496	1769	792*	5260*	825
480/80 R 38	149 A8 (149B)	W16L , DW16L , TW16L W14L , DW14L , TW14L W15L , DW15L , TW15L	492 472 482	1744	786	5207	825
520/85 R 38	155 A8 (152B)	W16L , DW16L , TW16L , DD16L W15L , DW15L , TW15L W18L , DW18L , TW18L , DD18L	534 524 554	1868	830*	5540*	875
480/80 R 42	156 A8 (156B)	W16L , DW16L , TW16L W14L , DW14L , TW14L W15L , DW15L , TW15L	493 473 483	1849	838*	5536*	875

*Calculated values

Italic letters = Preliminary values

For further remarks please see "Explanation of Technical Data Tables"

Tire Load Capacity (kg) at Tire Inflation Pressure (bar)										Max Speed (km/h)
0.4	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	
		1680	1865	2025	2160	2300	2500	2650		50
	1495	1680	1865	2025	2160	2300	2500	2650		40
1405	1600	1795	1995	2165	2315	2460	2675	2835		30
1455	1660	1865	2070	2245	2400	2555	2775	2940		25
1615	1840	2065	2290	2490	2660	2830	3075	3260		20
1965	2225	2470	2710	2915	3080	3245	3510	3750	3975	10
		2045	2270	2465	2630	2800				50
	1820	2045	2270	2465	2630	2800				40
1710	1945	2185	2425	2635	2815	2995				30
1770	2020	2270	2515	2735	2920	3110				25
1965	2240	2515	2790	3030	3235	3445				20
2175	2480	2785	3095	3360	3590	3820	4200			10
		2160	2395	2605	2780	3000				50
	2115	2375	2635	2860	3055	3250				40
1980	2260	2540	2815	3060	3270	3480				30
2055	2345	2635	2920	3175	3390	3610				25
2280	2600	2920	3240	3520	3760	4000				20
2525	2880	3235	3590	3900	4165	4430	4875			10
		2375	2635	2860	3055	3250				50
	2115	2375	2635	2860	3055	3250				40
1980	2260	2540	2815	3060	3270	3480				30
2055	2345	2635	2920	3175	3390	3610				25
2280	2600	2920	3240	3520	3760	4000				20
2780	3140	3490	3835	4120	4360	4585	4875			10
		2575	2855	3105	3315	3550				50
	2520	2830	3140	3410	3645	3875				40
2365	2695	3025	3360	3650	3895	4145				30
2450	2795	3140	3485	3785	4045	4300				25
2715	3100	3480	3860	4195	4480	4765				20
3010	3435	3855	4280	4650	4965	5285	5815			10
		2210	2520	2830	3140	3450	3750	4000		50
	1900	2210	2520	2830	3140	3450	3750	4000		40
1660	2030	2365	2695	3025	3360	3690	4015	4280		30
1725	2105	2450	2795	3140	3485	3830	4165	4440		25
1910	2335	2715	3100	3480	3860	4245	4615	4920		20
2330	2810	3215	3610	3990	4355	4710	5265	5625	6000	10

Agriculture

Size range, specifications and tire load capacities

Tractor85

Size	Tire		Max Section width (mm)	Overall Diameter (mm)	Continental values		
	LI/SSY	Rims			Loaded Static Radius (mm)	Rolling Circumference (mm)	Speed Radius Index (SRI)
520/85 R 42	162 A8 (162B)	W16L , DW16L , TW16L , DD16L W15L , DW15L , TW15L W18L , DW18L , TW18L , DD18L	526 516 546	1962	878*	5840*	925
480/80 R 46	158 A8 (158B)	W16L , DW16L , TW16L W14L , DW14L , TW14L W15L , DW15L , TW15L	495 475 485	1954	890*	5865*	925
520/85 R 46	158 A8 (158B)	W16L , DW16L , TW16L , DD16L W15L , DW15L , TW15L W18L , DW18L , TW18L , DD18L	533 523 553	2056	926*	6138*	975

*Calculated values

Italic letters = Preliminary values

For further remarks please see "Explanation of Technical Data Tables"

Tractor85

Tire Load Capacity (kg) at Tire Inflation Pressure (bar)										Max Speed (km/h)
0.4	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	
		2640	3010	3385	3755	4125	4500	4750		50
	2270	2640	3010	3385	3755	4125	4500	4750		40
1985	2430	2825	3220	3620	4015	4415	4815	5085		30
2060	2520	2930	3340	3755	4165	4580	4995	5275		25
2285	2790	3245	3705	4160	4615	5075	5535	5845		20
2785	3355	3845	4315	4770	5205	5630	6300	6750	7125	10
		2270	2590	2910	3230	3550	3875	4250		50
	1955	2270	2590	2910	3230	3550	3875	4250		40
1710	2090	2430	2775	3115	3455	3800	4145	4550		30
1775	2165	2520	2875	3230	3585	3940	4300	4720		25
1965	2400	2795	3190	3580	3975	4365	4765	5230		20
2395	2885	3305	3715	4105	4485	4845	5425	5815	6375	10
		2720	3105	3485	3870	4250				50
	2340	2720	3105	3485	3870	4250				40
2045	2500	2910	3320	3730	4140	4550				30
2125	2595	3020	3445	3870	4295	4720				25
2350	2875	3345	3815	4285	4755	5230				20
2870	3450	3955	4440	4915	5360	5800	6375			10

Tractor70

Maximum traction, minimum soil compaction.



Farmers are not only tough, they are also sensitive in the way they treat the environment. In fields they need robust tires that tread lightly and treat the precious soil with care. Tractor70 tires are wider than standard ones and therefore have a larger footprint. In combination with optimum self-cleaning properties and smooth, rounded lugs, Tractor70 tires deliver impressively high traction. What's more, the special bead design enables these tires to be driven at lower pressures than conventional tires, which is gentler on the soil.



Tread design and contour

A wide tread and smooth interlug and center line design lead to good self-cleaning properties and excellent traction



Bead technology

Longer footprint due to 0.2 bar lower pressure leads to low soil compaction and good traction



Tread design

Smooth interlug design and center line lead to good self-cleaning properties



Agriculture

Size range, specifications and tire load capacities

Tractor70							
Tire			Continental values				
Size	LI/SSY	Rims	Max Section width (mm)	Overall Diameter (mm)	Loaded Static Radius (mm)	Rolling Circumference (mm)	Speed Radius Index (SRI)
320/70 R 24	116 D (119A8)	W10 , W10L , DW10 W9 W11 , DW11	323 313 333	1097	494*	3272*	525
360/70 R 24	122 D (125A8)	W11 , DW11 W10 , W10L , DW10 W12 , DW12	358 348 368	1154	521*	3447*	550
380/70 R 24	125 D (128A8)	W12 , DW12 W11 , DW11 W13 , DW13 , DW13L , TW13L	386 376 396	1191	530*	3534*	575
420/70 R 24	130 D (133A8)	W13 , DW13 , DW13L , TW13 W12 , DW12 W14L , DW14L , TW14L	432 422 442	1251	559*	3722*	600
480/70 R 24	138 D (141A8)	W15L , DW15L , TW15L W14L , DW14L , TW14L W16L , DW16L , TW16L	488 478 498	1319	586*	3905*	625

*Calculated values

Italic letters = Preliminary values

For further remarks please see "Explanation of Technical Data Tables"

Tire Load Capacity (kg) at Tire Inflation Pressure (bar)								Max Speed (km/h)
0.4	0.6	0.8	1.0	1.2	1.4	1.6	2.0	
			940	1050	1150	1250		65
		880	985	1105	1210	1315		50
	795	915	1025	1150	1260	1360		40
705	835	965	1080	1210	1325	1440		30
725	860	990	1110	1245	1365	1480		25
755	890	1030	1155	1290	1415	1540		20
835	990	1140	1280	1430	1570	1705	1875	10
			1140	1265	1385	1500		65
		1060	1195	1325	1450	1575		50
	965	1105	1245	1385	1515	1650		40
845	1010	1165	1310	1450	1590	1725		30
875	1045	1200	1350	1495	1640	1780		25
905	1080	1245	1400	1555	1700	1845		20
1005	1200	1375	1545	1735	1890	2050	2250	10
			1240	1385	1520	1650		65
		1160	1300	1455	1595	1735		50
	1050	1210	1355	1520	1660	1800		40
930	1100	1270	1425	1595	1745	1900		30
960	1135	1310	1465	1640	1800	1955		25
995	1175	1360	1520	1705	1865	2030		20
1105	1305	1510	1690	1890	2070	2250	2475	10
			1425	1595	1750	1900		65
		1335	1495	1675	1835	1995		50
	1205	1395	1560	1750	1915	2060		40
1070	1265	1465	1640	1835	2010	2185		30
1105	1305	1510	1690	1890	2070	2250		25
1145	1355	1565	1755	1965	2150	2335		20
1270	1505	1735	1945	2175	2385	2590	2850	10
			1770	1980	2170	2360		65
		1660	1860	2080	2280	2480		50
	1500	1730	1940	2170	2375	2575		40
1330	1575	1820	2035	2280	2495	2715		30
1370	1620	1875	2095	2350	2575	2795		25
1420	1685	1945	2175	2440	2670	2905		20
1575	1865	2155	2415	2705	2960	3220	3540	10

Agriculture

Size range, specifications and tire load capacities

Tractor70							
Size	Tire		Max Section width (mm)	Overall Diameter (mm)	Continental values		
	LI/SSY	Rims			Loaded Static Radius (mm)	Rolling Circumference (mm)	Speed Radius Index (SRI)
360/70 R 28	125 D (128A8)	W11, DW11 W10, W10L, DW10 W12, DW12	354 344 364	1254	571*	3763*	600
380/70 R 28	127 D (130A8)	W12, DW12 W11, DW11 W13, DW13; DW13L, TW13	381 371 391	1303	585*	3882*	625
420/70 R 28	133 D (136A8)	W13, DW13, DW13L, TW13 W12, DW12 W14L, DW14L, TW14L	429 419 439	1353	610*	4042*	650
480/70 R 28	140 D (143A8)	W15L, DW15L, TW15L W14L, DW14L, TW14L W16L, DW16L, TW16L	489 479 499	1421	637*	4233*	675
420/70 R 30	134 D (137A8)	W13, DW13, DW13L, TW13 W12, DW12 W14L, DW14L, TW14L	420 410 430	1409	632*	4196*	675

*Calculated values

Italic letters = Preliminary values

For further remarks please see "Explanation of Technical Data Tables"

Tractor70

Tire Load Capacity (kg) at Tire Inflation Pressure (bar)								Max Speed (km/h)
0.4	0.6	0.8	1.0	1.2	1.4	1.6	2.0	
			1240	1385	1520	1650		65
		1160	1300	1455	1595	1735		50
	1050	1210	1355	1520	1660	1805		40
930	1100	1270	1425	1595	1745	1900		30
960	1135	1310	1465	1640	1800	1955		25
995	1175	1360	1520	1705	1865	2030		20
1105	1305	1510	1690	1890	2070	2250	2475	10
			1315	1470	1610	1750		65
		1230	1380	1545	1690	1840		50
	1110	1285	1435	1610	1765	1900		40
985	1165	1350	1510	1690	1850	2015		30
1015	1205	1390	1555	1740	1910	2075		25
1055	1250	1440	1615	1810	1980	2155		20
1170	1385	1600	1790	2005	2195	2385	2625	10
			1545	1730	1895	2060		65
		1450	1620	1815	1990	2165		50
	1310	1510	1690	1895	2075	2240		40
1160	1375	1585	1775	1990	2180	2370		30
1195	1415	1635	1830	2050	2245	2440		25
1240	1470	1700	1900	2130	2330	2535		20
1375	1630	1880	2105	2360	2685	2810	3090	10
			1875	2100	2300	2500		65
		1760	1970	2205	2415	2625		50
	1590	1835	2055	2300	2520	2725		40
1410	1670	1925	2155	2415	2645	2875		30
1450	1720	1985	2220	2490	2725	2965		25
1505	1785	2060	2305	2585	2830	3075		20
1670	1975	2285	2555	2865	3135	3410	3750	10
			1590	1780	1950	2120		65
		1490	1670	1870	2050	2225		50
	1345	1555	1740	1950	2135	2300		40
1195	1415	1635	1830	2050	2245	2440		30
1230	1455	1685	1885	2110	2310	2510		25
1280	1510	1745	1955	2190	2400	2610		20
1415	1675	1935	2170	2430	2660	2890	3180	10

Agriculture

Size range, specifications and tire load capacities

Tractor70							
Size	Tire		Max Section width (mm)	Continental values			
	LI/SSY	Rims		Overall Diameter (mm)	Loaded Static Radius (mm)	Rolling Circumference (mm)	Speed Radius Index (SRI)
480/70 R 30	141 D (144A8)	W15L, DW15L, TW15L W14L, DW14L, TW14L W16L, DW16L, TW16L	491 481 501	1496	665*	4438*	700
480/70 R 34	143 D (146A8)	W15L, DW15L, TW15L W14L, DW14L, TW14L W16L, DW16L, TW16L	495 485 505	1593	721*	4767*	750
520/70 R 34	148 D (151A8)	W16L, DW16L, TW16L W15L, DW15L, TW15L W18L, DW18L, TW18L	530 520 550	1656	739*	4920*	775
480/70 R 38	145 D (148A8)	W15L, DW15L, TW15L W14L, DW14L, TW14L W16L, DW16L, TW16L	479 469 489	1708	770*	5101*	800
520/70 R 38	150 D (153A8)	W16L, DW16L, TW16L W15L, DW15L, TW15L W18L, DW18L, TW18L	527 517 547	1771	795*	5260*	825

*Calculated values

Italic letters = Preliminary values

For further remarks please see "Explanation of Technical Data Tables"

Tractor70

Tire Load Capacity (kg) at Tire Inflation Pressure (bar)								Max Speed (km/h)
0.4	0.6	0.8	1.0	1.2	1.4	1.6	2.0	
			1930	2165	2370	2575		65
		1810	2030	2270	2485	2705		50
	1635	1890	2115	2370	2595	2800		40
1450	1720	1985	2220	2485	2725	2960		30
1495	1770	2045	2290	2565	2805	3050		25
1550	1835	2120	2375	2660	2915	3165		20
1720	2035	2355	2635	2950	3230	3510	3865	10
			2045	2290	2505	2725		65
		1915	2145	2405	2630	2860		50
	1730	2000	2240	2505	2745	3000		40
1535	1820	2100	2350	2630	2885	3135		30
1580	1875	2165	2420	2710	2970	3230		25
1640	1945	2245	2515	2815	3085	3350		20
1820	2155	2490	2785	3120	3420	3715	4090	10
			2365	2645	2900	3150		65
		2215	2480	2780	3045	3310		50
	2000	2310	2585	2895	3175	3450		40
1775	2100	2425	2715	3045	3335	3625		30
1830	2165	2500	2800	3135	3435	3735		25
1900	2245	2595	2905	3255	3565	3875		20
2105	2490	2880	3220	3610	3950	4295	4725	10
			2175	2435	2670	2900		65
		2040	2285	2560	2800	3045		50
	1840	2130	2380	2665	2920	3150		40
1635	1935	2235	2500	2800	3070	3335		30
1685	1995	2300	2575	2885	3160	3435		25
1750	2070	2390	2675	2995	3280	3565		20
1940	2295	2650	2965	3320	3640	3955	4350	10
			2515	2815	3080	3350		65
		2355	2640	2955	3235	3520		50
	2130	2460	2750	3080	3375	3650		40
1890	2235	2580	2890	3235	3545	3855		30
1945	2300	2660	2975	3335	3650	3970		25
2020	2390	2760	3090	3460	3790	4120		20
2240	2650	3060	3425	3835	4205	4570	5025	10

Agriculture

Size range, specifications and tire load capacities

Tire			Continental values				
Size	LI/SSY	Rims	Max Section width (mm)	Overall Diameter (mm)	Loaded Static Radius (mm)	Rolling Circumference (mm)	Speed Radius Index (SRI)
580/70 R 38	155 D (158A8)	W18L , DW18L , TW18L	596	1853	827*	5505*	875

*Calculated values

Italic letters = Preliminary values

For further remarks please see "Explanation of Technical Data Tables"

Tractor70

Tire Load Capacity (kg) at Tire Inflation Pressure (bar)								Max Speed (km/h)
0.4	0.6	0.8	1.0	1.2	1.4	1.6	2.0	
			2905	3255	3565	3875		65
		2725	3050	3420	3745	4070		50
	2460	2845	3180	3565	3905	4250		40
2185	2585	2985	3340	3745	4100	4455		30
2250	2665	3075	3445	3855	4225	4590		25
2335	2765	3195	3575	4005	4385	4765		20
2590	3065	3540	3965	4440	4860	5285	5815	10

TractorMaster

Higher durability and mileage.



Driven by passion and dedication, the farmer works in the field for as long as it takes to bring in the harvest. Likewise, our engineers go that extra mile so our tires can support the farmer in all weather and on all terrain. They are miles ahead of standard tires, integrating N.flex technology, the innovative bead design and advanced d.fine lug technology. Longer-lasting tires take dedicated farmers further.



d.fine lug technology

5% larger lug surface than standard tires leads to optimum traction



N.flex technology

Great impact resistance due to maximum elongation of nylon leads to excellent robustness



Bead technology

High sidewall deflection performance leads to low soil compaction



Agriculture

Size range, specifications and tire load capacities

TractorMaster

Size	Tire		Max Section width (mm)	Overall Diameter (mm)	Continental values		
	LI/SSY	Rims			Loaded Static Radius (mm)	Rolling Circumference (mm)	Speed Radius Index (SRI)
420/65 R 20	<i>135 D (138A8)</i>	W13, DW13, TW13 W11, DW11 W12, DW12	418** 398** 408**	1054**	472**	3140**	500
440/65 R 24	128 D (131A8)	W14L, DW14L, TW14L W13, DW13, DW13L, TW13 W15L, DW15L, TW15L	449 439 459	1181	533*	3529*	575
480/65 R 24	133 D (136A8)	W15L, DW15L, TW15L W14L, DW14L, TW14L	485 475	1236	555*	3684*	600
540/65 R 24	140 D (143A8)	W16L, DW16L, TW16L W18L, DW18L, TW18L	541 561	1307	584*	3885*	625

*Calculated values

Italic letters = Preliminary values

For further remarks please see "Explanation of Technical Data Tables"

TractorMaster

Tire Load Capacity (kg) at Tire Inflation Pressure (bar)										Max Speed (km/h)
0.4	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	
			1205	1355	1500	1650	1950	2180		65
		1110	1265	1420	1575	1735	2050	2290		50
	990	1150	1315	1475	1640	1800	2120	2360		40
855	1045	1215	1385	1555	1725	1900	2245	2505		30
880	1075	1250	1425	1605	1780	1955	2310	2585		25
915	1115	1300	1480	1665	1845	2030	2400	2680		20
1115	1340	1535	1725	1910	2080	2250	2565	2925	3270	10
			1.350	1.510	1.655	1.800				65
		1.245	1.420	1.590	1.740	1.890				50
	1.090	1.285	1.465	1.640	1.795	1.950				40
975	1.160	1.365	1.555	1.740	1.905	2.070				30
1.005	1.195	1.410	1.600	1.790	1.960	2.135				25
1.040	1.240	1.460	1.660	1.860	2.035	2.215				20
1.270	1.490	1.735	1.945	2.145	2.320	2.485	2.700			10
			1.545	1.730	1.895	2.060				65
		1.430	1.620	1.815	1.990	2.165				50
	1.255	1.480	1.680	1.880	2.060	2.240				40
1.115	1.325	1.565	1.775	1.990	2.180	2.370				30
1.145	1.365	1.610	1.830	2.050	2.245	2.440				25
1.190	1.420	1.670	1.900	2.130	2.330	2.535				20
1.450	1.705	1.985	2.225	2.460	2.655	2.845	3.090			10
			1.875	2.100	2.300	2.500				65
		1.735	1.970	2.205	2.415	2.625				50
	1.525	1.800	2.045	2.290	2.505	2.725				40
1.350	1.610	1.900	2.155	2.415	2.645	2.875				30
1.390	1.660	1.955	2.220	2.490	2.725	2.965				25
1.445	1.720	2.030	2.305	2.585	2.830	3.075				20
1.765	2.075	2.410	2.705	2.985	3.220	3.450	3.750			10

Agriculture

Size range, specifications and tire load capacities

Tire			Continental values				
Size	LI/SSY	Rims	Max Section width (mm)	Overall Diameter (mm)	Loaded Static Radius (mm)	Rolling Circumference (mm)	Speed Radius Index (SRI)
440/65 R 28	131 D (134A8)	W14L , DW14L , TW14L W13 , DW13 , DW13L , TW13 W15L , DW15L , TW15L	451 441 461	1292	588*	3875*	625
480/65 R 28	136 D (139A8)	W15L , DW15L , TW15L W14L , DW14L , TW14L	483 473	1338	600*	4005*	650
540/65 R 28	142 D (145A8)	W16L , DW16L , TW16L W18L , DW18L , TW18L	542 562	1421	632*	4217*	675
600/65 R 28	154 D (157A8)	DW20B , TW20B W18L , DW18L , TW18L	612 592	1516	678*	4505*	700

*Calculated values

Italic letters = Preliminary values

For further remarks please see "Explanation of Technical Data Tables"

TractorMaster

Tire Load Capacity (kg) at Tire Inflation Pressure (bar)										Max Speed (km/h)
0.4	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	
			1.465	1.640	1.795	1.950				65
		1.350	1.535	1.720	1.885	2.050				50
	1.185	1.400	1.590	1.780	1.950	2.120				40
1.055	1.255	1.480	1.680	1.885	2.065	2.245				30
1.085	1.295	1.525	1.735	1.940	2.125	2.310				25
1.125	1.345	1.585	1.800	2.015	2.205	2.400				20
1.375	1.615	1.875	2.105	2.325	2.510	2.690	2.925			10
			1.680	1.880	2.060	2.240				65
		1.550	1.765	1.975	2.165	2.350				50
	1.360	1.605	1.825	2.040	2.235	2.430				40
1.210	1.445	1.700	1.930	2.165	2.370	2.575				30
1.250	1.485	1.750	1.990	2.230	2.440	2.655				25
1.295	1.545	1.820	2.065	2.315	2.535	2.755				20
1.580	1.855	2.160	2.420	2.670	2.885	3.090	3.360			10
			1.990	2.225	2.440	2.650				65
		1.835	2.085	2.335	2.560	2.785				50
	1.625	1.915	2.175	2.435	2.670	2.900				40
1.430	1.705	2.010	2.285	2.560	2.805	3.050				30
1.475	1.760	2.075	2.355	2.640	2.890	3.140				25
1.530	1.825	2.150	2.445	2.740	3.000	3.260				20
1.870	2.200	2.555	2.865	3.165	3.410	3.655	3.975			10
			2365	2645	2900	3150	3550	3750		65
		2185	2480	2780	3045	3310	3730	3940		50
	1930	2275	2590	2900	3175	3450	3875	4125		40
1705	2030	2390	2715	3045	3335	3625	4085	4315		30
1755	2090	2465	2800	3135	3435	3735	4205	4445		25
1820	2170	2555	2905	3255	3565	3875	4365	4615		20
2220	2610	3030	3400	3755	4060	4345	4845	5325	5625	10

Agriculture

Size range, specifications and tire load capacities

TractorMaster

Size	Tire		Max Section width (mm)	Overall Diameter (mm)	Continental values		
	LI/SSY	Rims			Loaded Static Radius (mm)	Rolling Circumference (mm)	Speed Radius Index (SRI)
600/70 R 28	157 D (160A8)	DW20B , TW20B W18L , DW18L , TW18L	627 607	1574	698*	4664*	725
540/65 R 30	150 D (153A8)	W16L , DW16L , TW16L W18L , DW18L , TW18L	541 561	1482	669*	4427*	700
600/70 R 30	152 D (155A8)	DW20B , TW20B W18L , DW18L , TW18L	631 611	1606	716*	4771*	750
710/60 R 30	162 D (165A8)	DW23B , TW23B DW21B , TW21B DW24B , TW24B DW25B , TW25B	713 698 723 733	1638	735*	4868*	775

*Calculated values

Italic letters = Preliminary values

For further remarks please see "Explanation of Technical Data Tables"

TractorMaster

Tire Load Capacity (kg) at Tire Inflation Pressure (bar)										Max Speed (km/h)
0.4	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	
			2590	2910	3230	3550	3875	4125		65
		2385	2720	3055	3390	3730	4070	4330		50
	2130	2480	2830	3180	3525	3875	4250	4500		40
1835	2245	2615	2980	3350	3715	4085	4455	4745		30
1895	2315	2690	3070	3450	3830	4205	4590	4890		25
1965	2400	2795	3190	3580	3975	4365	4765	5075		20
2395	2885	3305	3715	4105	4485	4845	5425	5815	6190	10
			2045	2290	2505	2725	3075	3350		65
		1890	2145	2405	2630	2860	3230	3520		50
	1680	1980	2250	2520	2760	3000	3350	3650		40
1475	1755	2070	2350	2630	2885	3135	3535	3855		30
1520	1810	2130	2420	2710	2970	3230	3645	3970		25
1575	1875	2210	2515	2815	3085	3350	3780	4120		20
1920	2260	2625	2945	3250	3510	3760	4195	4615	5025	10
			2650	3000	3350	3550				65
		2480	2785	3150	3520	3730				50
	2190	2585	2900	3285	3670	3875				40
1900	2300	2715	3050	3450	3855	4085				30
1955	2370	2795	3140	3555	3970	4205				25
2030	2460	2905	3260	3690	4120	4365				20
2475	2975	3290	3740	4230	4725	4845	5325			10
			2830	3180	3525	3875	4375	4750		65
		2605	2970	3335	3705	4070	4595	4990		50
	2340	2720	3105	3485	3870	4250	4750	5150		40
2005	2450	2850	3255	3655	4055	4455	5030	5465		30
2065	2525	2940	3350	3765	4180	4590	5185	5630		25
2145	2620	3050	3480	3910	4335	4765	5380	5845		20
2615	3150	3610	4050	4480	4890	5290	5965	6565	7125	10

Agriculture

Size range, specifications and tire load capacities

TractorMaster

Size	Tire		Max Section width (mm)	Overall Diameter (mm)	Continental values		
	LI/SSY	Rims			Loaded Static Radius (mm)	Rolling Circumference (mm)	Speed Radius Index (SRI)
540/65 R 34	152 D (155A8)	W16L , DW16L , TW16L W18L , DW18L , TW18L	548 568	1581	719*	4739*	750
600/65 R 34	151 D (154A8)	DW20B , TW20B W18L , DW18L , TW18L	626 606	1649	746*	4921*	775
650/65 R 34	161 D (164A8)	DW20B , TW20B DW21B , TW21B DW23B , TW23B	661 671 691	1729	778*	5160*	825
540/65 R 38	147 D (150A8)	W16L , DW16L , TW16L W18L , DW18L , TW18L	537 557	1685	763*	5042*	800

*Calculated values

Italic letters = Preliminary values

For further remarks please see "Explanation of Technical Data Tables"

TractorMaster

Tire Load Capacity (kg) at Tire Inflation Pressure (bar)										Max Speed (km/h)
0.4	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	
			2175	2435	2670	2900	3250	3550		65
		2010	2285	2560	2800	3045	3415	3730		50
	1765	2080	2365	2645	2900	3150	3550	3875		40
1565	1870	2200	2500	2800	3070	3335	3740	4085		30
1615	1925	2270	2575	2885	3160	3435	3850	4205		25
1675	2000	2355	2675	2995	3280	3565	4000	4365		20
2045	2405	2795	3135	3460	3735	4000	4455	4875	5325	10
			2.590	2.900	3.175	3.450				65
		2.390	2.715	3.045	3.335	3.625				50
	2.100	2.475	2.815	3.150	3.450	3.750				40
1.865	2.220	2.620	2.975	3.335	3.650	3.970				30
1.920	2.290	2.700	3.065	3.435	3.760	4.090				25
1.995	2.375	2.800	3.185	3.565	3.905	4.245				20
2.430	2.855	3.320	3.720	4.110	4.440	4.760	5.175			10
			2905	3255	3565	3875	4375	4625		65
		2685	3050	3420	3745	4070	4595	4855		50
	2380	2805	3190	3570	3910	4250	4750	5000		40
2095	2495	2940	3340	3745	4100	4455	5030	5320		30
2160	2570	3030	3445	3855	4225	4590	5185	5480		25
2240	2670	3145	3575	4005	4385	4765	5380	5690		20
2730	3215	3730	4185	4620	4990	5350	5965	6565	6940	10
			2.305	2.585	2.830	3.075				65
		2.130	2.420	2.710	2.970	3.230				50
	1.875	2.210	2.515	2.815	3.080	3.350				40
1.660	1.980	2.335	2.650	2.970	3.255	3.535				30
1.715	2.040	2.405	2.735	3.060	3.350	3.645				25
1.780	2.120	2.495	2.835	3.175	3.480	3.780				20
2.170	2.550	2.970	3.325	3.670	3.965	4.245	4.615			10

Agriculture

Size range, specifications and tire load capacities

TractorMaster

Size	Tire		Max Section width (mm)	Overall Diameter (mm)	Continental values		
	LI/SSY	Rims			Loaded Static Radius (mm)	Rolling Circumference (mm)	Speed Radius Index (SRI)
600/65 R 38	153 D (156A8)	DW20B , TW20B W18L , DW18L , TW18L	619 599	1769	804*	5259*	825
650/65 R 38	157 D (160A8)	DW20B , TW20B DW21B , TW21B DW23B , TW23B	661 671 691	1830	820*	5447*	875
650/75 R 38	169 D (172A8)	DW21B , TW21B DW20B , TW20B DW23B , TW23B	683 673 703	1941	866*	5768*	925
650/85 R 38	173 D (176A8)	DW23B , TW23B DW20B , TW20B DW21B , TW21B	701 671 681	2088	915*	6154*	975

*Calculated values

Italic letters = Preliminary values

For further remarks please see "Explanation of Technical Data Tables"

TractorMaster

Tire Load Capacity (kg) at Tire Inflation Pressure (bar)										Max Speed (km/h)
0.4	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	
			2.740	3.065	3.360	3.650				65
		2.530	2.875	3.220	3.525	3.835				50
	2.240	2.640	3.000	3.360	3.680	4.000				40
1.975	2.350	2.770	3.150	3.525	3.860	4.200				30
2.035	2.420	2.855	3.245	3.635	3.980	4.325				25
2.110	2.515	2.965	3.365	3.770	4.130	4.490				20
2.575	3.025	3.520	3.945	4.355	4.700	5.035	5.475			10
			3.095	3.465	3.795	4.125				65
		2.860	3.250	3.640	3.985	4.330				50
	2.520	2.970	3.375	3.780	4.140	4.500				40
2.230	2.655	3.130	3.560	3.985	4.365	4.745				30
2.295	2.735	3.225	3.665	4.105	4.495	4.890				25
2.385	2.840	3.350	3.805	4.260	4.670	5.075				20
2.910	3.420	3.975	4.455	4.920	5.310	5.695	6.190			10
			3560	4000	4435	4875	5450	5800		65
		3275	3735	4195	4660	5120	5725	6090		50
	2915	3390	3870	4345	4825	5300	6000	6300		40
2525	3085	3590	4095	4595	5100	5605	6270	6670		30
2600	3175	3695	4215	4735	5255	5775	6460	6875		25
2700	3300	3840	4375	4915	5455	5995	6705	7135		20
3290	3965	4535	5100	5635	6155	6655	7485	8175	8700	10
			3980	4470	4960	5450	6000	6500		65
		3660	4175	4690	5205	5725	6300	6825		50
	3300	3840	4380	4920	5460	6000	6500	7100		40
2820	3445	4010	4575	5140	5705	6270	6900	7475		30
2905	3550	4135	4715	5295	5875	6460	7110	7705		25
3015	3685	4290	4895	5495	6100	6705	7380	7995		20
3680	4430	5080	5700	6305	6880	7440	8340	9000	9750	10

Agriculture

Size range, specifications and tire load capacities

TractorMaster

Size	Tire		Max Section width (mm)	Overall Diameter (mm)	Continental values		
	LI/SSY	Rims			Loaded Static Radius (mm)	Rolling Circumference (mm)	Speed Radius Index (SRI)
710/70 R 38	171 D (174A8)	DW23B , TW23B DW25B , TW25B	740 760	1966	879*	5851*	925
800/70 R 38	178 D (181A8)	DW27B , TW27B , DH27B DW25B , TW25B	853 833	2060	917*	6116*	975
900/60 R 38	178 D (181A8)	DW28B , TW28B DW27B , TW27B DW30B , TW30B	893 883 913	2035	915*	6070*	975
650/65 R 42	165 D (168A8)	DW20B , TW20B DW21B , TW21B DW23B , TW23B	650 660 680	1947	885*	5815*	925

*Calculated values

Italic letters = Preliminary values

For further remarks please see "Explanation of Technical Data Tables"

TractorMaster

Tire Load Capacity (kg) at Tire Inflation Pressure (bar)										Max Speed (km/h)
0.4	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	
			3870	4345	4825	5300	5800	6150		65
		3560	4060	4565	5065	5565	6090	6460		50
	3190	3710	4235	4755	5280	5800	6300	6700		40
2745	3350	3900	4450	5000	5545	6095	6670	7075		30
2825	3455	4020	4585	5150	5715	6280	6875	7290		25
2935	3585	4170	4760	5345	5930	6520	7135	7565		20
3580	4310	4940	5545	6135	6695	7235	8100	8700	9225	10
			4745	5330	5915	6500	7100	7500		65
		4370	4980	5595	6210	6825	7455	7875		50
	3905	4545	5185	5820	6460	7100	7750	8250		40
3365	4110	4785	5455	6130	6800	7475	8165	8625		30
3465	4235	4930	5625	6315	7010	7705	8415	8890		25
3600	4395	5115	5835	6555	7275	7995	8735	9225		20
4390	5285	6055	6800	7515	8210	8875	9930	10650	11250	10
			4600	5165	5735	6300	7100	7500		65
		4235	4830	5425	6020	6615	7455	7875		50
	3795	4415	5035	5660	6280	6900	7750	8250		40
3260	3985	4635	5290	5940	6595	7245	8165	8625		30
3360	4105	4780	5450	6120	6795	7465	8415	8890		25
3485	4260	4960	5655	6355	7050	7750	8735	9225		20
4255	5125	5870	6595	7285	7955	8600	9690	10650	11250	10
			3190	3570	3910	4250	4750	5150		65
		2945	3345	3750	4105	4465	4990	5410		50
	2590	3055	3470	3885	4255	4625	5150	5600		40
2295	2735	3225	3665	4105	4495	4890	5465	5925		30
2365	2820	3325	3775	4230	4635	5035	5630	6105		25
2455	2925	3450	3920	4390	4810	5230	5845	6335		20
2995	3525	4095	4590	5070	5475	5865	6525	7125	7725	10

Agriculture

Size range, specifications and tire load capacities

TractorMaster							
Size	Tire		Max Section width (mm)	Overall Diameter (mm)	Continental values		
	LI/SSY	Rims			Loaded Static Radius (mm)	Rolling Circumference (mm)	Speed Radius Index (SRI)
710/70 R 42	173 D (176A8)	DW23B , TW23B DW25B , TW25B	750 770	2075	933*	6191*	975
710/75 R 42	175 D (178A8)	DW23B , TW23B DW21B , TW21B DW24B , TW24B DW25B ; TW25B	749 729 759 769	2171	967	6447	1025

*Calculated values

Italic letters = Preliminary values

For further remarks please see "Explanation of Technical Data Tables"

TractorMaster

Tire Load Capacity (kg) at Tire Inflation Pressure (bar)										Max Speed (km/h)
0.4	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	
			4090	4590	5095	5600	6150	6500		65
		3765	4290	4820	5350	5880	6460	6825		50
	3385	3935	4490	5045	5595	6150	6700	7100		40
2900	3540	4120	4700	5280	5860	6440	7075	7475		30
2985	3650	4245	4845	5440	6040	6635	7290	7705		25
3100	3790	4410	5030	5650	6270	6890	7565	7995		20
3780	4550	5220	5860	6480	7075	7645	8565	9225	9750	10
			4380	4920	5460	6000	6500	6900		65
		4030	4600	5165	5735	6300	6825	7245		50
	3575	4160	4745	5330	5915	6500	7100	7500		40
3105	3795	4415	5035	5660	6280	6900	7475	7935		30
3200	3910	4550	5190	5830	6470	7110	7705	8175		25
3320	4060	4725	5385	6050	6715	7380	7995	8485		20
4050	4870	5585	6275	6940	7575	8190	9150	9750	10350	10

CombineMaster (CHO)

Hexa bead design - for high loads.

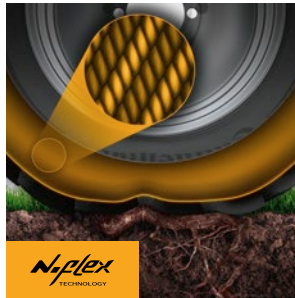


A combine harvester does the work of many hands. But one person is irreplaceable: the farmer. It is the farmer who has to safely steer these heavy machines along in the field. The broad shoulders, long footprint and optimized stability of our CombineMaster tires provide farmers with invaluable support. With every detail developed for reliability and in combination with N.flex and d.fine technology, these tires are the ideal solution when safety and soil protection are at stake.



Hexa bead design

Compact bead designed for high load leads to maximum carcass load capacity



N.flex Technology

Flexibility due to low shrinkage of nylon material leads to low vibrations and high comfort



d.fine lug technology

Smooth linkage between block and base leads to high wear resistance



Agriculture

Size range, specifications and tire load capacities

CombineMaster

Size	Tire		Max Section width (mm)	Overall Diameter (mm)	Continental values		
	LI/SSY	Rims			Loaded Static Radius (mm)	Rolling Circumference (mm)	Speed Radius Index (SRI)
650/75 R 32 CHO	172 A8 (172B)	DW21B DW20B DW23B	636 626 656	1795	794*	5314*	875
680/85 R 32 CHO	179 A8 (179B)	DW21B DW20B	681 671	1955	849*	5812*	925
800/65 R 32	178 A8 (178B)	DW27B , TW27B , DH27B DW25B , TW25B	800 780	1854	818*	5461*	875
800/70 R 32 CHO	181 A8 (181B)	DW27B , DH27B DW25B	770 750	1943	857*	5744*	925

*Calculated values

Italic letters = Preliminary values

For further remarks please see "Explanation of Technical Data Tables"

CombineMaster

Tire Load Capacity (kg) at Tire Inflation Pressure (bar)											Max Speed (km/h)
0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	3.2	3.6	4.0	
	3375	3795	4210	4625	5000	5450	5800	6300			50
	3375	3795	4210	4625	5000	5450	5800	6300			40
	3615	4060	4505	4950	5350	5830	6205	6740			30
	3750	4210	4670	5135	5550	6050	6440	6995			25
	4155	4665	5175	5690	6150	6705	7135	7750			20
4300	4835	5345	5840	6315	6910	7500	8175	8600	9025	9450	10
4885	5570	6260	6945	7630	8250	8995	9570	10395			15 cycl.
5330	6075	6825	7575	8325	9000	9810	10440	11340			10 cycl.
	3980	4470	4960	5450	6000	6500	7100	7750			50
	3980	4470	4960	5450	6000	6500	7100	7750			40
	4255	4780	5305	5830	6420	6955	7595	8295			30
	4415	4960	5505	6050	6660	7215	7880	8605			25
	4895	5495	6100	6705	7380	7995	8735	9535			20
5080	5700	6305	6880	7440	8220	9000	9750	10375	11000	11625	10
5755	6565	7375	8185	8995	9900	10725	11715	12790			15 cycl.
6280	7160	8045	8925	9810	10800	11700	12780	13950			10 cycl.
	4090	4580	5015	5450	5800	6300	6900	7500			50
	4090	4580	5015	5450	5800	6300	6900	7500			40
	4375	4900	5365	5830	6205	6740	7385	8025			30
	4535	5080	5565	6050	6440	6995	7660	8325			25
	5030	5630	6165	6705	7135	7750	8485	9225			20
5250	5885	6500	7020	7520	8110	8700	9450	10050	10650	11250	10
5430	6080	6715	7255	7770	8380	8990	9765	10385	11005	11625	15 cycl.
5955	6670	7370	7955	8525	9195	9860	10710	11390	12070	12750	10 cycl.
	4380	4920	5460	6000	6500	6900	7750	8250			50
	4380	4920	5460	6000	6500	6900	7750	8250			40
	4685	5265	5840	6420	6955	7385	8295	8830			30
	4860	5460	6060	6660	7215	7660	8605	9160			25
	5385	6050	6715	7380	7995	8485	9535	10150			20
5585	6275	6940	7575	8190	8970	9750	10350	11025	11700	12375	10
6335	7225	8120	9010	9900	10725	11385	12790	13615			15 cycl.
6910	7885	8855	9830	10800	11700	12420	13950	14850			10 cycl.

Agriculture

Size range, specifications and tire load capacities

CombineMaster

Size	Tire		Max Section width (mm)	Overall Diameter (mm)	Continental values		
	LI/SSY	Rims			Loaded Static Radius (mm)	Rolling Circumference (mm)	Speed Radius Index (SRI)
900/60 R 32 CHO	181 A8 (181B)	DW28B DW27B DW30B	862 852 882	1917	855*	5696*	925
900/60 R 38 CHO	181 A8 (181B)	DW28B DW27B DW30B	850 840 870	2061	925*	6144*	975

*Calculated values

Italic letters = Preliminary values

For further remarks please see "Explanation of Technical Data Tables"

CombineMaster

Tire Load Capacity (kg) at Tire Inflation Pressure (bar)											Max Speed (km/h)
0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	3.2	3.6	4.0	
	4235	4755	5280	5800	6500	7100	7750	8250			50
	4235	4755	5280	5800	6500	7100	7750	8250			40
	4530	5090	5645	6205	6955	7595	8295	8830			30
	4700	5280	5860	6440	7215	7880	8605	9160			25
	5210	5850	6490	7135	7995	8735	9535	10150			20
5405	6070	6710	7325	7915	8835	9750	10650	11225	11800	12375	10
6125	6985	7845	8710	9570	10725	11715	12790	13615			15 cycl.
6680	7620	8560	9500	10440	11700	12780	13950	14850			10 cycl.
	4600	5165	5735	6300	7100	7500	8250				50
	4600	5165	5735	6300	7100	7500	8250				40
	4920	5530	6135	6740	7595	8025	8830				30
	5105	5735	6365	6995	7880	8325	9160				25
	5655	6355	7050	7750	8735	9225	10150				20
5870	6595	7285	7955	8600	9625	10650	11250	12000	12750		10
6655	7590	8525	9460	10395	11715	12375	13615				15 cycl.
7260	8280	9300	10320	11340	12780	13500	14850				10 cycl.

Mounting and Demounting

The mounting and the dismounting of agricultural tires has to be performed by trained and qualified professionals with appropriate tools and procedures.

With the usage of a pressure limiter it has to be ensured that the tire is not inflated to a pressure which is above the allowed mounting pressure until both beads have reached the correct position on the rim. Only once this is done successfully can the tire be inflated or deflated to the intended inflation pressure.

Not following these instruction and procedures may cause a burst of the tire on the rim. This can lead to a serious injury or even the death of people in the immediate surrounding.

Preparing for tire mounting tire, rim and the tube (if required) have to be compatible.

- 1 Tire, rim and the tube (if required) have to be compatible.
- 2 The tires have to be suitable for the vehicle and the rim has to be approved by the tire manufacturer for this tire size.
- 3 Use always tools which are suitable for this operation.
- 4 The rim has to be cleaned and show no signs of damage. Don't use rims with cracks, deformations or repair weldings.
- 5 Check the inside and the outside of the tire with care to ensure there is no damage, especially the condition of the beads and their rubber surface. If damages to the tire cannot be repaired in a professional manner, the tire has to be scrapped.
- 6 In case of mounting with tube and/or flap use the right size.
- 7 Always use a new valve for a tubeless mounting.
- 8 The rim and the tire beads have to be lubricated with an appropriate lubricant as shown in the sketch. Don't use oil or products which contains silicone.
- 9 The upright way of mounting is the preferred method, because the seating of both beads can be monitored easily.
- 10 To simplify the seating of the beads when mounting tubeless, the valve insert should be out until the tire keeps air.
- 11 During the inflation of the tire a safety distance to the tire has to be ensured (see sketch). In the orange marked hazard zone no people are allowed. It is an express recommendation to use a mounting cage.
- 12 The inflation pressure has to be increased until the correct seating of the beads is reached, but only to a maximum pressure of 250 kPa. If the beads have still not reached their final position, the pressure has to be released, the beads have to be lubricated again and the mounting procedure has to be repeated.



Water Filling

In general, water filling for ballasting is possible with all Continental Agro tires listed in the water filling table. But from technical standpoint there have to be listed some disadvantages that come together with water ballasting:

- › Damping comfort of tires goes down significantly due to the reduced air volume
- › Ability to drive with low inflation pressures and maximum footprint is not possible
- › Flexible ballasting and de-ballasting for specific works is not quickly possible
- › Anti-frost chemicals are needed
- › Water and Anti-Frost-Liquid can push rust on rims (recommended to use tube for water filling)
- › Water ballasting in tires means high load on outer tire radius: high rotational energy means significantly higher stress for tractor brake and axle bearings.
- › Water and anti-frost liquid may destroy sensors placed in the tire or the valve.
- › Complete removal of the water is only possible by demounting the tire

Water Filling

Tire Line	Size	Filling Volume Water* (l)
Tractor 85	280 / 85 R 24	85
	320 / 85 R 24	115
	340 / 85 R 24	145
	380 / 85 R 24	190
	420 / 85 R 24	245
	280 / 85 R 28	95
	320 / 85 R 28	135
	340 / 85 R 28	160
	380 / 85 R 28	210
	420 / 85 R 28	270
	380 / 85 R 30	215
	420 / 85 R 30	270
	460 / 85 R 30	340
	380 / 85 R 34	225
	420 / 85 R 34	310
	460 / 85 R 34	375
	340 / 85 R 38	200
	420 / 85 R 38	325
	460 / 85 R 38	430
	520 / 85 R 38	565
480 / 80 R 42	415	
520 / 85 R 42	555	
480 / 80 R 46	445	
520 / 85 R 46	590	
Tractor 70	320 / 70 R 24	100
	360 / 70 R 24	125
	380 / 70 R 24	155
	420 / 70 R 24	200
	480 / 70 R 24	255
	360 / 70 R 28	140
	380 / 70 R 28	165
	420 / 70 R 28	225
	480 / 70 R 28	295
	420 / 70 R 30	215
	480 / 70 R 30	310
	480 / 70 R 34	345
	520 / 70 R 34	405
	480 / 70 R 38	355
520 / 70 R 38	460	
580 / 70 R 38	575	

*Filling volume water - 75% of tire volume

Water Filling

Tire Line	Size	Filling Volume Water* (l)
TractorMaster	440 / 65 R 24	170
	480 / 65 R 24	215
	540 / 65 R 24	285
	440 / 65 R 28	195
	480 / 65 R 28	235
	540 / 65 R 28	315
	600 / 65 R 28	410
	600 / 70 R 28	465
	540 / 65 R 30	335
	600 / 65 R 30	425
	600 / 70 R 30	490
	710 / 55 R 30	475
	710 / 60 R 30	585
	750 / 55 R 30	560
	540 / 65 R 34	385
	600 / 65 R 34	465
	650 / 65 R 34	590
	540 / 65 R 38	400
	600 / 65 R 38	510
	650 / 65 R 38	620
	650 / 75 R 38	755
	650 / 85 R 38	910
	710 / 70 R 38	865
	800 / 70 R 38	1115
	900 / 60 R 38	1175
	650 / 65 R 42	670
710 / 70 R 42	950	
710 / 75 R 42	1045	
CombineMaster	800 / 65 R 32	850
CombineMaster	650 / 75 R 32 CHO	650
	680 / 85 R 32 CHO	845
	800 / 70 R 32 CHO	940
	800 / 70 R 32 CHO	940
	900 / 60 R 32 CHO	1045
	900 / 60 R 32 CHO	1045
	900 / 60 R 38 CHO	1155
CombineMaster	VF 500 / 85 R 24 CFO	345
	VF 520 / 80 R 26 CFO	355
	VF 620 / 70 R 26 CFO	445
	VF 600 / 65 R 28 CFO	395
	VF 750 / 65 R 26 CFO	670
	VF 500 / 85 R 30 CFO	395
	VF 620 / 70 R 30 CFO	475
	VF 620 / 75 R 30 CFO	560

Handling and Storage



Storage of agricultural tires

For a professional storage the agricultural tires have to be clean, dry and moderately ventilated.

Avoid direct sunlight and keep distance to sources of ozon (electric motors, transformers, welding arc, etc.) and all chemical substances, liquids and organic matters, which could degrade the rubber condition of the tires.

Sharp-edged parts may not be in contact with the tires. Keep distance to flames and other heat sources. The tires and the accessories have to be stored in such a way that they will not become deformed under stress or pressure.

Small tires can be stacked up to 6 pieces horizontally on top of each other. The lugs have to be positioned directly on top of each other. Big tires should be stored individually and can be stabilized with a slightly inflated tube.

Inflation Pressure

“The air volume carries the load.” This is one of the most important statements of tire experts. You always should keep this in mind when you change the air pressure of your tires.

It tells you that the tire dimension and the used inflation pressure are the 2 main factors to carry a certain load for each tire. This means in reality: a bigger tire can carry the same load with less air pressure, a smaller tire needs more air pressure.

Example: 100L at 2 bar can carry the same load as 200L at 1 bar
So saving money by using smaller tires and inflating them up to the max permissible pressure?
Not for Agro tires, because the inflation pressure is roughly the same as the surface pressure in the footprint, which causes harm to soil. So try to use a tire dimension that keeps the footprint compression (= soil compression =inflation pressure) in acceptable dimensions.

Example: An adequately dimensioned Agro tire with low inflation pressure is flexible enough to increase the footprint area for example -25%, if you add 25% more load. The footprint surface pressure stays nearly constant, as the inflation pressure is also nearly constant.
But this only works if the tire has enough capacity to compensate the increasing load by higher deflection, to create a bigger footprint. But the principle works also in the other direction: if the load is low and tire still has enough capacity, you can decrease the inflation pressure.

Example: if you decrease the inflation pressure by 25%, this means the footprint is also increasing by -25%, which means -25% less surface pressure/soil compaction to the ground.
Additional benefits of lower inflation pressure in the field: due to the lower surface pressure, the track depth decreases and the rolling resistance goes down. This means less fuel consumption and more power left for creating traction. And furthermore, the traction can better be transferred to the soil, because with the bigger footprint, more lugs are gripping to the soil.

But talking about all the positive effects of using the lowest possible inflation pressure, we also have to keep in mind that we need to balance the system, so a certain inflation pressure is needed. So here are some points that limit us to always using the lowest air pressure:

- › **Speed:** With increasing speed, the number of flexing and de-flexing cycles per minute of a tire section goes up significantly. This means more stress and more heat generation for the tire. To not reach a harmful level of stress and overheating, with increasing speed the flexing rate of the tire needs to be lowered, which can be reached by lowering the load or by higher inflation pressure. So always ensure that you are below the limitations defined in the compensation table available for each tire in the data sheet.
- › **Tire-Rim-Connection:** The inflation pressure also has the task to hold the bead of the tire on the slight conical bead seating area of the rim. Steeper inclination or dynamic steering forces can drive the bead to jump off and loosen the air pressure suddenly. To prevent this, the tire pressure must be increased for operation on steeper inclination or when high dynamic steering forces can occur.

But not only side forces can harm the bead seating. With increasing pulling torque, the connection between rim and bead can also be lost: tire-to-rim-slippage occurs, with the danger of losing air pressure and/or destroying the rubber layer between rim bead and rim. Again, more inflation pressure is needed to press the bead section to the rim seating and ensuring a proper force distribution between tire and rim.

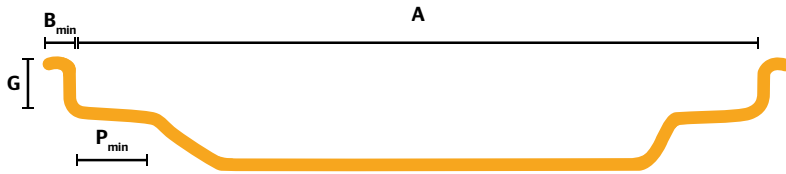
If you're not sure which pressure you need, dimension specific information can be found in the data sheet for each tire size individual. If you are still not sure and need help, get in touch with your local Continental tire dealer or contact directly the Continental sales representative for your Country.

Maintenance and Care

To optimize the lifetime of your Continental Agro tires, some points needs to be considered:

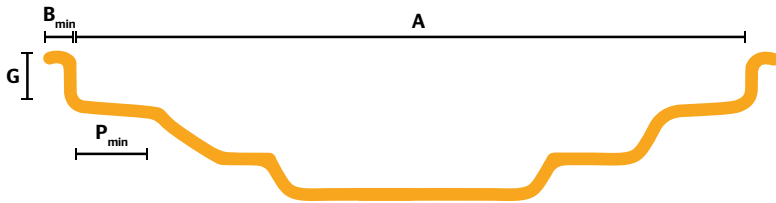
- › Ride the tire always at the right inflation pressure (See recommendations in chapter “The Correct Inflation Air Pressure”). Air pressure that is too low supports rapid wear. If the sidewall deflection is too high, there is the risk of losing the connection between tire and rim. Also the heat generation can go up a lot. Overinflated tires reduce traction and increase wheel slippage and on-road it may support center wear.
- › Keep the tire clean from chemicals like oil, fat or acid pesticides. This chemicals can harm the tire surface directly or can remove aging protection substances from of the tire rubber compounds, which will push early aging of the surface of the tire. So if the tire is contaminated, please clean the tire as soon as possible.
- › If you recognize indications of uneven tread wear, check if the tire pressure is okay. But not only pressure that is too low can cause abnormal wear. Also inflation pressure that is too high can cause center wear.
- › If the tires seem to wear out only on one side, check the correct setting of the steering geometry. But keep in mind: due to the round shape of the roads, the steering continuously works against the gravity forces to hold the tractor on the correct curve. So uneven wear is sometimes also a result of the road and load conditions.

W-Contour



Rim Type	Rim Contour	Specified Width A [mm]	Flange Height G [mm]	Flange Width Bmin [mm]	Bead Seat Width Pmin [mm]
W-Contour	W6	152,5	22,5	10	23,5
	W7	178			
	W8	203			
	W8L	203			
	W9	228,5	25,5	11,5	27
	W10	254			
	W10L	254			
	W11	279,5			
	W12	305			
	W13	330			
	W14L	355,5			
	W15L	381			
	W16L	406,5			
	W18L	457			
					33

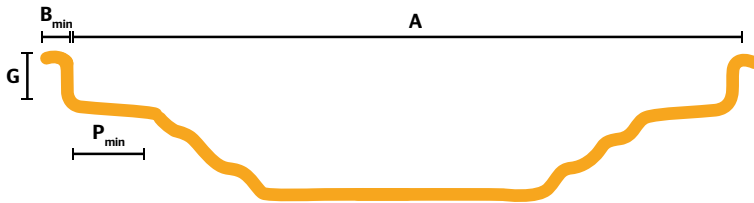
DW-Contour



Rim Type	Rim Contour	Specified Width A [mm]	Flange Height G [mm]	Flange Width Bmin [mm]	Bead Seat Width Pmin [mm]
DW-Contour*	DW10	254	25,5	11,5	27
	DW11	279,5			
	DW12	305			
	DW13	330			
	DW13L	330		16	36,5
	DW14L	355,5			
	DW15L	381			
	DW16L	406,5			
	DW18L	457	29	21	50,5
	DW20B	508			
	DW21B	533,5			
	DW23B	584			
	DW24B	609,5			
	DW25B	635			
	DW27B	686			
	DW28B	711			
	DW30B	762			
	DW31B	787,5			
DW36B	914,5				
DW44B	1118				

*DW-B rims replace DW-A rims and can be used with full interchangeability. (ETRTO)

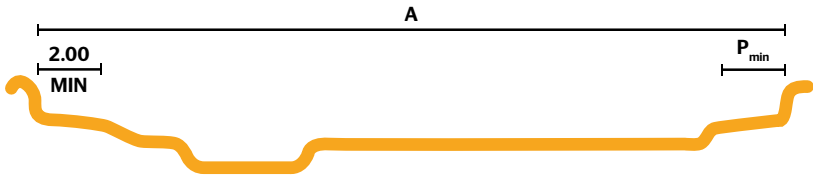
TW-Contour



Rim Type	Rim Contour	Specified Width A [mm]	Flange Height G [mm]	Flange Width Bmin [mm]	Bead Seat Width Pmin [mm]
TW-Contour*	TW13	330	25,5	11,5	27
	TW14L	355,5			36,5
	TW15L	381		16	50,5
	TW16L	406,5			
	TW18L	457			
	TW20B	508	29	21	
	TW21B	533,5			
	TW23B	584			
	TW24B	609,5			
	TW25B	635			
	TW27B	686			
	TW28B	711			
	TW30B	762			
	TW31B	787,5			
	TW36B	914,5			
TW44B	1118				

*Wherever DW rims are specified, the optional TW contour is also allowed. (ETRTO)

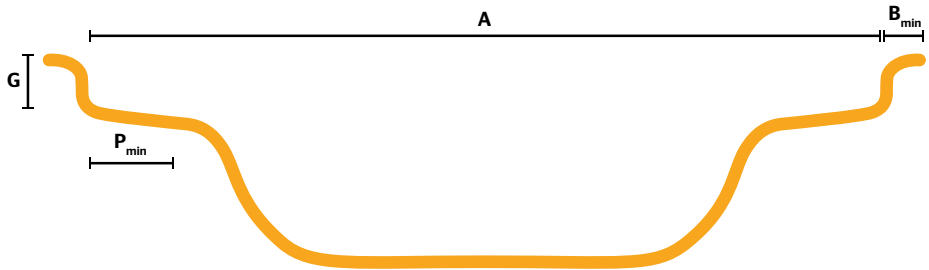
MW-Contour



Rim Type	Rim Contour	Specified Width A [mm]	Flange Height G [mm]	Flange Width B _{min} [mm]	Bead Seat Width P _{min} [mm]
MW-Contour**	MW20B	508	28,7	21,1	50,8
	MW23B	584			
	MW25B	635			
	MW27B	686			
	MW28B	711			
	MW30B	762			

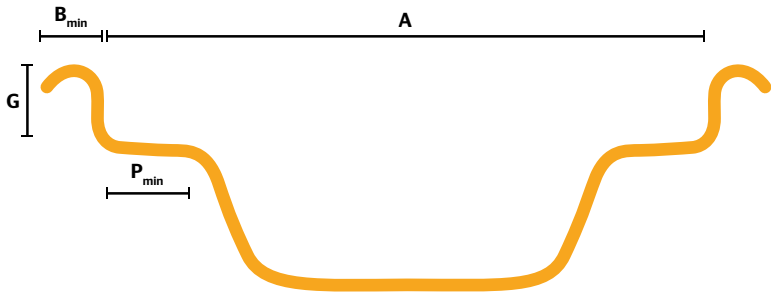
** (Tire and rim)

DD-Contour



Rim Type	Rim Contour	Specified Width A [mm]	Flange Height G [mm]	Flange Width Bmin [mm]	Bead Seat Width Pmin [mm]
DD-Contour 5° Drop-Center	DD15L	381	25,5	16	36,5
	DD16L	406.5			50,5
	DD18L	457			

DH-Contour

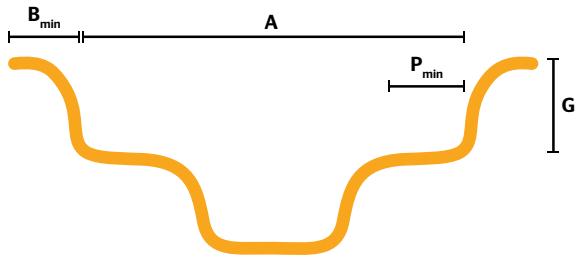


Rim-Type	Rim Contour	Specified Width A [mm]	Flange Height G [mm]	Flange Width Bmin [mm]	Bead Seat Width Pmin [mm]
DH-Contour	DH21**	533,5	28,7	15,7	53,8
	DH21H**				59,7
	DH21B**			21,1	53,9
	DH21HB**				59,7
	DH44H**	1117,5		15,7	59,7
	DH44B**				21,1
	DH44HB**			59,7	
	DH27B	686		29	21,1
DHB-Contour*	DHB27	686	29	21	54

*DHB rim replace DH rim and can be used with full interchangeability. (ETRTO)

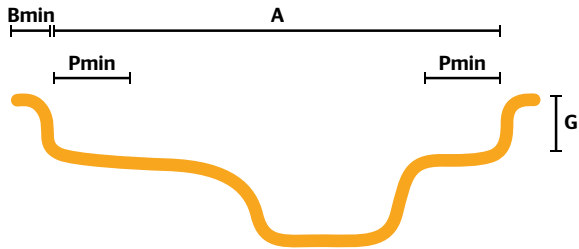
** (Tire and rim)

5° Drop-Center Symmetric



Rim-Type	Rim Contour	Specified Width A [mm]	Flange Height G [mm]	Flange Width Bmin [mm]	Bead Seat Width Pmin [mm]
5° Drop-Center Symmetric	4.00E	101,5	20	12,5	18
	4.50E	114,5			
	5JA	127	16	8,5	17,5
	5.00F	127	22,5	13	23,5
	5.50F	139,5			
	6.00F	152,5			
	6LB	152,5	22	10	25
	7.00I	178	16		23
	7JA	178		8,5	17,5

5° Drop-Center Asymmetric

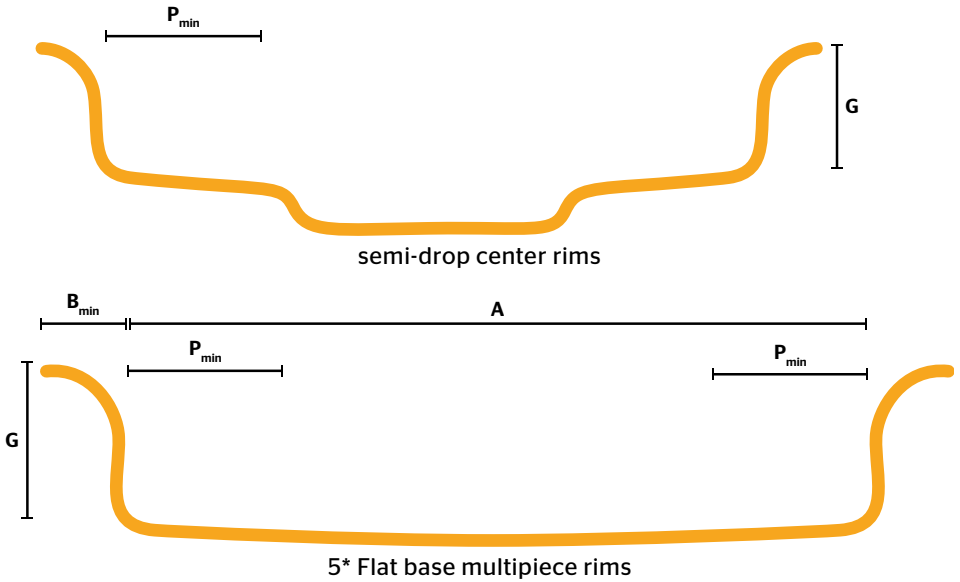


Rim-Type	Rim Contour	Specified Width A [mm]	Flange Height G [mm]	Flange Width Bmin [mm]	Bead Seat Width Pmin [mm]
5° Drop-Center Asymmetric	9	228,5	25,5	10	27
	9.00	228,5	19	12	25
	11	279,5	25,5	10	31,5
	12	305		12	
	13	330			47
	13.0	330	19	30	
	14	355,5	25,5	31,5	
	16.00	406,5	19	30	

*DHB rim replaces DH rim and can be used with full interchangeability. (ETRTO)

** (Tire and Rim)

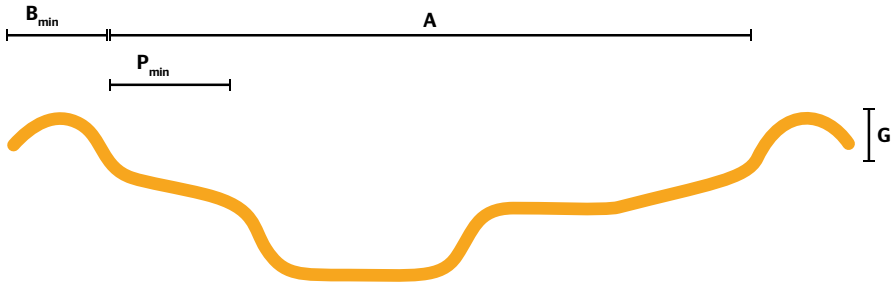
5° Semi-Drop-Center (SDC)



Rim-Type	Rim Contour	Specified Width A [mm]	Flange Height G [mm]	Flange Width Bmin [mm]	Bead Seat Width Pmin [mm]
5° Semi-Drop-Center (SDC)	8.00 TG	203	35,5	17,5	47
	9	228,5	25,5	14	27
	10.00 VA	254	43	25,5	59
	10.00 WA	254	51	28	46
	11	279,5	25,5	14	50
	12	305			
	13	330			
	16	406,5	35,5	23	59,7
	16.00 T	406,5			
	36.00 VA**	914,5	43,2	24,6	59,7
5° Full-Tapered	36.00 TH**	914,5	38,1	27,9	59,7
5° Flat-Base Multipiece	44 DWM**	1117,5	28,7	15,8	59,7

** (Tire and Rim)

AG-Contour 15° Drop-Center



Rim-Type	Rim Contour	Specified Width A [mm]	Flange Height G [mm]	Flange Width Bmin [mm]	Bead Seat Width Pmin [mm]
AG-Contour 15° Drop-Center	AG 6.75	171,5	12,7	14-17	34
	AG 7.50	190,5		19-29	
	AG 8.00	203,5		14-17	
	AG 8.25	209,5		18-27	
	AG 9.75	247,5			
	AG 11.75	298,5			
	AG 13.00	330			
	AG 14.00	355,5		19-29	
	AG 16.00	406,5			
	AG 18.00	457			
	AG 20.00	508			
	AG 22.00	559			
	AG 24.00	609,5			
	AG 26.00	660,5			
AG 28.00	711	44			

**(Tire and rim)

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