Continental
The Future in Motion

Agricultural Tires

Technical Databook

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. In 2019, the superior tires become part of the portfolio by launching the VF TractorMaster, VF TractorMaster Hybrid and VF CombineMaster. The newest kids on the block are CompactMaster AG and CompactMaster EM for specialized vehicles since 2021. 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 Tractor-Master	VF Tractor-Master 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/Aspahlt/Gravel with low Field Cycle Usage	+++	+++	++++	++++	+++++
Road Transport Concrete/Aspahlt/Gravel with higher Field Cycle Usage, light and dry Soil Types	+++	+++	+++++	+++++	+++++
Road Transport Concrete/Aspahlt/Gravel with higher Field Cycle Usage, up to wet mixed Soil Types	++	++	+++++	+++++	++++
Road Transport Concrete/Aspahlt/Gravel mixed with high Field percentage on heavy sticky Soil	++	+++	++++	+++++	+++
Municipal Work	++	+++	+++	++	+++++

Size Overview

VF TractorMaster Hybrid
VF 600/70 R 30 NRO
VF 710/70 R 42

VF TractorMaster
VF 540/65 R 30 NRO
VF 600/60 R 30 NRO
VF 600/70 R 30 NRO
VF 420/85 R 34
VF 650/60 R 34 NRO
VF 650/65 R 34 NRO
VF 710/60 R 34
VF 650/60 R 38 NRO
VF 650/65 R 42 NRO
VF 710/60 R 42 NRO
VF 710/70 R 42
VF 710/75 R 42
VF 900/60 R 42 NRO
VF 750/70 R 44
VF 480/80 R 50

TractorMaster
420/65 R 20
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
600/70 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
620/70 R 42
650/65 R 42
710/70 R 42
710/75 R 42

Tractor 85
320/85 R 20
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
420/90 R 30
460/85 R 30
380/85 R 34
420/85 R 34
420/85 R 34
460/85 R 34
340/85 R 38
380/80 R 38
420/85 R 38
460/85 R 38
480/80 R 38
520/85 R 38
480/80 R 42
520/85 R 42
480/80 R 46
520/85 R 46
480/80 R 50

Tractor 70
280/70 R 20
300/70 R 20
320/70 R 20
360/70 R 20
380/70 R 20
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

VF CombineMaster
VF 500/85 R 24 CFO
VF 620/70 R 26 CFO
VF 750/65 R 26 CFO
VF 600/65 R 28 CFO NRO
VF 500/85 R 30 CFO

CombineMaster
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
460/70 R 24 IND
500/70 R 24 IND

CompactMaster EM
460/70 R 24 IND
500/70 R 24 IND

MPT 81
315/55 R 16 MPT
275/80 R 20 MPT
335/80 R 20 MPT
365/80 R 20 MPT

70E
365/70 R 18
335/80 R 20
365/80 R 20
405/70 R 20

MPT 70E
325/70 R 18 MPT

Conversion Table

SRI	Rim Code	Inch Size Code	85% Tires	80% Tires	75% Tires	70% Tires	65% Tires	60% Tires	55% Tires
450	20	-				280/70 R 20			
						300/70 R 20			
						320/70 R 20			
475	20	-				360/70 R 20			
500	20	12.4R20	320/85 R 20			380/70 R 20	420/65 R20		
525	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		
						380/70 R 24			
575	24	13.6 R 24	340/85 R 24		380/75 R 24	420/70 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			460/70 R 24	480/65 R 24		
			480/65 R24			480/70 R 24	500/65 R 24		
	28	12.4 R 28	320/85 R 28			360/70 R 28	420/65 R 28		
						380/70 R 28			
625	24	16.9 R 24	420/85 R 24			500/70 R 24	540/65 R 24		
	28	13.6 R 28	340/85 R 28			420/70 R28	440/65 R 28	480/60 R 28	
650	28	14.9 R 28	380/85 R 28		420/75 R 28	480/70 R 28	480/65 R 28	520/60 R 28	
	30	-				420/70 R 30			
675	28	16.9 R 28	420/85 R 28		480/75 R 28	500/70 R 28	540/65 R 28	600/60 R 28	
	30	14.9 R 30	380/85 R 30			480/70 R 30			
700	24	-	500/85 R 24						
	28	18.4 R 28					600/65 R 28		
	30	16.9 R 30	420/85 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	600/65 R 30		710/55 R 30
	34	14.9 R 34	380/85 R 34						
750	30	21L R 30				600/70 R 30			750/55 R 30
	34	16.9 R 34	420/85 R 34		480/75 R 34	480/70 R 34	540/65 R 34	600/60 R 34	
						500/70 R 34			
	38	13.6 R 38	340/85 R 38	380/80 R 38	400/75 R 38				
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	600/65 R 34	650/60 R 34	710/55 R 34
						540/70 R 34			
800	30	-			620/75 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	34	20.8 R 34			650/75 R 30		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	
850	32	-			650/75 R 32				
	38	-				580/70 R 38			

Conversion Table

SRI	Rim Code	Inch Size Code	85% Tires	80% Tires	75% Tires	70% Tires	65% Tires	60% Tires	55% Tires
875	32	24.5 R 32 30.5L R 32			680/75 R 32		**800/65 R 32**		900/55 R 32
					710/75 R 32				
	34	-		580/80 R 34	650/75 R 34		750/65 R 34		
	38	20.8 R 38	**520/85 R 38**			600/70 R 38	**650/65 R 38**	710/60 R 38	
						620/70 R 38			
	42	18.4 R 42		**480/80 R 42**			600/65 R 42		
900	32	-				**800/70 R 32**		**900/60 R 32**	
925	32	-	**680/85 R 32**						1000/55 R 32
	34	-			710/75 R 34				
	38	-			**650/75 R 38**	**710/70 R 38**	750/65 R 38		
	42	20.8 R 42	**520/85 R 42**			580/70 R 42	**650/65 R 42**	**710/60 R 42**	
						620/70 R 42			
	46	-		**480/80 R 46**	520/75 R 46				
975	38	-	**650/85 R 38**		710/75 R 38	**800/70 R 38**		**900/60 R 38**	
	42	-	580/85 R 42		650/75 R 42	**710/70 R 42**		750/60 R 42	
	46	-	**520/85 R 46**		580/75 R 46	620/70 R 46	650/65 R 46		800/55 R 46
	50	-		**480/80 R 50**					
1000	42	-			**710/75 R 42**				
1025	38		710/85 R 38						
	42	-	650/85 R 42			800/70 R 42	800/65 R 42	**900/60 R 42**	
	44	-				**750/70 R 44**			

Dimensions in yellow: Continental tire range

This table is based on the SRI (Speed Radius Index).

The base of this table is the SRI (Speed Radius Index). The SRI is inside the European Union by convention a parameter of the theoretical speed of vehicles for a possible interchange of different tire sizes.

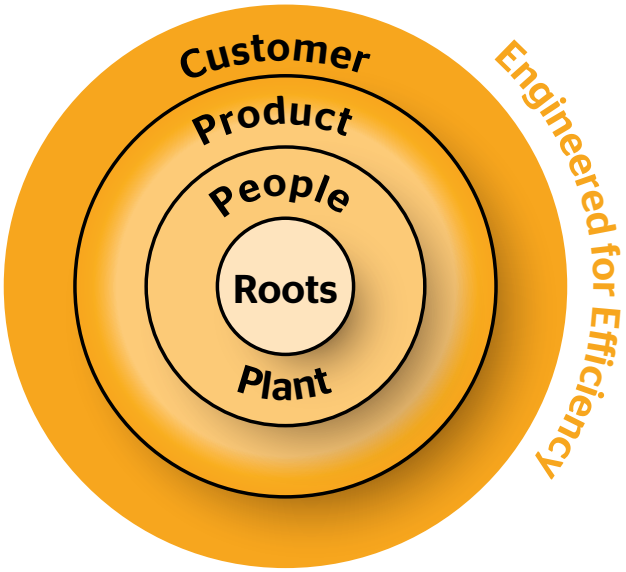
The SRI is not corresponding with the rolling circumference and not guarantee for practical using. In case of changeing the tire size, it's very importent to check the compatibility of rime parameters and also measurements, technical parameters and regulations of the vehicle producer for individual use.


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 150 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
- Pemium test center

Key features of products

- Bead technology
- N.flex technology
- d.fine technology
- VF technology
- Steel Belt technology
- Turtle Shield technology

Benefits for customers

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

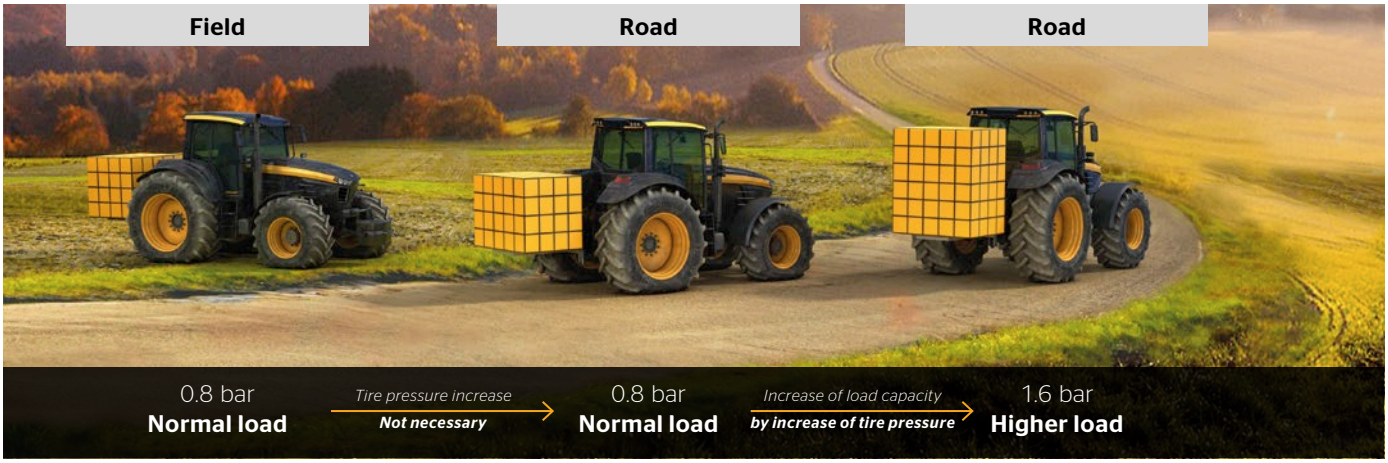
Technology that's ahead of the field.

VF technology

Agricultural tires have to be all-rounders that deliver top performance on various soils and when carrying differing loads at varying speeds. Our VF technology (very high flexion technology) enables tires to do precisely that – and be gentle on the soil thanks to their broader footprint.

All this is possible thanks to an optimized size ratio between apex and bead that improves the tire deflection and reduces the compression on the outer surface of the rubber. The broader belt and shoulder area also optimize the distribution of forces to make the tires highly durable. The benefits are huge: VF tires provide enhanced efficiency when switching between road and field, and can carry approx. 40% higher load than standard tires at the same tire pressure, or the same load at around 40% lower tire pressure.

VF technology tires



Standard tires

Significant VF details for stronger results all around.

1 **Belt geometry**
The broader and stronger belt and more robust shoulder area enhance the sturdiness and durability of a VF tire.

2 **Bead geometry**
The optimized bead geometry improves the bead area and sidewall deflection.

3 **N.flex technology**
The N.flex technology's nylon material gives the bead area and sidewall their flexibility.

d.fine 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. A large surface area and additional special touches make the high performance and extremely robust tires adaptable to each specific location.

1 **Deep lug overlap**
- Benefits on the road: Comfortable drive, less vibration

2 **5% more lug surface compared to standard tires**
- Benefits in the field: High traction
- Benefits on the road: Better mileage

3 **Smooth linkage between block and base**
Benefits:
- Stress resistant, damage resistant
- Optimum self-cleaning
- Traction

4 **Sturdy blocks**
- Benefits in the field: Stability

d.fine is available in all advanced and superior tire lines

A strong pair of shoulders.

N.flex 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 – for tires that never tire

Smooth roads, rocky lanes, muddy fields – with our new N.flex nylon technology, our tires can take one hell of a beating. At our high-tech plant in Lousado, we've developed a new type of nylon carcass that makes our tires more robust and round. Faced with rocky lanes and fields, they roll with the punches and absorb the impact by spreading it over a large area. But just like a farmer, nothing and no-one will bend them: they take their knocks and then quickly bounce back to their usual round shape for a smooth, comfortable ride.

After a gruelling day in the heat, our tires are ready for long drives and hard work the next morning: they retain their uniform shape for a comfortable ride with virtually no flat spots.

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 for the rear axle tires on combine harvesters during all-wheel-drive.

- 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.

The bead – where our world meets yours

Right from the word go, tractor tires are put through a test of strength and durability. Huge forces are applied to the bead when it is stretched over the rim, and it needs to snap right back into its original shape. This moment of truth is the next step in a partnership between our passion for engineering and the farmer's drive to harness the power of nature.

We leave nothing to chance during this crucial moment: each bead is made from a single piece of steel wire, and the hard-rubber rim strip covers the whole bead for easier mounting and enhanced durability. Our hexa bead technology is specially adapted for the front wheels of combine harvesters. With unmatched robustness and a constant shape, every Continental tire rolls as smoothly along the road as it did off the production line.

The technologies at the heart of our stable, robust tires.

Innovative technologies embrace every part of our tires, extending its life and making your investment go further. Whether on the road or in the field, they will enable you to work for longer in safety and comfort.

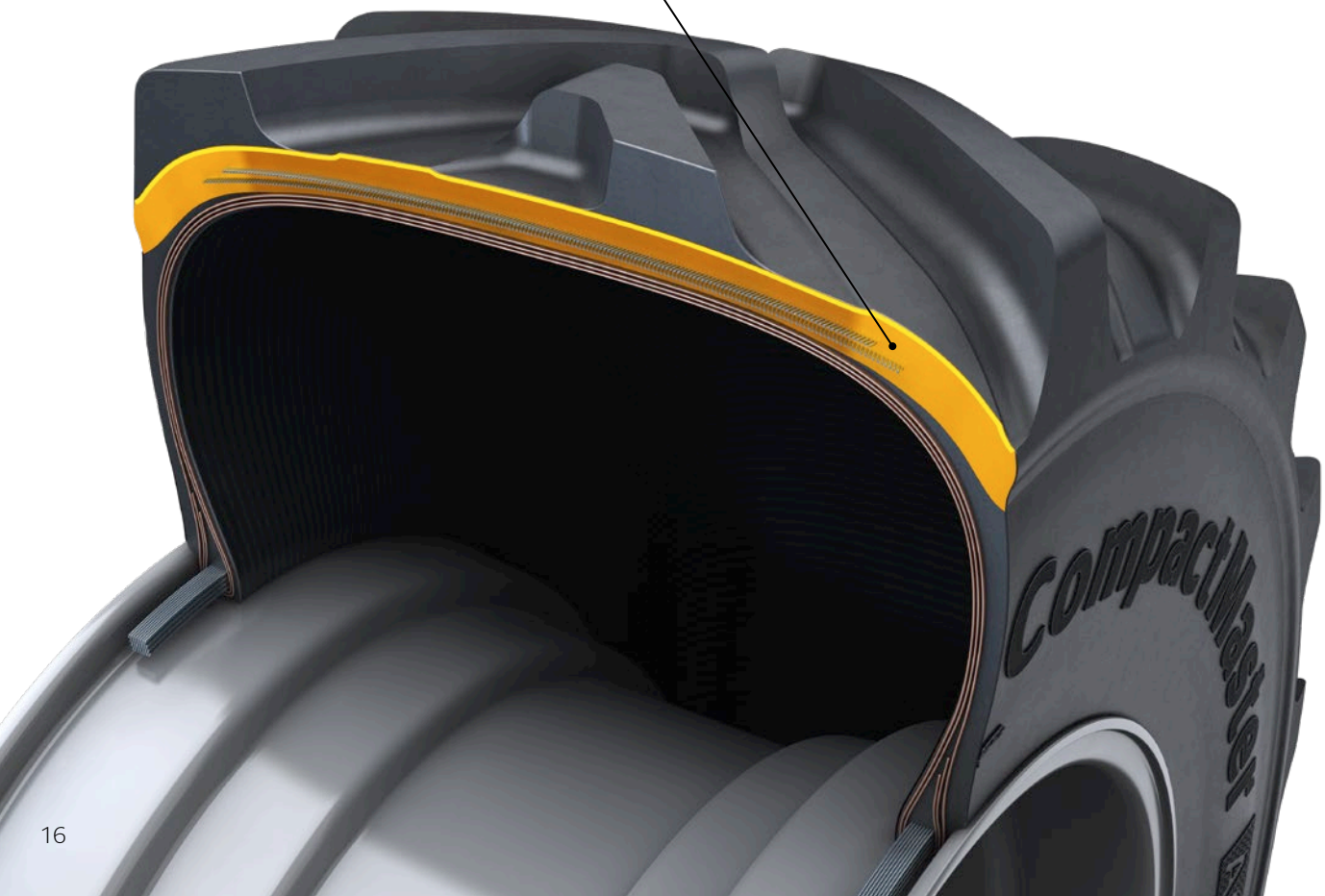
TURTLE SHIELD
TECHNOLOGY

Turtle Shield – deflects sharp objects, protects the carcass

Inspired by nature, the Turtle Shield base tread line mimics the shape of a turtle's shell, making the shoulder area extremely robust by deflecting foreign objects before they can do any damage. The unique shape offers additional protection by ensuring that the rubber over the carcass is reinforced and tough.

Turtle Shield

- Increases robustness of tires
- Thick rubber and wide tread deflect objects from shoulder area
- Inspired by nature: turtle-shell shape deflects debris



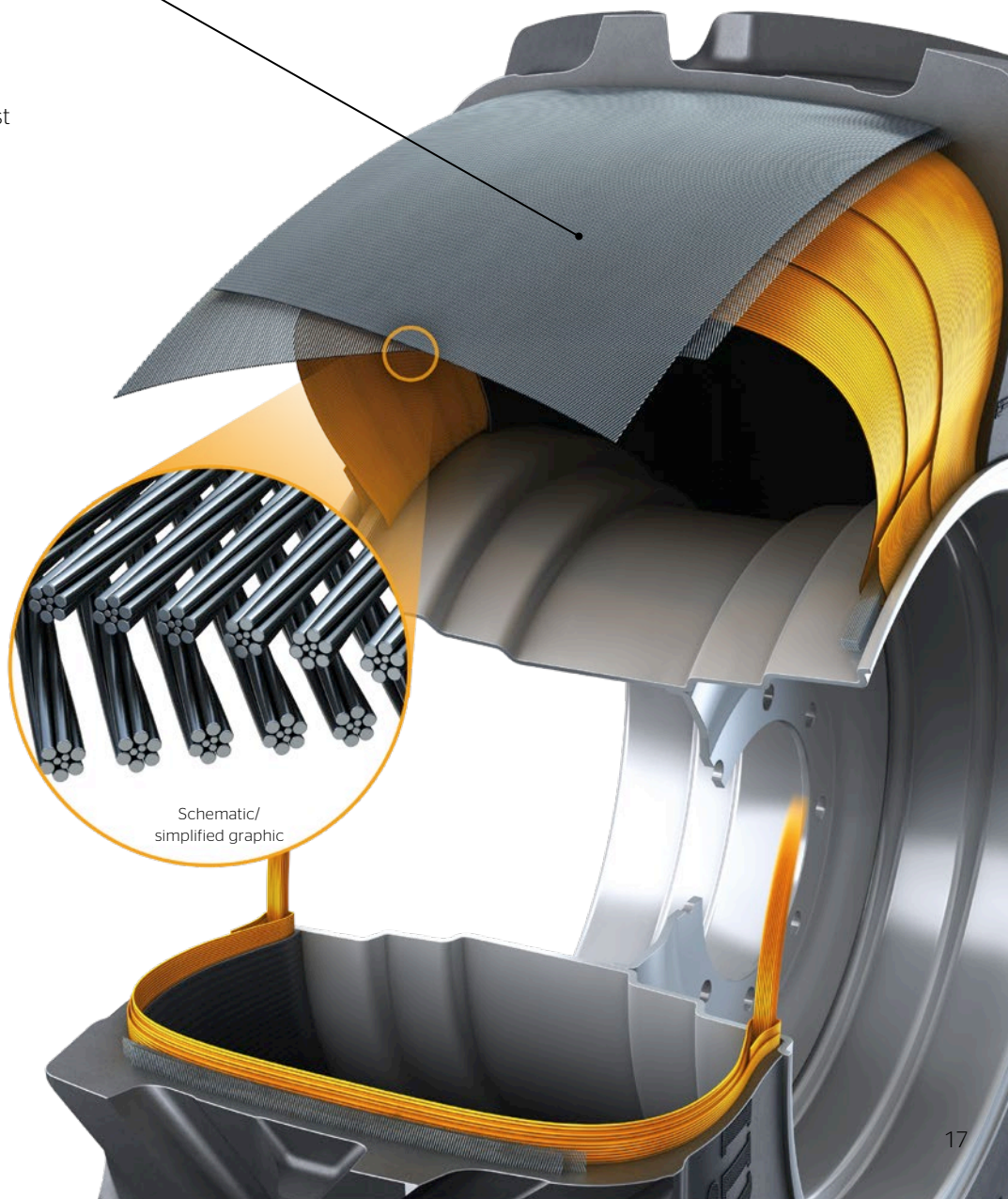
STEEL BELT
TECHNOLOGY

Twisted Steel Cords – tough and tensile

Two belt layers made of twisted steel cords provide high lateral stiffness for excellent tilting stability and exceptional protection of the central area of the tire – ideal for applications that involve reaching, picking and moving heavy loads. The open cord structure ensures that the entire surface of the steel is covered in rubber to protect against corrosion.

Steel Belt

- Protects central area against penetration and cuts from debris
- Crossed-steel layers, specifically designed for each tire size
- High tensile cords with a unique twist can withstand greater elongation, for increased robustness



Schematic/
simplified graphic

ContiConnect
New Sensor & On-Site App
Maintaining full fleet control at any time and any place.*

Ensuring efficient performance of your fleet requires smooth and reliable vehicle operations. By applying ContiConnect you are not only able to digitally manage your tire but you will always stay up-to-date on your fleet's tire condition. It will minimize your maintenance cost and fuel consumption, while maximizing uptime, tire lifetime as well as the overall efficiency and safety of your fleet.

In addition to the newest sensor generation of ContiConnect, Continental also introduces the newly developed On-Site app. With only a few finger taps, you can receive all important data about your fleet's tire condition on your smart device.

* Analysis of the total fleet statistics are not possible in the app version.

Transforming the unexpectable into certainty with unseen features.

Monitor from any place with the new On-Site App.

Connect from your pocket to your fleet with your **iOS** or **Android** mobile device.

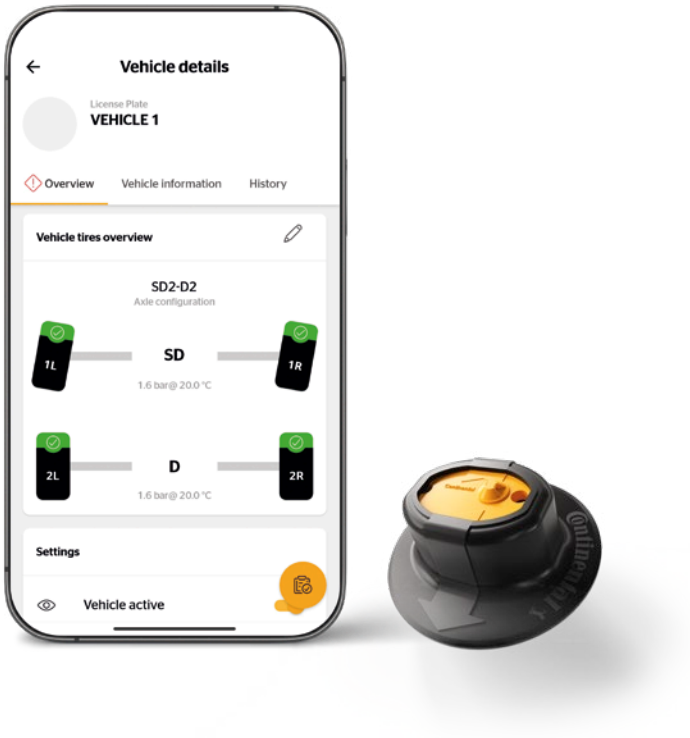
Receive more data for better planning.

Be up to date on all tire data, including **tire pressure** and **temperature**, as well as sensor battery status.

Access information directly due to Bluetooth Connection.

Enjoy **wireless communication** and **auto-activation** with a battery lifetime of 4 years.

Discover all possibilities of the On-Site App.



Exceptional compatibility
You decide whether you connect fleet maintenance with your tablet or your smartphone. The On-Site App works with both iOS and Android.

Up-to-date 24/7
Always stay in control and never miss important data.

Smart data connection
Save time by reading out sensor data digitally via Bluetooth and immediately transmitting it to the ContiConnect IoT platform.

Hands-on fleet overview
Create, configure and manage your fleet's vehicles with ease to exploit even more potential in reducing costs and increasing lifetime.

Comfortable check-ups
Speed up your vehicle and tire checks while gaining more data-based certainty in your decisions about tire inspection.

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

LI	kg	lbs	LI	kg	lbs	LI	kg	lbs	LI	kg	lbs	LI	kg	lbs
101	825	1,820	121	1,450	3,200	141	2,575	5,680	161	4,625	10,200	181	8,250	18,200
102	850	1,870	122	1,500	3,300	142	2,650	5,840	162	4,750	10,500	182	8,500	18,700
103	875	1,930	123	1,550	3,420	143	2,725	6,000	163	4,875	10,700	183	8,750	19,300
104	900	1,980	124	1,600	3,520	144	2,800	6,150	164	5,000	11,000	184	9,000	19,800
105	925	2,040	125	1,650	3,640	145	2,900	6,400	165	5,150	11,400	185	9,250	20,400
106	950	2,090	126	1,700	3,740	146	3,000	6,600	166	5,300	11,700	186	9,500	20,900
107	975	2,150	127	1,750	3,860	147	3,075	6,800	167	5,450	12,000	187	9,750	21,500
108	1,000	2,200	128	1,800	3,960	148	3,150	6,950	168	5,600	12,300	188	10,000	22,000
109	1,030	2,270	129	1,850	4,080	149	3,250	7,150	169	5,800	12,800	189	10,300	22,700
110	1,060	2,340	130	1,900	4,180	150	3,350	7,400	170	6,000	13,200	190	10,600	23,400
111	1,090	2,400	131	1,950	4,300	151	3,450	7,600	171	6,150	13,600	191	10,900	24,000
112	1,120	2,470	132	2,000	4,400	152	3,550	7,850	172	6,300	13,900	192	11,200	24,700
113	1,150	2,540	133	2,060	4,540	153	3,650	8,050	173	6,500	14,300	193	11,500	25,400
114	1,180	2,600	134	2,120	4,680	154	3,750	8,250	174	6,700	14,800	194	11,800	26,000
115	1,215	2,680	135	2,180	4,800	155	3,875	8,550	175	6,900	15,200	195	12,150	26,800
116	1,250	2,760	136	2,240	4,940	156	4,000	8,800	176	7,100	15,700	196	12,500	27,600
117	1,285	2,830	137	2,300	5,080	157	4,125	9,100	177	7,300	16,100	197	12,850	28,300
118	1,320	2,910	138	2,360	5,200	158	4,250	9,350	178	7,500	16,500	198	13,200	29,100
119	1,360	3,000	139	2,430	5,360	159	4,375	9,650	179	7,750	17,100	199	13,600	30,000
120	1,400	3,080	140	2,500	5,520	160	4,500	9,900	180	8,000	17,600	200	14,000	30,900

Speed Index

Speed symbol	A1	A2	A3	A4	A5	A6	A7	A8	B	C	D	E	F	G	J
Speed (km/h)	5	10	15	20	20	30	35	40	50	60	65	70	80	90	100
Speed (mph)	3	6	9	12	16	19	22	25	31	35	40	44	50	56	62

Pressure conversion table

psi	6	9	12	15	17	20	23	26	29	35	41	46	52	58	64	65	70	73	80	87
kPa	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440	450	480	500	550	600
bar	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.5	4.8	5.0	5.5	6.0

Metric unit		Imperial unit	
1 millimeter (mm)	= 0.03937 inches	1 inch (")	= 25.4 millimeters
1 meter (m)	= 1.09361 yards	1 yard	= 0.9144 meters
1 kilometer (km)	= 0.62137 miles	1 mile (mi)	= 1.609344 kilometers
1 liter (l)	= 0.21997 gallons (UK)	1 gallon (UK)	= 4.5461 litres
1 liter (l)	= 0.26417 gallons (USA)	1 gallon (USA)	= 3.7854 litres
1 gram (g)	= 0.035274 ounces	1 ounce (oz)	= 28.34952 grams
1 kilogram (kg)	= 2.205 pounds	1 pound (lb)	= 0.45359 kilograms

Metric unit		Imperial unit	
1 kilometer per hour (km/h)	= 0.62137 miles per hour	1 mile per hour (mph)	= 1.609344 kilometers per hour
1 kilopascal (kPa)	= 0.145 pounds per square inch	1 pound per square inch (psi)	= 6.895 kilopascal
1 bar	= 100 kilopascal	1 kilopascal (kPa)	= 0.01 bar
1 kilowatt (kW)	= 1.34 horsepower	1 horsepower (HP)	= 0.746 kilowatts
1 Newton meter (Nm)	= 0.113 inch pound	1 inch pound (in-lb)	= 8.85 Newton meter

Tire pressure information

All tires

Intensive road and /or front-loader use:
Inflation pressure to be increased by 0.4 bar.

Field application with high sustained torque:
Inflation pressure min. 0.8 bar with limited load and 30 km/h.

Dual use:
The table load for the individual tire must be reduced by 12%.

Triple use:
The table load for the individual tire must be reduced by 18%.

Tire pressure of 0.4 bar and 0.6 bar:
Only for applications with low torque and load capacity.

Vehicle specific restrictions:
Please follow the specifications provided by the vehicle manufacturer.

Special operations:
For any special operations contact your Continental sales representative.

VF TractorMaster
TractorMaster
Tractor70
Tractor85

Hillside use:
Inflation pressure must be increased by 0.4 bar.

VF CombineMaster
CombineMaster

Hillside use:
The values are valid for an inclination up to max. 11° (20%). For higher inclinations contact your Continental sales representative.

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

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 inflations 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
R - 1	Agricultural tractor drive wheel tires: Regular tread
R - 1 W	Agricultural tractor drive wheel tires: Regular tread
R - 2	Agricultural tractor drive wheel tires: Cane and rice service (deep tread)
R - 3	Agricultural tractor drive wheel tires: Flotation service (Shallow tread)
R - 4	Drive wheel tires: Industrial service (construction application)
F - 1	Agricultural tractor steering wheel tires: Single rib tread
F - 2	Agricultural tractor steering wheel tires: Multiple rib tread
F - 3	Steering wheel tires: Industrial service (construction application)

Code	Application and tread type
I - 1	Agricultural Implement tires: Multi-rib tread
I - 2	Agricultural Implement tires: Moderate traction service
I - 3	Agricultural Implement tires: Traction tread
I - 4	Agricultural Implement tires: Plough tail wheel service
I - 5	Agricultural Implement tires: Steering service
I - 6	Agricultural Implement tires: Smooth tread
G - 1	Garden tractor tires (implement tires): Traction service
G - 2	Garden tractor tires (implement tires): Flotation traction service
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.

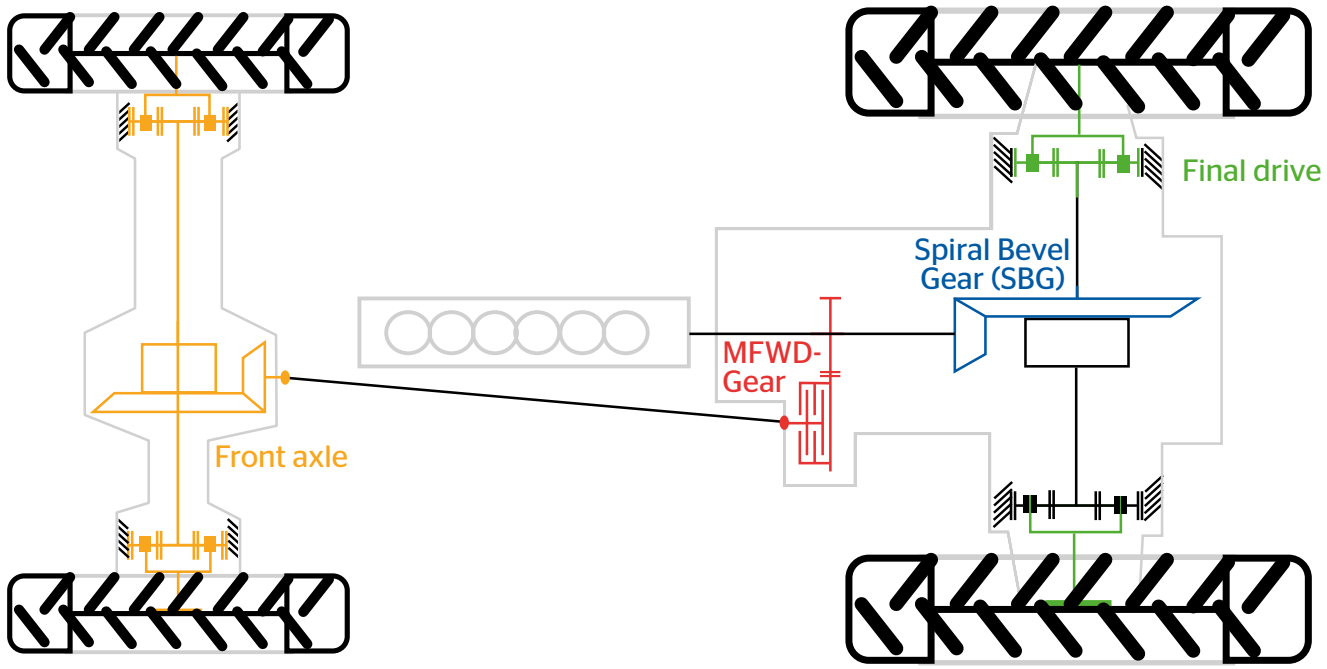
Negative lead would mean the rear axle pushes the vehicle against the slower moving front axle; the vehicle is no longer running perfectly straight, bad driving behavior is the result. So negative lead is not acceptable.

- 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 cambinations, 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.

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


CompactMaster
B

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.

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 rimsand 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.

Explanation of Technical Data Tables

VF TractorMaster Hybrid

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

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.

VF TractorMaster

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

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.

VF CombineMaster CFO

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

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.

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.

CompactMaster AG

DW-B rims replace DW-A rimsand 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.

Cyclic application ➔ Max. one way driving distance 600 m.

Intensive road use ➔ Inflation pressure to be increased by 0,4 bar.

Hillside use ➔ Inflation pressure to be increased by 0,4 bar.

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

Special operations ➔ For any special operations contact your Continental-Specialist.

CompactMaster EM

DW-B rims replace DW-A rimsand 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.

Cyclic application ➔ Max. one way driving distance 600 m.

Intensive road use ➔ Inflation pressure to be increased by 0,4 bar.

Hillside use ➔ Inflation pressure to be increased by 0,4 bar.

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

Special operations ➔ For any special operations contact your Continental-Specialist.

Tractor85
Extreme robustness and comfort

- Driving stability on streets
- Flexible carcass for high driving comfort
- High damping and reduced flat spots
- Strong and robust due to bead technology

Application

- The true all-rounder for street and field applications

N.flex Technology

Flexibility of nylon carcass ensures better damping in all applications

Low-shrinkage nylon reduces flat spots for a more comfortable ride

Innovative Bead Design

Bead core made of a single piece of steel for better bead endurance and better mountability


TRACTOR 85
420/85 R 38
Continental
Continental
TRACTOR 85
340/85 R 28

Tractor85

85% Standard Tire

Tire size LI/SSY	Rim width	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed Radius Index	Tire load capacity (kg) at tire pressure (bar) 0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	Speed (km/h)
20 inch																
320/85 R 20 119A8/119B	**9** 10 11	**312** 322 332	1046	462*	3093*	500		995	1100	1195	1280	1360				50
							885	995	1100	1195	1280	1360				40
							945	1060	1180	1280	1370	1455				30
							980	1100	1225	1330	1420	1510				25
							1085	1220	1355	1470	1570	1675				20
							1315	1460	1605	1730	1830	1920	2040			10
24 inch							**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	**2.4**	**2.8**	
280/85 R 24 115A8/112B	**10** 9	**297** 287	1087	489*	3241*	525		805	895	975	1040	1120				50
							790	885	985	1070	1140	1215				40
							845	950	1055	1145	1220	1300				30
							875	985	1090	1185	1270	1350				25
							970	1090	1210	1315	1405	1495				20
							1075	1210	1340	1460	1555	1655	1825			10
320/85 R 24 122A8/119B	**11** 9 10	**338** 318 328	1157	516*	3435*	550		995	1105	1200	1285	1360				50
							975	1095	1215	1320	1410	1500				40
							1045	1170	1300	1410	1510	1605				30
							1080	1215	1350	1465	1565	1665				25
							1200	1345	1495	1625	1735	1845				20
							1330	1495	1655	1800	1925	2045	2250			10
340/85 R 24 125A8/122B	**12** 11	**364** 354	1194	530*	3540*	575		1095	1215	1320	1410	1500				50
							1075	1205	1335	1450	1550	1650				40
							1150	1290	1430	1555	1660	1765				30
							1190	1335	1485	1610	1720	1830				25
							1320	1480	1645	1785	1910	2030				20
							1465	1645	1825	1980	2115	2250	2475			10
380/85 R 24 131A8/131B	**12** 11 13	**399** 389 409	1265	557*	3735*	600		1425	1580	1715	1835	1950				50
							1270	1425	1580	1715	1835	1950				40
							1355	1525	1690	1835	1960	2085				30
							1405	1580	1755	1905	2035	2165				25
							1560	1750	1945	2110	2255	2400				20
							1730	1940	2155	2340	2500	2660	2925			10
420/85 R 24 137A8/137B	**15** 13 14	**457** 437 447	1320	578*	3890*	625		1680	1865	2025	2160	2300				50
							1495	1680	1865	2025	2160	2300				40
							1600	1795	1995	2165	2315	2460				30
							1660	1865	2070	2245	2400	2555				25
							1840	2065	2290	2490	2660	2830				20
							2040	2290	2540	2760	2950	3135	3450			10
28 inch							**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	**2.4**	**2.8**	
280/85 R 28 118A8/118B	**10** 9	**293** 283	1190	540*	3564*	575		965	1070	1160	1240	1320				50
							860	965	1070	1160	1240	1320				40
							920	1030	1145	1245	1330	1410				30
							950	1070	1185	1290	1375	1465				25
							1055	1185	1315	1430	1525	1625				20
							1170	1315	1460	1585	1690	1800	1980			10
320/85 R 28 124A8/124B	**11** 9 10	**336** 316 326	1259	567*	3757*	600		1170	1295	1410	1505	1600				50
							1040	1170	1295	1410	1505	1600				40
							1115	1250	1385	1505	1610	1710				30
							1155	1295	1440	1565	1670	1775				25
							1280	1435	1595	1730	1850	1970				20
							1420	1595	1765	1920	2050	2180	2400			10
340/85 R 28 127A8/127B	**12** 11	**357** 347	1292	579*	3849*	625		1280	1420	1540	1645	1750				50
							1140	1280	1420	1540	1645	1750				40
							1215	1365	1515	1650	1760	1875				30
							1265	1420	1575	1710	1825	1945				25
							1400	1570	1745	1895	2025	2155				20
							1550	1740	1935	2100	2245	2385	2625			10
380/85 R 28 133A8/130B	**12** 11 13	**391** 381 401	1361	606*	4041*	650		1370	1520	1650	1760	1900				50
							1340	1505	1670	1815	1935	2060				40
							1435	1610	1785	1940	2070	2205				30
							1485	1670	1850	2010	2150	2285				25
							1645	1850	2050	2230	2380	2535				20
							1825	2050	2275	2470	2640	2810	3090			10

* Loaded static radius and rolling circumferences are calculated.
Specifications are subject to change without notice.
For other rims contact your Continental specialist.

Tractor85

85% Standard Tire

Tire size LI/SSY	Rim width	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed Radius Index	Tire load capacity (kg) at tire pressure (bar)									Speed (km/h)
								1615	1790	1945	2080	2240				50
							1580	1775	1970	2140	2285	2430				40
420/85 R 28	**15**	**454**					1690	1900	2105	2290	2445	2600				30
139A8/136B	13	434	1430	632*	4233*	675	1755	1970	2185	2375	2535	2695				25
	14	444					1945	2180	2420	2630	2810	2990				20
							2155	2420	2685	2915	3115	3315	3645			10
30 inch							**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	**2.4**	**2.8**	
								1590	1765	1920	2050	2180				50
							1415	1590	1765	1920	2050	2180				40
380/85 R 30	**12**	**390**					1515	1705	1890	2055	2195	2335				30
135A8/135B	11	380	1417	633*	4215*	675	1575	1765	1960	2130	2275	2420				25
	13	400					1745	1955	2170	2360	2520	2680				20
							1930	2170	2410	2615	2795	2975	3270			10
								1825	2025	2200	2350	2500				50
							1625	1825	2025	2200	2350	2500				40
420/85 R 30	**15**	**453**					1740	1955	2165	2355	2515	2675				30
140A8/140B	13	433	1486	660*	4405*	700	1805	2025	2250	2440	2610	2775				25
	14	443					2000	2245	2490	2705	2890	3075				20
							2215	2490	2760	3000	3205	3410	3750			10
								1935	2145	2330	2490	2650	2900			50
							1725	1935	2145	2330	2490	2650	2900			40
420/90 R 30	**13**	**425**					1845	2070	2295	2495	2665	2835	3105			30
147A8/147B	14	435	1515	668*	4495*	725	1910	2145	2385	2590	2765	2940	3220			25
							2120	2380	2640	2870	3065	3260	3565			20
							2560	2840	3120	3355	3550	3735	4050			10
								2115	2350	2550	2725	2900				50
							1885	2115	2350	2550	2725	2900				40
460/85 R 30	**15**	**479**					2015	2265	2515	2730	2915	3105				30
145A8/145B	16	489	1554	686*	4594*	725	2090	2350	2605	2835	3025	3220				25
							2320	2605	2890	3140	3355	3565				20
							2570	2885	3205	3480	3715	3955	4350			10
34 inch							**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	**2.4**	**2.8**	
								1655	1840	2000	2160	2300				50
							1470	1655	1840	2000	2160	2300				40
380/85 R 34	**12**	**389**					1575	1770	1970	2140	2315	2460				30
137A8/137B	11	379	1504	678*	4507*	725	1635	1840	2040	2220	2400	2555				25
	13	399					1810	2035	2265	2460	2660	2830				20
							2005	2260	2510	2730	2950	3135	3445			10
								1760	1955	2120	2265	2430				50
							1725	1935	2145	2330	2490	2650				40
420/85 R 34	**15**	**453**					1845	2070	2295	2495	2665	2835				30
142A8/39B	13	433	1584*	709*	4716*	750	1910	2145	2385	2590	2765	2940				25
	14	443					2120	2380	2640	2870	3065	3260				20
							2350	2640	2925	3180	3395	3615	3975			10
								1935	2145	2330	2490	2650	2900	3075		50
							1725	1935	2145	2330	2490	2650	2900	3075		40
420/85 R 34	**15**	**454**					1845	2070	2295	2495	2665	2835	3105	3290		30
147A8/147B	13	434	1592*	713*	4743*	750	1910	2145	2385	2590	2765	2940	3220	3415		25
	14	444					2120	2380	2640	2870	3065	3260	3565	3780		20
							2560	2840	3120	3355	3550	3735	4050	4350	4615	10
								2245	2490	2705	2890	3075				50
							2000	2245	2490	2705	2890	3075				40
460/85 R 34	**15**	**484**					2140	2400	2665	2895	3095	3290				30
147A8/147B	16	494	1661	739*	4928*	775	2220	2490	2765	3005	3210	3415				25
							2460	2760	3065	3330	3555	3780				20
							2725	3060	3395	3690	3940	4195	4615			10
38 inch							**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	**2.4**	**2.8**	
								1505	1670	1815	1935	2060				50
							1340	1505	1670	1815	1935	2060				40
340/85 R 38	**12**	**365**					1435	1610	1785	1940	2070	2205				30
133A8/133B	11	355	1560	712*	4684*	750	1485	1670	1850	2010	2150	2285				25
							1645	1850	2050	2230	2380	2535				20
							1825	2050	2275	2470	2640	2810	3090			10

* Loaded static radius and rolling circumferences are calculated.
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For other rims contact your Continental specialist.

Tractor85

85% Standard Tire

Tire size LI/SSY	Rim width	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed Radius Index	Tire load capacity (kg) at tire pressure (bar)									Speed (km/h)
								1680	1865	2025	2160	2300	2500			50
							1495	1680	1865	2025	2160	2300	2500			40
380/80 R 38	**12**	**372**					1600	1795	1995	2165	2315	2460	2675			30
142A8/142B	11	362	1571	718*	4724*	750	1660	1865	2070	2245	2400	2555	2775			25
	13	382					1840	2065	2290	2490	2660	2830	3075			20
							2225	2470	2710	2915	3080	3245	3510			10
38 inch							**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	**2.4**	**2.8**	
								2045	2270	2465	2630	2800				50
							1820	2045	2270	2465	2630	2800				40
420/85 R 38	**15**	**454**					1945	2185	2425	2635	2815	2995				30
144A8/144B	13	434	1692	762*	5050*	800	2020	2270	2515	2735	2920	3110				25
	14	444					2240	2515	2790	3030	3235	3445				20
							2480	2785	3095	3360	3590	3820	4200			10
								2160	2395	2605	2780	3000				50
							2115	2375	2635	2860	3055	3250				40
460/85 R 38	**15**	**486**					2260	2540	2815	3060	3270	3480				30
149A8/146B	16	496	1769	792*	5260*	825	2345	2635	2920	3175	3390	3610				25
							2600	2920	3240	3520	3760	4000				20
							2880	3235	3590	3900	4165	4430	4875			10
								2375	2635	2860	3055	3250				50
							2115	2375	2635	2860	3055	3250				40
480/80 R 38	**16**	**492**					2260	2540	2815	3060	3270	3480				30
149A8/149B	14	472	1744	786*	5207*	825	2345	2635	2920	3175	3390	3610				25
	15	482					2600	2920	3240	3520	3760	4000				20
							3140	3490	3835	4120	4360	4585	4875			10
								2575	2855	3105	3315	3550				50
							2520	2830	3140	3410	3645	3875				40
520/85 R 38	**16**	**534**					2695	3025	3360	3650	3895	4145				30
155A8/152B	15	524	1868	830*	5540*	875	2795	3140	3485	3785	4045	4300				25
	18	554					3100	3480	3860	4195	4480	4765				20
							3435	3855	4280	4650	4965	5285	5815			10
42 inch							**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	**2.4**	**2.8**	
								2210	2520	2830	3140	3450	3750	4000		50
							1900	2210	2520	2830	3140	3450	3750	4000		40
480/80 R 42	**16**	**493**					2030	2365	2695	3025	3360	3690	4015	4280		30
156A8/156B	14	473	1849	838*	5536*	875	2105	2450	2795	3140	3485	3830	4165	4440		25
	15	483					2335	2715	3100	3480	3860	4245	4615	4920		20
							2810	3215	3610	3990	4355	4710	5265	5625	6000	10
								2640	3010	3385	3755	4125	4500	4750		50
							2270	2640	3010	3385	3755	4125	4500	4750		40
520/85 R 42	**16**	**526**					2430	2825	3220	3620	4015	4415	4815	5085		30
162A8/162B	15	516	1962	878*	5840*	925	2520	2930	3340	3755	4165	4580	4995	5275		25
	18	546					2790	3245	3705	4160	4615	5075	5535	5845		20
							3355	3845	4315	4770	5205	5630	6300	6750	7125	10
46 inch							**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	**2.4**	**2.8**	
								2270	2590	2910	3230	3550	3875	4250		50
							1955	2270	2590	2910	3230	3550	3875	4250		40
480/80 R 46	**16**	**495**					2090	2430	2775	3115	3455	3800	4145	4550		30
158A8/158B	14	475	1954	890*	5865*	925	2165	2520	2875	3230	3585	3940	4300	4720		25
	15	485					2400	2795	3190	3580	3975	4365	4765	5230		20
							2885	3305	3715	4105	4485	4845	5425	5815	6375	10
								2720	3105	3485	3870	4250				50
							2340	2720	3105	3485	3870	4250				40
520/85 R 46	**16**	**533**					2500	2910	3320	3730	4140	4550				30
158A8/158B	15	523	2056	926*	6138*	975	2595	3020	3445	3870	4295	4720				25
	18	553					2875	3345	3815	4285	4755	5230				20
							3450	3955	4440	4915	5360	5800	6375			10
50 inch							**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	**2.4**	**2.8**	
								2740	3040	3300	3525	3750	4125	4375		50
							2440	2740	3040	3300	3525	3750	4125	4375		40
480/80 R 50	**16**	**475**					2610	2930	3250	3530	3770	4015	4415	4680		30
159 A8/159B	14	455	2029	930*	6107*	975	2705	3040	3370	3665	3915	4165	4580	4855		25
	15	465					3000	3365	3735	4060	4335	4615	5075	5380		20
							3655	4105	4555	4950	5290	5625	6190	6565	7125	10

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Tractor70
Maximum traction and gentle to the ground

- Wide footprint for gentle ground handling
- Excellent self-cleaning due to smooth interlug design
- Maximum traction

N.flex Technology

Wide footprint for more traction and less soil compaction

Innovative Bead Design

0,2 bar less pressure possible due to bead design

Short medium-rubber apex for greater bead endurance and high deflection performance of the sidewall


Continental

Tractor70

70% Standard Tire

Tire size LI/SSY	Rim width	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed Radius Index	Tire load capacity (kg) at tire pressure (bar)										Speed (km/h)
20 inch							**0.4**	**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	**2.4**	**2.8**	
																	65
									635	715	800	875	950	1120	1250		50
280/70 R 20	**9**	**268**						550	635	715	800	875	950	1120	1250		40
116A8/116B	8	258	901	410*	2709*	380	500	590	680	760	855	935	1015	1200	1340		30
	10	278					515	610	705	790	885	970	1055	1245	1390		25
							575	680	785	875	980	1075	1170	1380	1540		20
							700	815	930	1025	1130	1220	1310	1475	1680	1875	10
																	65
									710	795	890	975	1060	1250	1400		50
300/70 R 20	**9**	**282**						615	710	795	890	975	1060	1250	1400		40
120A8/120B	10	292	939	425*	2810*	450	555	660	760	850	955	1045	1135	1340	1500		30
							575	680	790	880	990	1080	1175	1390	1555		25
							640	755	875	980	1095	1200	1305	1540	1720		20
							780	915	1035	1145	1270	1365	1465	1645	1875	2100	10
																	65
									770	865	965	1060	1150	1360	1550		50
	10	**319**						665	770	865	965	1060	1150	1360	1550		40
320/70 R 20	9	309	969	437*	2894*	475	605	715	825	925	1035	1130	1230	1455	1660		30
123A8/123B	11	329					625	740	855	955	1070	1175	1275	1510	1720		25
							695	820	950	1060	1190	1300	1415	1675	1905		20
							845	990	1120	1240	1370	1485	1585	1790	2040	2325	10
																	65
									940	1050	1175	1290	1400				50
	11	**361**						810	940	1050	1175	1290	1400				40
360/70 R 20	10	351	1043	466*	3102*	500	735	870	1005	1125	1260	1380	1500				30
120A8/120B	12	371					760	900	1040	1165	1305	1430	1555				25
							845	1000	1155	1290	1445	1585	1720				20
							1030	1205	1365	1510	1670	1800	1930	2100			10
																	65
									1005	1125	1260	1380	1500				50
	12	**387**						870	1005	1125	1260	1380	1500				40
380/70 R 20	11	377	1075	478*	3198*	525	785	930	1075	1205	1350	1475	1605				30
122A8/122B	13	397					815	965	1115	1250	1400	1530	1665				25
							905	1070	1235	1385	1550	1695	1845				20
							1105	1290	1470	1625	1790	1935	2070	2250			10
24 inch							**0.4**	**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	**2.4**	**2.8**	
										940	1050	1150	1250				65
									880	985	1105	1210	1315				50
	10	**323**						795	915	1025	1150	1260	1360				40
320/70 R 24	9	313	1097	494*	3272*	525	705	835	965	1080	1210	1325	1440				30
116D/119A8	11	333					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
	11	**358**						965	1105	1245	1385	1515	1650				40
360/70 R 24	10	348	1154	521*	3447*	550	845	1010	1165	1310	1450	1590	1725				30
122D/125A8	12	368					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
	12	**386**						1050	1210	1355	1520	1660	1800				40
380/70 R 24	11	376	1191	530*	3534*	575	930	1100	1270	1425	1595	1745	1900				30
125D/128A8	13	396					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
	13	**432**						1205	1395	1560	1750	1915	2060				40
420/70 R 24	12	422	1251	559*	3722*	600	1070	1265	1465	1640	1835	2010	2185				30
130D/133A8	14	442					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

* Loaded static radius and rolling circumferences are calculated.
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Tractor70

70% Standard Tire

Tire size LI/SSY	Rim width	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed Radius Index	Tire load capacity (kg) at tire pressure (bar)										Speed (km/h)
24 inch							**0.4**	**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	**2.4**	**2.8**	
										1770	1980	2170	2360				65
									1660	1860	2080	2280	2480				50
480/70 R 24	**15**	**488**						1500	1730	1940	2170	2375	2575				40
138D/141A8	14	478	1319	586*	3905*	625	1330	1575	1820	2035	2280	2495	2715				30
	16	498					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
28 inch							**0.4**	**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	**2.4**	**2.8**	
										1240	1385	1520	1650				65
									1160	1300	1455	1595	1735				50
360/70 R 28	**11**	**354**						1050	1210	1355	1520	1660	1805				40
125D/128A8	10	344	1254	571*	3763*	600	930	1100	1270	1425	1595	1745	1900				30
	12	364					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
380/70 R 28	**12**	**381**						1110	1285	1435	1610	1765	1900				40
127D/130A8	11	371	1303	585*	3882*	625	985	1165	1350	1510	1690	1850	2015				30
	13	391					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
420/70 R 28	**13**	**429**						1310	1510	1690	1895	2075	2240				40
133D/136A8	12	419	1353	610*	4042*	650	1160	1375	1585	1775	1990	2180	2370				30
	14	439					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
480/70 R 28	**15**	**489**						1590	1835	2055	2300	2520	2725				40
140D/143A8	14	479	1421	637*	4233*	675	1410	1670	1925	2155	2415	2645	2875				30
	16	499					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
30 inch							**0.4**	**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	**2.4**	**2.8**	
										1590	1780	1950	2120				65
									1490	1670	1870	2050	2225				50
420/70 R 30	**13**	**420**						1345	1555	1740	1950	2135	2300				40
134D/137A8	12	410	1409	632*	4196*	675	1195	1415	1635	1830	2050	2245	2440				30
	14	430					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
										1930	2165	2370	2575				65
									1810	2030	2270	2485	2705				50
480/70 R 30	**15**	**491**						1635	1890	2115	2370	2595	2800				40
141D/144A8	14	481	1496	665*	4438*	700	1450	1720	1985	2220	2485	2725	2960				30
	16	501					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

* Loaded static radius and rolling circumferences are calculated.
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For other rims contact your Continental specialist.

Tractor70

70% Standard Tire

Tire size LI/SSY	Rim width	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed Radius Index	Tire load capacity (kg) at tire pressure (bar)										Speed (km/h)
34 inch							**0.4**	**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	**2.4**	**2.8**	
480/70 R 34 143D/146A8	**15** 14 16	**495** 485 505	1593	721*	4767*	750				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
520/70 R 34 148D/151A8	**16** 15 18	**530** 520 550	1656	739*	4920*	775				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
38 inch							**0.4**	**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	**2.4**	**2.8**	
480/70 R 38 145D/148A8	**15** 14 16	**479** 469 489	1708	770*	5101*	800				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
520/70 R 38 150D/153A8	**16** 15 18	**527** 517 547	1771	795*	5260*	825				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
580/70 R 38 155D/158A8	**18**	**596**	1853	827*	5505*	875				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

* Loaded static radius and rolling circumferences are calculated.
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TractorMaster

- D.fine lug technology ensuring high mileage
- N.flex technology delivers robustness
- Bead technology for low soil compaction

Application

- The right choice for high demanding applications in the field and on the road

D.fine lug technology

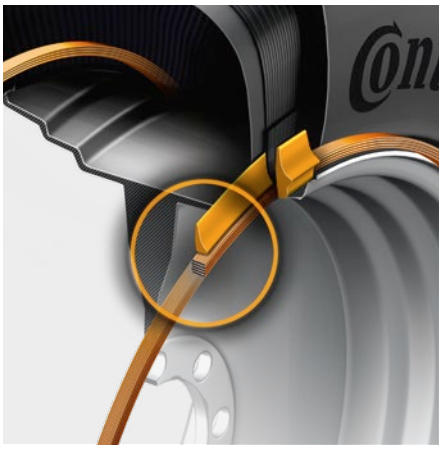
5% more lug surface results in higher mileage compared to standard tires.

The overlap of lugs leads to a comfortable and smooth drive

N.flex Technology

Flexibility of nylon carcass ensures great impact resistance

Low-shrinkage nylon reduces flat spots for a more comfortable ride



Rectangular Bead Design

Short medium-rubber apex delivers great bead endurance and high deflection performance of the sidewall

High deflection of the sidewall ensures low soil compaction


Continental
TRACTOR MASTER

TractorMaster

Advanced Tire

Tire size LI/SSY	Rim width	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed Radius Index	Tire load capacity (kg) at tire pressure (bar)										Speed (km/h)
20 inch							**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
	13	**416**						990	1150	1315	1475	1640	1800	2120	2360		40
420/65 R 20	11	396	1049	470*	3125*	500	855	1045	1215	1385	1555	1725	1900	2245	2505		30
135D/138A8	12	406					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
24 inch							**0.4**	**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	**2.4**	**2.8**	
										1350	1510	1655	1800				65
									1245	1420	1590	1740	1890				50
	14	**449**						1090	1285	1465	1640	1795	1950				40
440/65 R 24	13	439	1181	533*	3529*	575	975	1160	1365	1555	1740	1905	2070				30
128D/131A8	15	459					1005	1195	1410	1600	1790	1960	2135				25
							1040	1240	1460	1660	1860	2035	2215				20
							1270	1490	1735	1945	2145	2320	2485	2700			10
										1545	1730	1895	2060				65
									1430	1620	1815	1990	2165				50
								1255	1480	1680	1880	2060	2240				40
480/65 R 24	**15**	**485**					1115	1325	1565	1775	1990	2180	2370				30
133D/136A8	14	475	1236	555*	3684*	600	1145	1365	1610	1830	2050	2245	2440				25
							1190	1420	1670	1900	2130	2330	2535				20
							1450	1705	1985	2225	2460	2655	2845	3090			10
										1875	2100	2300	2500				65
									1735	1970	2205	2415	2625				50
								1525	1800	2045	2290	2505	2725				40
540/65 R 24	**16**	**541**					1350	1610	1900	2155	2415	2645	2875				30
140D/143A8	18	561	1307	584*	3885*	625	1390	1660	1955	2220	2490	2725	2965				25
							1445	1720	2030	2305	2585	2830	3075				20
							1765	2075	2410	2705	2985	3220	3450	3750			10
28 inch							**0.4**	**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	**2.4**	**2.8**	
										1465	1640	1795	1950				65
									1350	1535	1720	1885	2050				50
	14	**451**						1185	1400	1590	1780	1950	2120				40
440/65 R 28	13	441	1292	588*	3875*	625	1055	1255	1480	1680	1885	2065	2245				30
131D/134A8	15	461					1085	1295	1525	1735	1940	2125	2310				25
							1125	1345	1585	1800	2015	2205	2400				20
							1375	1615	1875	2105	2325	2510	2690	2925			10
										1680	1880	2060	2240				65
									1550	1765	1975	2165	2350				50
								1360	1605	1825	2040	2235	2430				40
480/65 R 28	**15**	**483**					1210	1445	1700	1930	2165	2370	2575				30
136D/139A8	14	473	1338	600*	4005*	650	1250	1485	1750	1990	2230	2440	2655				25
							1295	1545	1820	2065	2315	2535	2755				20
							1580	1855	2160	2420	2670	2885	3090	3360			10
										1990	2225	2440	2650				65
									1835	2085	2335	2560	2785				50
								1625	1915	2175	2435	2670	2900				40
540/65 R 28	**16**	**542**					1430	1705	2010	2285	2560	2805	3050				30
142D/145A8	18	562	1421	632*	4217*	675	1475	1760	2075	2355	2640	2890	3140				25
							1530	1825	2150	2445	2740	3000	3260				20
							1870	2200	2555	2865	3165	3410	3655	3975			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
600/65 R 28	**20**	**612**					1705	2030	2390	2715	3045	3335	3625	4085	4315		30
154D/157A8	18	592	1516	678*	4505*	700	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
										2590	2910	3230	3550	3875	4125		65
									2385	2720	3055	3390	3730	4070	4330		50
								2130	2480	2830	3180	3525	3875	4250	4500		40
600/70 R 28	**20**	**627**					1835	2245	2615	2980	3350	3715	4085	4455	4745		30
157D/160A8	18	607	1574	698*	4664*	725	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

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TractorMaster

Advanced Tire

Tire size LI/SSY	Rim width	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed Radius Index	Tire load capacity (kg) at tire pressure (bar)										Speed (km/h)
30 inch							**0.4**	**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	**2.4**	**2.8**	
										2045	2290	2505	2725	3075	3350		65
									1890	2145	2405	2630	2860	3230	3520		50
								1680	1980	2250	2520	2760	3000	3350	3650		40
540/65 R 30	**16**	**541**					1475	1755	2070	2350	2630	2885	3135	3535	3855		30
150D/153A8	18	561	1482	669*	4427*	700	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
600/70 R 30	**20**	**631**					1900	2300	2715	3050	3450	3855	4085				30
152D/155A8	18	611	1606	716*	4771*	750	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
	23	**713**						2340	2720	3105	3485	3870	4250	4750	5150		40
710/60 R 30	21	698					2005	2450	2850	3255	3655	4055	4455	5030	5465		30
162D/165A8	24	723	1638	735*	4868*	775	2065	2525	2940	3350	3765	4180	4590	5185	5630		25
	25	733					2145	2620	3050	3480	3910	4335	4765	5380	5845		20
							2615	3150	3610	4050	4480	4890	5290	5965	6565	7125	10
34 inch							**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
540/65 R 34	**16**	**548**					1565	1870	2200	2500	2800	3070	3335	3740	4085		30
152D/155A8	18	568	1581	719*	4739*	750	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
										2590	2900	3175	3450				65
									2390	2715	3045	3335	3625				50
								2100	2475	2815	3150	3450	3750				40
600/65 R 34	**20**	**626**					1865	2220	2620	2975	3335	3650	3970				30
151D/154A8	18	606	1649	746*	4921*	775	1920	2290	2700	3065	3435	3760	4090				25
							1995	2375	2800	3185	3565	3905	4245				20
							2430	2855	3320	3720	4110	4440	4760	5175			10
										2905	3255	3565	3875	4375	4625		65
									2685	3050	3420	3745	4070	4595	4855		50
	20	**661**						2380	2805	3190	3570	3910	4250	4750	5000		40
650/65 R 34	21	671					2095	2495	2940	3340	3745	4100	4455	5030	5320		30
161D/164A8	23	691	1729	778*	5160*	825	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
										2830	3180	3525	3875	4250	4500		65
									2605	2970	3335	3705	4070	4465	4725		50
								2335	2715	3095	3480	3860	4245	4655	4930		40
600/70 R 34	**20**	**642**					2005	2450	2850	3255	3655	4055	4455	4890	5175		30
160D	18	621	1719*	771*	5123*	800	2065	2525	2940	3350	3765	4180	4590	5035	5335		25
							2145	2620	3050	3480	3910	4335	4765	5230	5535		20
							2615	3150	3610	4050	4480	4890	5290	5925	6375	6750	10

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TractorMaster

Advanced Tire

Tire size LI/SSY	Rim width	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed Radius Index	Tire load capacity (kg) at tire pressure (bar)										Speed (km/h)
38 inch							0.4	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	
										2305	2585	2830	3075				65
									2130	2420	2710	2970	3230				50
								1875	2210	2515	2815	3080	3350				40
540/65 R 38 147D/150A8	**16** 18	**537** 557	1685	763*	5042*	800	1660	1980	2335	2650	2970	3255	3535				30
							1715	2040	2405	2735	3060	3350	3645				25
							1780	2120	2495	2835	3175	3480	3780				20
							2170	2550	2970	3325	3670	3965	4245	4615			10
										2740	3065	3360	3650				65
									2530	2875	3220	3525	3835				50
								2240	2640	3000	3360	3680	4000				40
600/65 R 38 153D/156A8	**20** 18	**619** 599	1769	804*	5259*	825	1975	2350	2770	3150	3525	3860	4200				30
							2035	2420	2855	3245	3635	3980	4325				25
							2110	2515	2965	3365	3770	4130	4490				20
							2575	3025	3520	3945	4355	4700	5035	5475			10
38 inch							0.4	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	
										3095	3465	3795	4125				65
									2860	3250	3640	3985	4330				50
								2520	2970	3375	3780	4140	4500				40
650/65 R 38 157D/160A8	**20** 21 23	**661** 671 691	1830	820*	5447*	875	2230	2655	3130	3560	3985	4365	4745				30
							2295	2735	3225	3665	4105	4495	4890				25
							2385	2840	3350	3805	4260	4670	5075				20
							2910	3420	3975	4455	4920	5310	5695	6190			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
650/75 R 38 169D/172A8	**21** 20 23	**683** 673 703	1941	866*	5768*	925	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
650/85 R 38 173D/176A8	**23** 20 21	**701** 671 681	2088	915*	6154*	975	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
										3870	4345	4825	5300	5800	6150		65
									3560	4060	4565	5065	5565	6090	6460		50
								3190	3710	4235	4755	5280	5800	6300	6700		40
710/70 R 38 171D/174A8	**23** 25	**740** 760	1966	879*	5851*	925	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
800/70 R 38 178D/181A8	**27** 25	**853** 833	2060	917*	6116*	975	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
900/60 R 38 178D/181A8	**28** 27 30	**893** 883 913	2035	915*	6070*	975	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

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TractorMaster

Advanced Tire

Tire size LI/SSY	Rim width	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed Radius Index	Tire load capacity (kg) at tire pressure (bar)										Speed (km/h)
42 inch							**0.4**	**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	**2.4**	**2.8**	
										3285	3690	4095	4500	5000	5300		65
									3025	3450	3875	4300	4725	5250	5565		50
620/70 R 42 166D/169A8	**20**	**645**	1955*	862*	5780*	925		2710	3155	3595	4040	4485	4930	5475	5805		40
							2330	2845	3310	3780	4245	4710	5175	5750	6095		30
							2400	2935	3415	3895	4375	4855	5335	5925	6280		25
							2490	3045	3540	4040	4540	5035	5535	6150	6520		20
							3040	3655	4195	4705	5205	5680	6145	6900	7500	7950	10
										3190	3570	3910	4250	4750	5150		65
									2945	3345	3750	4105	4465	4990	5410		50
	20	**650**						2590	3055	3470	3885	4255	4625	5150	5600		40
650/65 R 42 165D/168A8	21	660	1947	885*	5815*	925	2295	2735	3225	3665	4105	4495	4890	5465	5925		30
	23	680					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
										4090	4590	5095	5600	6150	6500		65
									3765	4290	4820	5350	5880	6460	6825		50
								3385	3935	4490	5045	5595	6150	6700	7100		40
710/70 R 42 173D/176A8	**23**	**750**	2077	933*	6191*	975	2900	3540	4120	4700	5280	5860	6440	7075	7475		30
	25	770					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
	23	**749**						3575	4160	4745	5330	5915	6500	7100	7500		40
710/75 R 42 175D/178A8	21	729	2171	967	6447	1025	3105	3795	4415	5035	5660	6280	6900	7475	7935		30
	24	759					3200	3910	4550	5190	5830	6470	7110	7705	8175		25
	25	769					3320	4060	4725	5385	6050	6715	7380	7995	8485		20
							4050	4870	5585	6275	6940	7575	8190	9150	9750	10350	10

VF TractorMaster

- VF technology allows for driving with approx. 40% lower tire air pressure or approx. 40% higher load
- D.fine lug technology ensuring high mileage
- N.flex technology delivers robustness

Application

- The right choice for flexibility for works that require frequent moves from road to field and field to road

VF Technology

More gripping edges in contact with soil for increased traction

Lower tire pressure and wider footprint reduce soil compaction

D.fine lug technology

5% more lug surface results in higher mileage compared to standard tires.

The overlap of lugs leads to a comfortable and smooth drive

VF Technology

Belt and bead geometry enhance sturdiness and durability

N.flex technology delivers flexibility for bead area and sidewall


600/60 R
Tractormaster

VF TractorMaster

Advanced Tire

Tire size LI/SSY	Rim width	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed Radius Index	Tire load capacity (kg) at tire pressure (bar)								Speed (km/h)
30 inch							**0.4**	**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	
VF 540/65 R 30 NRO 158D/155E	**20**	**553**	1457	638*	4292*	700			2560	2905	3255	3565	3875	4250	≤ 65
	18	533					1820	2170	2560	2905	3255	3565	3875	4250	≤ 30
	16 NRO	513													
VF 600/60 R 30 NRO 162D	**20**	**603**	1468	644*	4330*	700			2720	3105	3485	3870	4250	4750	≤ 65
	18 NRO	583					1915	2340	2720	3105	3485	3870	4250	4750	≤ 30
	21	613													
VF 600/70 R 30 NRO 168D	**21**	**624**	1573	676*	4587*	750			3295	3760	4225	4685	5150	5600	≤ 65
	18 NRO	594					2320	2835	3295	3760	4225	4685	5150	5600	≤ 30
	20	614													
34 inch							**0.4**	**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	
VF 420/85 R 34 154D	**15**	**452**	1575*	690*	4688*	750				2490	2800	3105	3415		70
									2400	2740	3075	3415	3750		≤ 65
							1720	2105	2450	2790	3135	3480	3825		≤ 30
							1855	2270	2640	3010	3385	3755	4125		10
VF 650/60 R 34 NRO 168D	**23**	**662**	1649	725*	4867*	775				3470	3895	4325	4750	5150	70
	21	642							3295	3760	4225	4685	5150	5600	≤ 65
	20 NRO	632					2320	2835	3295	3760	4225	4685	5150	5600	≤ 30
VF 650/65 R 34 NRO 170D	**23**	**661**	1700	758*	5079*	825				3720	4165	4565	4960	5460	70
	21	641							3595	4090	4580	5015	5450	6000	≤ 65
	20 NRO	631					2560	3050	3595	4090	4580	5015	5450	6000	≤ 30
VF 710/60 R 34 173D	**25**	**725**	1705	756*	5060*	825				3 855	4 330	4 805	5 280	5 915	70
	23 NRO	704							3 710	4 235	4 755	5 280	5 800	6 500	≤ 65
	24	715					2 610	3 190	3 710	4 235	4 755	5 280	5 800	6 500	≤ 30
	27	747													
38 inch							**0.4**	**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	
VF 650/60 R 38 NRO 170D	**23**	**660**	1745*	776*	5178*	825				3520	3955	4390	4825	5460	70
	20 NRO	630							3390	3870	4345	4825	5300	6000	≤ 65
	21	640					2435	2975	3460	3945	4435	4920	5405	6120	≤ 30
							2625	3205	3730	4255	4780	5305	5830	6600	10

* Loaded static radius and rolling circumferences are calculated.
Specifications are subject to change without notice.
For other rims contact your Continental specialist.

VF TractorMaster

Advanced Tire

Tire size LI/SSY	Rim width	Section width (mm)	Overall dia-meter (mm)	Loaded static radius (mm)	Rolling circum-ference (mm)	Speed Radius Index	Tire load capacity (kg) at tire pressure (bar)								Speed (km/h)
42 inch							**0.4**	**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	
VF 650/65 R 42 NRO 174D/171E	**23**	**658**	1927	851*	5701*	925			3960	4500	5040	5520	6000	6700	≤ 65
	21	638					2820	3360	3960	4500	5040	5520	6000	6700	≤ 30
	20 NRO	628													
VF 710/60 R 42 NRO 176D	**25**	**717**	1906	846*	5653*	925			4160	4745	5330	5915	6500	7100	≤ 65
	23 NRO	697					2925	3575	4160	4745	5330	5915	6500	7100	≤ 30
	24	707													
	27	737													
VF 710/70 R 42 182D	**25**	**748**	2040	890*	5999*	975			4960	5660	6355	7055	7750	8500	≤ 65
	23	728					3490	4265	4960	5660	6355	7055	7750	8500	≤ 30
	24	738													
VF 710/75 R 42 184D	**24**	**723**	2143	953*	6359*	1025				5475	6150	6825	7500	8250	70
	23	713							5280	6025	6765	7510	8250	9000	≤ 65
	25	733					3715	4540	5280	6025	6765	7510	8250	9000	≤ 30
VF 900/60 R 42 NRO 189D	**30**	**910**	2147	951	6360	1025				6145	6900	7660	8420	9375	70
	28	888							5920	6755	7585	8420	9250	10300	≤ 65
	31	921					4245	5190	6040	6890	7735	8585	9435	10505	≤ 30
	32	931													
	33	942					4580	5595	6510	7430	8345	9260	10175	11330	10
44 inch							**0.4**	**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	
VF 750/70 R 44 186D	**25**	**750**	2180	969*	6469*	1025				5815	6530	7245	7965	8645	70
									5600	6390	7175	7965	8750	9500	≤ 65
							4015	4910	5710	6515	7320	8120	8925	9690	≤ 30
							4330	5295	6160	7025	7895	8760	9625	10450	10
50 inch							**0.4**	**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	
VF 480/80 R 50 166D	**16**	**483**	2037	910*	6060*	975				3520	3955	4390	4825		70
	15	473							3390	3870	4345	4825	5300		≤ 65
							2435	2975	3460	3945	4435	4920	5405		≤ 30
							2625	3205	3730	4255	4780	5305	5830		10

* Loaded static radius and rolling circumferences are calculated.
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For other rims contact your Continental specialist.

VF TractorMaster Hybrid

- VF Technology for about 40 percent more load at the same inflation pressure or 40 percent less inflation pressure for the same load than standard tires
- Integrated tire sensor informs constantly on inflation pressure and tire temperature and ensures maximum tire life with the right pressure
- Innovative tread design ensures highest mileage and comfort on the road, and high traction and fuel efficiency in the field

Application

The VF TractorMaster Hybrid was developed to especially help with agriculture contracting work. With its special tread design, it is especially suitable for on-road use. In addition, it also reduces damage in grassland applications.

Tread with large lug surface

Innovative tread design with 30 percent larger lug surface than conventional patterns for high mileage on the road and good traction on hard and normal soil

Central block band

Central block band with dissected blocks ensures good surface adaptability, and reduces noise and vibration which is especially useful for long drives on roads

Rounded lugs

Rounded lugs reduce cutting of roots in grassland applications and minimize slippage on sandy soil – for lower fuel consumption


Continental
TractorMaster
710/70 R 42

VF TractorMaster Hybrid

Advanced Tire

Tire size LI/SSY	Rim width	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed Radius Index	Tire load capacity (kg) at tire pressure (bar)								Speed (km/h)
30 inch							**0.4**	**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	
VF 540/65 R 30 158D	**18**	**540**	1464*	641*	4312*	700				2645	2960	3245	3525	3870	70
									2560	2905	3255	3565	3875	4250	≤ 65
							1860	2215	2610	2965	3320	3635	3955	4335	≤ 30
							2005	2385	2815	3195	3580	3920	4265	4675	≤ 10
VF 600/70 R 30 NRO 168D	**21** 18 NRO 20	**614** 584 604	1569	676*	4662*	750			3295	3760	4225	4685	5150	5600	≤ 65
							2320	2835	3295	3760	4225	4685	5150	5600	≤ 30
42 inch							**0.4**	**0.6**	**0.8**	**1.0**	**1.2**	**1.4**	**1.6**	**2.0**	
VF 650/65 R 42 174D	**23**	**660**	1927*	851*	5701*	925				4095	4585	5025	5460	6095	70
									3960	4500	5040	5520	6000	6700	≤ 65
							2875	3425	4040	4590	5140	5630	6120	6835	≤ 30
							3100	3695	4355	4950	5545	6070	6600	7370	≤ 10
VF 710/70 R 42 182D	**25** 23 24	**748** 728 738	2049	890*	6112*	975			4960	5660	6355	7055	7750	8500	≤ 65
							3490	4265	4960	5660	6355	7055	7750	8500	≤ 30

* Loaded static radius and rolling circumferences are calculated.
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For other rims contact your Continental specialist.

CombineMaster

- Hexa-bead technology delivers high traction and stability
- Carcass technology N.flex provides high flexibility and comfort
- D.fine lug technology ensures durability and stress resistance

Application

- For high performance tractors and harvesters and demanding applications

HexaBead made from a single wire

No slippage on the rim and thus more traction and higher efficiency,

The bead technology increases the comfort, even on roads.

N.flex Technology

Flexibility of nylon carcass ensures better damping in all applications

Low-shrinkage nylon reduces flat spots for a more comfortable ride

D.fine lug technogy

Smooth linkage between lugs and base results in high stress resistance

Lug design provides high durability


CombineMaster

CombineMaster

Advanced Tire

Tire size LI/SSY	Rim width	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed Radius Index	Tire load capacity (kg) at tire pressure (bar)										Speed (km/h)
32 inch							0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	3.2	4.0	
650/75 R 32 CHO 172A8/172B	**21** 20 23	**636** 626 656	1806	798*	5341*	875		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	9450	10
							4885	5570	6260	6945	7630	8250	8995	9570	10395		15 cycl.
							5330	6075	6825	7575	8325	9000	9810	10440	11340		10 cycl.
680/85 R 32 CHO 179A8/179B	**21** 20	**681** 671	1955	849*	5812*	925		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	11625	10
							5755	6565	7375	8185	8995	9900	10725	11715	12790		15 cycl.
							6280	7160	8045	8925	9810	10800	11700	12780	13950		10 cycl.
800/65 R 32 178A8/178B	**27** 25	**800** 780	1854	818*	5461*	875		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	11250	10
							5430	6080	6715	7255	7770	8380	8990	9765	10385		15 cycl.
							5955	6670	7370	7955	8525	9195	9860	10710	11390		10 cycl.
800/70 R 32 CHO 181A8/181B	**27** 25	**770** 750	1943	857*	5744*	925		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	12375	10
							6335	7225	8120	9010	9900	10725	11385	12790	13615		15 cycl.
							6910	7885	8855	9830	10800	11700	12420	13950	14850		10 cycl.
900/60 R 32 CHO 181A8/181B	**28** 27 30	**862** 852 882	1917	855*	5696*	925		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	12375	10
							6125	6985	7845	8710	9570	10725	11715	12790	13615		15 cycl.
							6680	7620	8560	9500	10440	11700	12780	13950	14850		10 cycl.

38 inch							0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	3.6	4.0	
900/60 R 38 CHO 181A8/181B	**28** 27 30	**850** 840 870	2061	925*	6144*	975		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	12750		10
							6655	7590	8525	9460	10395	11715	12375	13615			15 cycl.
							7260	8280	9300	10320	11340	12780	13500	14850			10 cycl.

* Loaded static radius and rolling circumferences are calculated.
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VF CombineMaster

- VF technology allows for driving with approx. 40% lower tire air pressure or approx. 40% higher load
- Rectangular bead for high torque from rim to tire for traction optimization
- N.flex technology delivers robustness

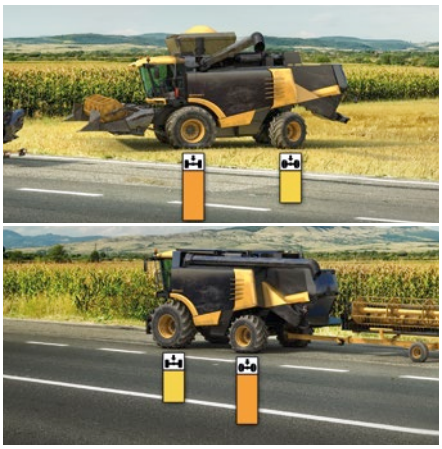
Application

- The ideal solution for cyclical loading on the field and great weight and fast speeds on the road
- VF CombineMaster for rear axle with rectangular bead delivers the best combination in terms of load capacity and traction

VF Construction

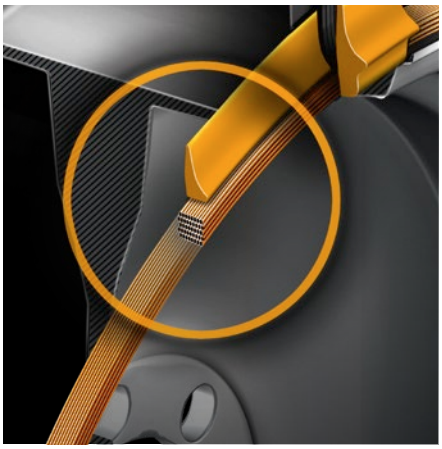
Belt and bead geometry enhance sturdiness and durability

N.flex technology delivers flexibility for bead area and sidewall



For cyclical loading on the field

For greater weight and higher speeds on the road



Rectangular bead

High torque from rim to tire for good traction


750/65 R 26
Continental
CompleteMaster

VF CombineMaster

Advanced Tire

Tire size LI/SSY	Rim width	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed Radius Index	Tire load capacity (kg) at tire pressure (bar)						Speed (km/h)
24 inch							**1.2**	**1.4**	**1.6**	**2.0**	**2.4**	**2.8**	
							3485	3870	4250	4625	4875	5450	50
VF 500/85 R 24 CFO 167A8/167B	**18**	525	1430	596*	4117*	700	3485	3870	4250	4625	4875	5450	≤ 40
	16	505					3890	4320	4745	5200	5525	6015	30 cycl.
							4640	5150	5660	6200	6590	7170	15 cycl.
26 inch							**1.2**	**1.4**	**1.6**	**2.0**	**2.4**	**2.8**	
							4225	4685	5150	5600	6000	6500	50
VF 620/70 R 26 CFO 173A8/173B	**21**	618	1501	638*	4362*	725	4225	4685	5150	5600	6000	6500	≤ 40
	20	608					4665	5175	5690	6340	6695	7280	30 cycl.
	23	638					5560	6170	6780	7555	7985	8680	15 cycl.
							5165	5660	6150	6700	7300		50
VF 750/65 R 26 CFO 177A8/177B	**27**	763	1606	680*	4658*	775	5165	5660	6150	6700	7300		≤ 40
	25	743					5790	6340	6890	7540	8190		30 cycl.
	28	773					6900	7560	8215	8990	9765		15 cycl.
28 inch							**1.2**	**1.4**	**1.6**	**2.0**	**2.4**	**2.8**	
							3675	4025	4375	4875			50
VF 600/65 R 28 CFO NRO 163A8/163B	**21**	592	1463	633*	4345*	700	3675	4025	4375	4875			≤ 40
	18 NRO	577					4095	4485	4875	5525			30 cycl.
	20	582					4885	5350	5815	6590			15 cycl.
30 inch							**1.2**	**1.4**	**1.6**	**2.0**	**2.4**	**2.8**	
							3795	4210	4625	5000	5450	6000	50
VF 500/85 R 30 CFO 170A8/170B	**18**	519	1584	672*	4601*	775	3795	4210	4625	5000	5450	6000	≤ 40
	16	499					4265	4730	5200	5690	6015	6500	30 cycl.
							5085	5640	6200	6780	7170	7750	15 cycl.

* Loaded static radius and rolling circumferences are calculated.
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For other rims contact your Continental specialist.

CompactMaster AG

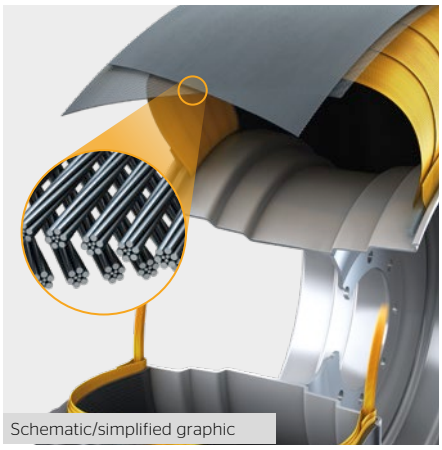
- Loading and collecting of farm goods on field and grass land
- Tire construction with focus on tilting stability
- Maximum speed up to 50 km/h

Application

- For agricultural work with telescopic handlers and compact loaders as universal vehicles on farms

Turtle Shield Shaped Tread Base Line

Protection of the shoulder area against penetration and cuts by foreign objects



Twisted Steel Belt

High stiffness of tire in lateral direction

Protection in center area against foreign objects

Wide lugs and wide lug base

High traction on muddy grounds

Good self-cleaning behavior


Continental

CompactMaster AG

Advanced Tire

Tire size LI/SSY	Rim width	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed Radius Index	Tire load capacity (kg) at tire pressure (bar)								Speed (km/h)
24 inch							**1.6**	**2.0**	**2.4**	**2.8**	**3.2**	**3.6**	**4.0**	**4.4**	
460/70 R 24 IND 159A8/159B	**15**	**481**	1244	559	3710*	600	2120	2500	2885	3270	3650	4010	4375		50
	16	491					2120	2500	2885	3270	3650	4010	4375		40
	14	471					2240	2650	3055	3460	3870	4275	4680		30
							2320	2740	3165	3585	4010	4435	4860		25
							2570	3140	3710	4280	4850	5420	5990	6560	10 cycl.
							3940	4815	5690	6560	7435	8310	9185	10060	0 stat.
500/70 R 24 IND 164A8/164B	**16**	**521**	1301*	578*	3860*	625	2370	2805	3235	3665	4125	4525	5000		50
	15	511					2370	2805	3235	3665	4125	4525	5000		40
	18	541					2465	2915	3365	3810	4290	4705	5200		30
							2515	2975	3430	3885	4375	4795	5300		25
							2585	3055	3525	3995	4495	4930	5450		20
							2965	3505	4045	4580	5155	5655	6250		10
							3560	4205	4855	5500	6190	6790	7500		10 cycl.
							5455	6450	7440	8430	9490	10410	11500		0 stat.

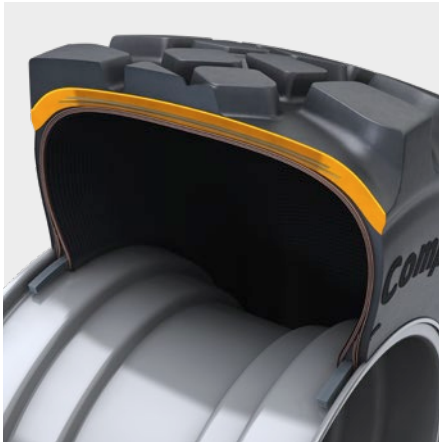
* Loaded static radius and rolling circumferences are calculated.
Specifications are subject to change without notice.
For other rims contact your Continental specialist.

CompactMaster EM

- Material handing at construction sites on paved grounds, gravel and sand
- Optimized design for easy turning on the spot on paved grounds and gravel leads to extensive lifetime
- Maximum speed up to 50 km/h

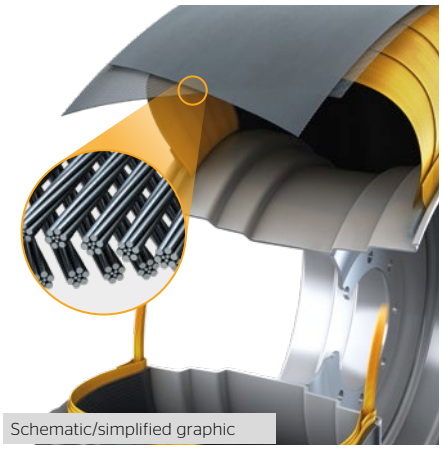
Application

- Focus on telehandler and compact loader applications with various intense and demanding rough operations.



Turtle Shield Shaped Tread Base Line

Protection of the shoulder area against penetration and cuts by foreign objects



Schematic/simplified graphic

Twisted Steel Belt

High stiffness of tire in lateral direction

Protection in center area against foreign objects

High Tread Positive And Flexible Blocks

High amount of rubber volume

Finely structured blocks for easy turning on the spot


CompactMaster
EM
460/70 R 24
IND
Continental

CompactMaster EM

Advanced Tire

Tire size LI/SSY	Rim width	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed Radius Index	Tire load capacity (kg) at tire pressure (bar)								Speed (km/h)
24 inch							**1.6**	**2.0**	**2.4**	**2.8**	**3.2**	**3.6**	**4.0**	**4.4**	
460/70 R 24 IND 159A8/159B	**15**	**475**	1245	556	3735*	600	2120	2500	2885	3270	3650	4010	4375		50
	16	485					2120	2500	2885	3270	3650	4010	4375		40
	14	465					2240	2650	3055	3460	3870	4275	4680		30
							2320	2740	3165	3585	4010	4435	4860		25
							2570	3140	3710	4280	4850	5420	5990	6560	10 cycl.
							3940	4815	5690	6560	7435	8310	9185	10060	0 stat.
500/70 R 24 IND 164A8/164B	**16**	**520**	1301*	578*	3860*	625	2370	2805	3235	3665	4125	4525	5000		50
	15	510					2370	2805	3235	3665	4125	4525	5000		40
	18	540					2465	2915	3365	3810	4290	4705	5200		30
							2515	2975	3430	3885	4375	4795	5300		25
							2585	3055	3525	3995	4495	4930	5450		20
							2965	3505	4045	4580	5155	5655	6250		10
							3560	4205	4855	5500	6190	6790	7500		10 cycl.
							5455	6450	7440	8430	9490	10410	11500		0 stat.

* Loaded static radius and rolling circumferences are calculated.
Specifications are subject to change without notice.
For other rims contact your Continental specialist.

MPT81

The MPT81 tire is designed for mixed on-/off-road use with a strong emphasis on tough conditions. The MPT81 is suitable on various ground surfaces and especially on snow.

Applications

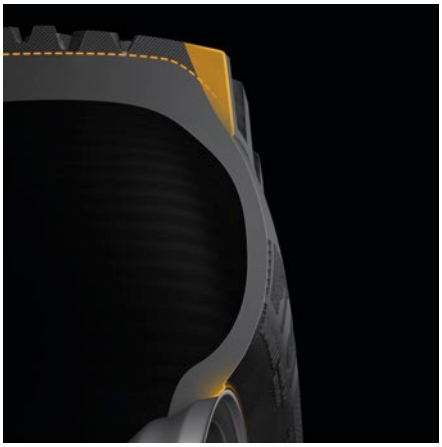
- Rescue services
- Forestry
- Construction sites
- Municipal application
- Winter road service

The MPT81 can be fitted on municipal vehicles, pickup trucks, mobile homes, offroad trucks, compact wheel loaders and telehandlers

Multi functional tread design

Three variations in tread depths

High performance on any surface



Turtle Shield Design

Protection of upper sidewall and shoulder area

Robustness and puncture resistance

Special tread design with multiple block geometries

Excellent self cleaning capabilities

High traction abilities

MPT 81

Multi Purpose Tire

Tire size LI/SSY	Rim width	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Tire load capacity (kg) at tire pressure (bar)												Speed (km/h)
16 inch						**2.0**	**2.5**	**3.0**	**3.5**	**4.0**	**4.25**	**4.5**	**5.0**	**5.25**	**5.5**	**6.0**	**6.5**	
315/55 R 16 MPT 120K/124F	**11 x 16** 10 x 16	**339** 329	750	344	2250	910	1090	1285	1400									110
						910	1090	1285	1400									100
						950	1120	1320	1450	1600								80
						1000	1200	1415	1540									60
						1020	1215	1450	1550									50
						1140	1365	1610	1750									30
						1365	1635	1930	2100									20
						1640	1960	2315	2520									10
						2275	2725	3215	3500									0
20 inch						**2.0**	**2.5**	**3.0**	**3.5**	**4.0**	**4.25**	**4.5**	**5.0**	**5.25**	**5.5**	**6.0**	**6.5**	
275/80 R 20 MPT 134K	**9 x 20** 9-20 SDC	**289** 289	950	440	2850	990	1185	1370	1545	1715	1795	1875	2030	2120				110
						990	1185	1370	1545	1715	1795	1875	2030	2120				100
						1030	1230	1425	1610	1785	1870	1950	2110	2205				80
						1090	1305	1510	1700	1890	1975	2085	2235	2330				60
						1110	1330	1530	1725	1920	2010	2100	2270	2370				50
						1240	1480	1710	1925	2140	2240	2340	2540	2650				30
						1490	1780	2060	2315	2570	2690	2810	3050	3180				20
						1780	2130	2470	2780	3090	3235	3380	3650	3820				10
						2480	2960	3430	3860	4290	4490	4690	5080	5300				0
335/80 R 20 MPT 147K	**11 x 20** 11-20 SDC 9 x 20 10 x 20 12 x 20	**354** 354 334 344 364	1032	480	3120	1320	1575	1800	2020	2240	2335	2430	2625	2715	2800	2975	3075	110
						1320	1575	1800	2020	2240	2335	2430	2625	2715	2800	2975	3075	100
						1375	1640	1870	2100	2330	2430	2530	2730	2825	2910	3095	3200	80
						1450	1735	1980	2220	2465	2570	2675	2890	2990	3080	3275	3385	60
						1480	1760	2020	2265	2510	2615	2720	2940	3040	3135	3330	3440	50
						1650	1970	2250	2525	2800	2920	3040	3280	3390	3500	3720	3840	30
						1980	2360	2700	3030	3360	3505	3650	3940	4070	4200	4460	4610	20
						2380	2840	3240	3635	4030	4200	4370	4730	4890	5045	5360	5540	10
						3300	3940	4500	5050	5600	5840	6080	6560	6780	7000	7440	7690	0
365/80 R 20 MPT 152K	**11-20 SDC** 12 x 20	**380** 390	1089	502	3275	1445	1730	2000	2290	2575	2650	2725	3000	3140	3275	3550		110
						1445	1730	2000	2290	2575	2650	2725	3000	3140	3275	3550		100
						1500	1800	2080	2380	2678	2755	2834	3120	3265	3410	3690		80
						1590	1905	2200	2520	2832	2915	2997	3300	3455	3600	3905		60
						1620	1940	2240	2560	2885	2970	3050	3360	3520	3670	3980		50
						1805	2160	2500	2860	3220	3310	3405	3750	3925	4095	4440		30
						2165	2595	3000	3430	3860	3975	4090	4500	4710	4910	5325		20
						2600	3115	3600	4120	4635	4770	4905	5400	5650	5895	6390		10
						3610	4325	5000	5720	6435	6625	6810	7500	7850	8190	8875		0

* Loaded static radius and rolling circumferences are calculated.
Specifications are subject to change without notice.
For other rims contact your Continental specialist.

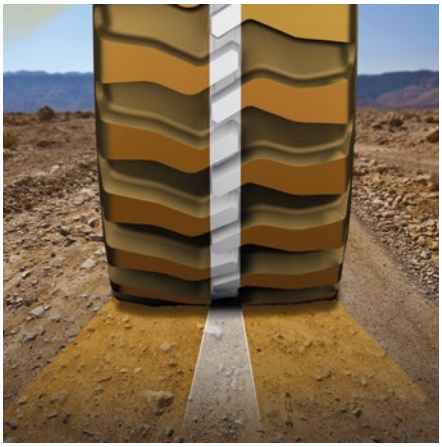
70E

The 70E tire is designed for tough off-road and construction-site usage on small construction vehicles.

Applications

- Construction sites
- Forestry
- Agriculture
- All terrain

The 70E can be fitted on small wheel loaders and telehandlers

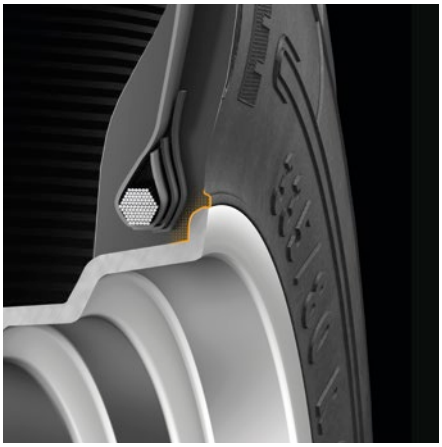


Two-fold pattern design

High work efficiency and low fuel consumption due to dense block configuration with open outer tread design

Symmetric pattern design

High traction capability in forward and backward direction ensures high work efficiency



Tight rim fit

Bead protection of sidewall reduces risk of flat tire

70E

Multi Purpose Tire

Tire size LI/SSY	Rim width	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Tire load capacity (kg) at tire pressure (bar)						Speed (km/h)
18 inch						**1.5**	**2.0**	**2.5**	**3.0**	**3.5**	**3.75**	
						1050	1325	1575	1825	2050	2175	50 Transport
365/70 R 18	**11x18**	350	969	428	2895*	1225	1550	1850	2125	2425	2550	25 Transport
135B/146A2	12x18	360				1450	1825	2175	2500	2850	3000	10 Loader
						2300	2900	3475	4025	4550	4800	0 Loader
20 inch						**1.5**	**2.0**	**2.5**	**3.0**	**3.5**	**3.75**	
	11x20	324				1075	1350	1625	1875	2125	2250	50 Transport
335/80 R 20	11-20 SDC	324	1040	485	3145*	1275	1600	1900	2200	2475	2625	25 Transport
136B/147A2	12x20	334				1475	1850	2225	2575	2900	3075	10 Loader
	12-20	334				2375	2975	3575	4125	4650	4925	0 Loader
	11x20	372				1250	1550	1875	2150	2450	2575	50 Transport
365/80 R 20	11-20 SDC	372	1098	500	3302*	1500	1875	2250	2600	2925	3100	25 Transport
141B/153A2	12x20	382				1750	2200	2650	3050	3450	3650	10 Loader
	12-20	382				2825	3550	4250	4900	5550	5850	0 Loader
	13x20	400				1300	1650	1975	2275	2375	2725	50 Transport
405/70 R 20	13-20 SDC	400	1064	486	3227*	1600	2025	2400	3000	3150	3300	25 Transport
143B/155A2	12x20	390				1875	2350	2800	3250	3675	3875	10 Loader
						3000	3750	4475	5200	5900	6200	0 Loader

MPT 70E

Multi Purpose Tire

Tire size LI/SSY	Rim width	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circum-ference (mm)	Tire load capacity (kg) at tire pressure (bar)						Speed (km/h)
18 inch						**1.5**	**2.0**	**2.5**	**3.0**	**3.5**	**3.75**	
						750	1010	1200	1380	1560	1650	Transport 70
	9x18	**313**				850	1130	1345	1545	1750	1850	Transport 50
325/70 R 18 MPT	10x18	323	933	423	2863	1000	1245	1480	1700	1920	2010	25
125E/138A2	11x18	333				1175	1465	1740	2000	2260	2360	Loader 10
						1880	2345	2785	3200	3615	3775	Break out 0

* Loaded static radius and rolling circumferences are calculated.
Specifications are subject to change without notice.
For other rims contact your Continental specialist.

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.

- Tire, rim and the tube (if required) have to be compatible.
- The tires have to be suitable for the vehicle and the rim has to be approved by the tire manufacturer for this tire size.
- Use always tools which are suitable for this operation.
- The rim has to be cleaned and show no signs of damage. Don't use rims with cracks, deformations or repair weldings.
- 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.
- In case of mounting with tube and/or flap use the right size.
- Always use a new valve for a tubeless mounting.
- 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.
- The upright way of mounting is the preferred method, because the seating of both beads can be monitored easily.
- To simplify the seating of the beads when mounting tubeless, the valve insert shouldbe out until the tire keeps air.
- During the inflation of the tire a safety distance to the tire has to be ensured (see sketch). In the orange marked hazard zoneno people are allowed. It is an express recommendation to use a mounting cage.
- 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. 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

Principles of Ballasting

The basic rule for ballast is: as little as possible, as much as necessary, because (too) much ballast can cause problems. Drivers and owners not only have to reckon with increased energy consumption when accelerating, braking and driving uphill, but also with increased wear and tear on driving and braking parts. increased wear and tear on the vehicle's driving and braking parts. Soil compaction in the field can also increase. In some cases, ballasting is necessary for operational reasons to ensure driving safety and traction.

! With any form of ballasting it is essential to consider the total weight of the vehicle.

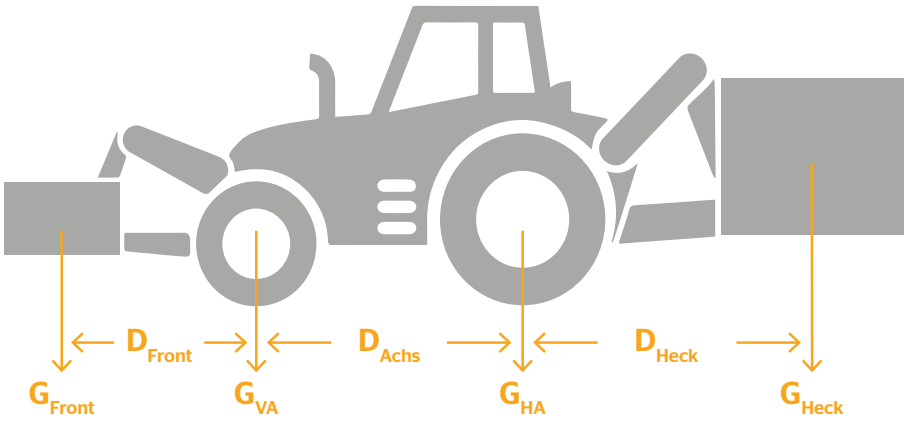
Ballast target

Basically, there are three main reasons for the use of ballast:

- More traction
- Less slippage
- More efficiency

Ballast	Advantages	Disadvantages
Ballast weights for three-point hydraulics	Easy to fit and remove and can be used on front and rear hydraulics	Weights usually have a fixed total mass and have no removable plates
suitcase weights	Possibility of precise ballasting	Handling more uncomfortable than than with three-point hydraulics
Wheel weights	Fixed ballast for the whole vehicle	Assembly and disassembly are very cumbersome and involve a certain safety risk
Water filling	Affordable	Reduced damping comfort, driving with low tyre pressure and maximum contact area not possible, use of antifreeze necessary, etc.

Principles of Ballasting



G_{VA} = Front axle unladen weight

G_{HA} = Rear axle unladen weight

G_{Front} = Front unit/ballast weight

G_{Heck} = Rear unit weight

D_{Front} = Distance from front axle to front implement

D_{Achs} = Distance between axes

D_{Heck} = Distance from rear axle to centre of gravity of the rear unit

Axle load calculation:

$$HA = \frac{VA = G_{VA} + G_{Heck} + G_{Front} + G_{Heck} - HA}{D_{Achs}} \qquad VA = G_{VA} + G_{Heck} + G_{Front} + G_{Heck} - HA$$

Example calculation:

A tractor with a front axle load of 3,000 kg and a rear axle load of 4,000 kg (empty) with a 1,000 kg front weight and a 2,500 kg seed drill at the rear. From the centre of gravity of the front weight to the front axle is 1.5 m, from the front axle to the rear axle is 3.5 m. 3.5 m and from the rear axle to the centre of gravity of the implement 2 m.

$$HA = \frac{4.000 * 3,5 + 2.500 * (3,5 + 2) - 1.000 * 1,5}{3,5} \qquad VA = 3.000 + 4.000 + 1.000 + 2.500 - 7.500 \text{ kg}$$

$$HA = \qquad VA = 3.000 \text{ kg}$$

The resulting axle loads are 3,000 kg at the front (VA) and 7,500 kg at the rear (RA). As the axle loads are distributed over two wheels, the wheel loads are 1,500 kg at the front and 3,750 kg at the rear.

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, transformators, 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.

Multiple tyres

Definition

Multiple tyres are a combination of two or more tyres of the same type and size and with approximately the same H/B ratio.

Target

Increasing the traction and load capacity of the tyres in use

- Rules and regulations
- Same dimensions
- All tyres of the same design
- All tyres have the same inflation pressure
- Same wear
- Axle load is divided according to the number of tyres (e.g. by three for twin tyres)

According to ETRTO specifications, a load capacity of 0.88 bar per wheel can be expected with twin tyres. A pair of twins is allowed 1.76 times that of a single tyre with the same inflation pressure of a single wheel with the same inflation pressure. ' The inflation pressure of the maintenance tyres is the same as that of the standard tyres, but at least 1 bar

Mini-LD, 0,6 bar

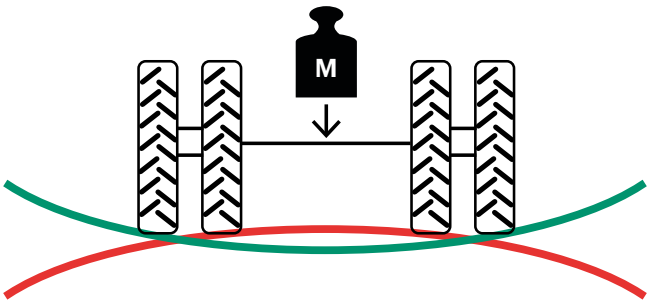
recommended space
15 – 20 cm

To protect the soil, the air pressure should be reduced according to the extended carrying capacity.

In the case of multiple tyres, the inner wheel is often not strong enough to absorb the forces. If necessary, the pitch circle of the rim should be reinforced. The connecting material must be able to withstand high tensile and torsional forces. It is also important to ensure that there is sufficient space between the tyres to avoid damage to the sidewalls (see graphic).

Good to know

With twin tyres, it is not allowed to carry the double load, as roads and tracks are slightly curved, mostly convex (red). Thus, the inner dual tires would carry more than the outer ones. To ensure that these are not overloaded, the ETRTO has defined a reduction of 12% as a reserve. For concave roads and tracks (green), the same applies to the load on the outer tyres.



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 lossen 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 steel 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.

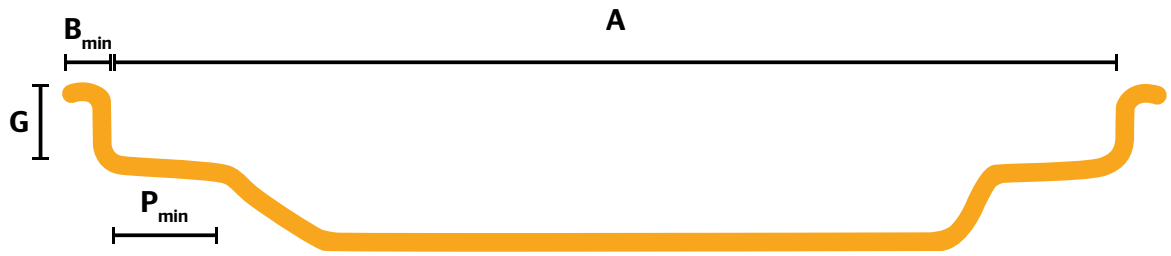
If you're not sure which pressure you need, dimension specific information can be found in the data sheet for each tire size individual. If you are still not sure and need help, get in touch with your local Continental tire dealer or contact directly the Continental sales representative for your Country.

Maintenance and Care

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

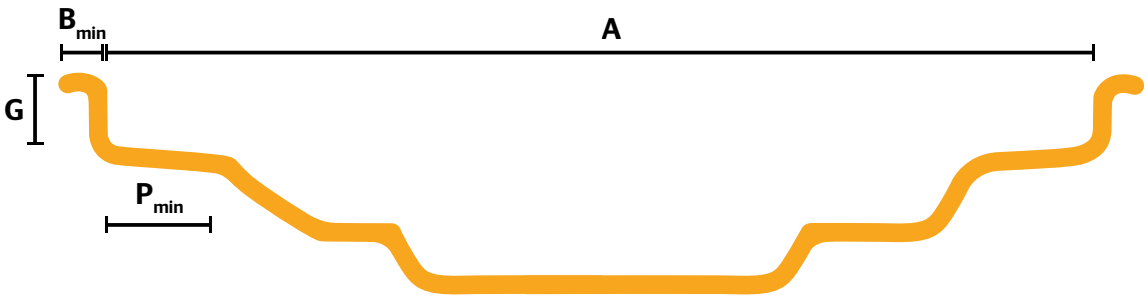
- Ride the tire always at the right inflation pressure (see recommendations in chapter “The Correct Inflation Air Pressure”). Air pressure that is too low supports rapid wear. If the sidewall deflection is too high, there is the risk of losing the connection between tire and rim. Also the heat generation 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 curse. 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 B_{min} [mm]	Bead Seat Width P_{min} [mm]
W-Contour	W6	152,5	22,5	10	23,5
	W7	178			
	W8	203			
	W8L	203		11,5	27
	W9	228,5	25,5		
	W10	254			
	W10L	254	22,5		
	W11	279,5	25,5		
	W12	305			
	W13	330			
	W14L	355,5			
	W15L	381			33
	W16L	406,5			
	W18L	457			

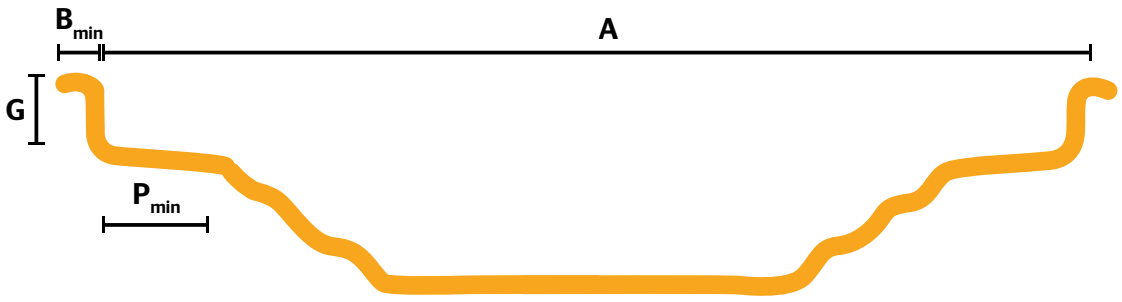
DW-Contour



Rim Type	Rim Contour	Specified Width A [mm]	Flange Height G [mm]	Flange Width B_{min} [mm]	Bead Seat Width P_{min} [mm]
DW-Contour*	DW10	254	25,5	11,5	27
	DW11	279,5			
	DW12	305			
	DW13	330			
	DW13L	330			36,5
	DW14L	355,5			
	DW15L	381			
	DW16L	406,5		16	
	DW18L	457			
	DW20B	508	29	21	50,5
	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)

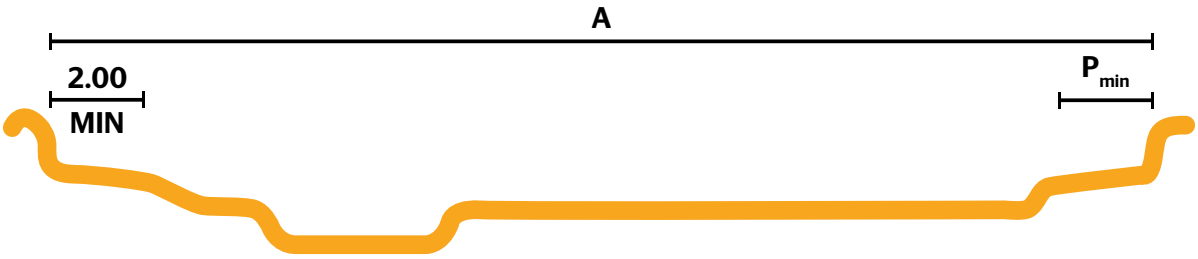
TW-Contour



Rim Type	Rim Contour	Specified Width A [mm]	Flange Height G [mm]	Flange Width B_{min} [mm]	Bead Seat Width P_{min} [mm]
TW-Contour*	TW13	330	25,5	11,5	27
	TW14L	355,5			36,5
	TW15L	381			
	TW16L	406,5		16	
	TW18L	457			
	TW20B	508	29	21	50,5
	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)

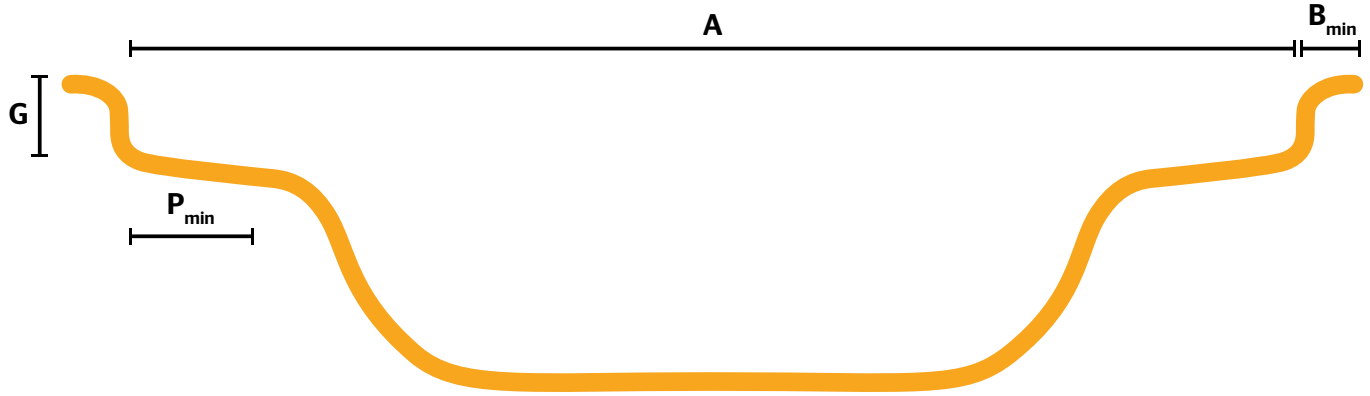
MW-Contour



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			

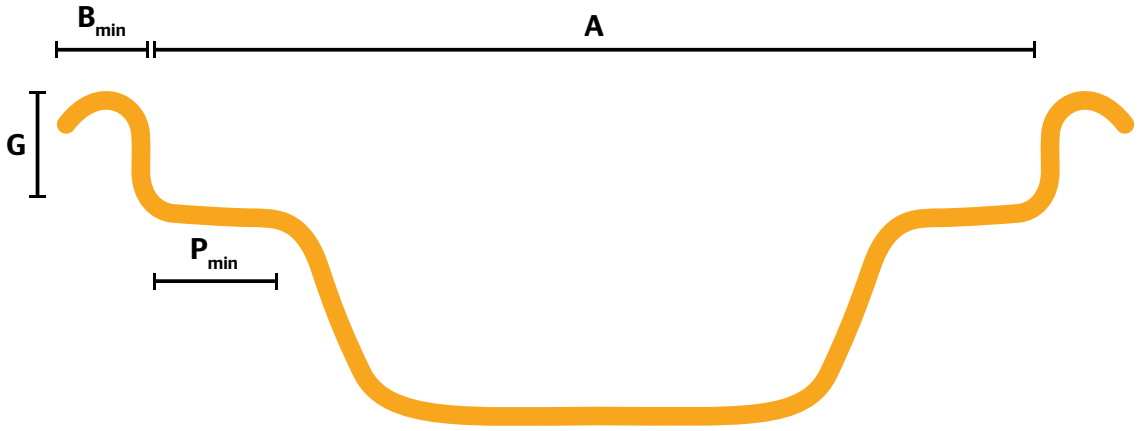
** Tire and rim

DD-Contour



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

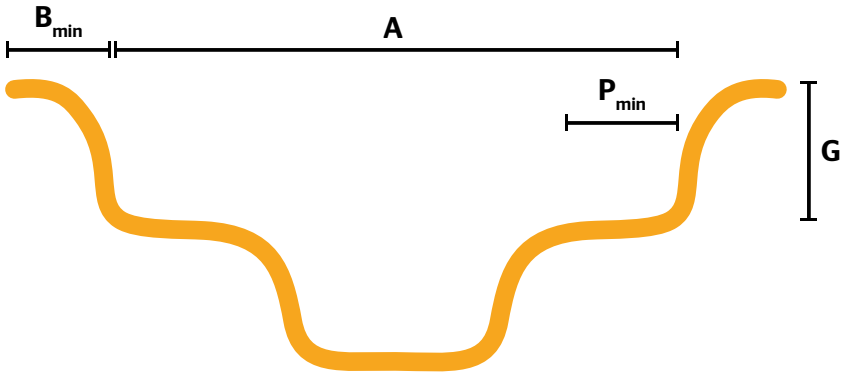
DH-Contour



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

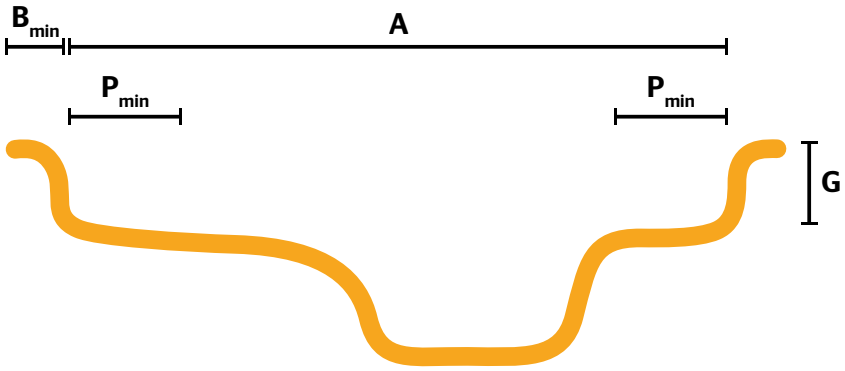
* DHB rim replace DH rim and can be used with full interchangeability. (ETRTO)
** Tire and rim

5° Drop-Center Symmetric



Rim Type	Rim Contour	Specified Width A [mm]	Flange Height G [mm]	Flange Width B_{min} [mm]	Bead Seat Width P_{min} [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

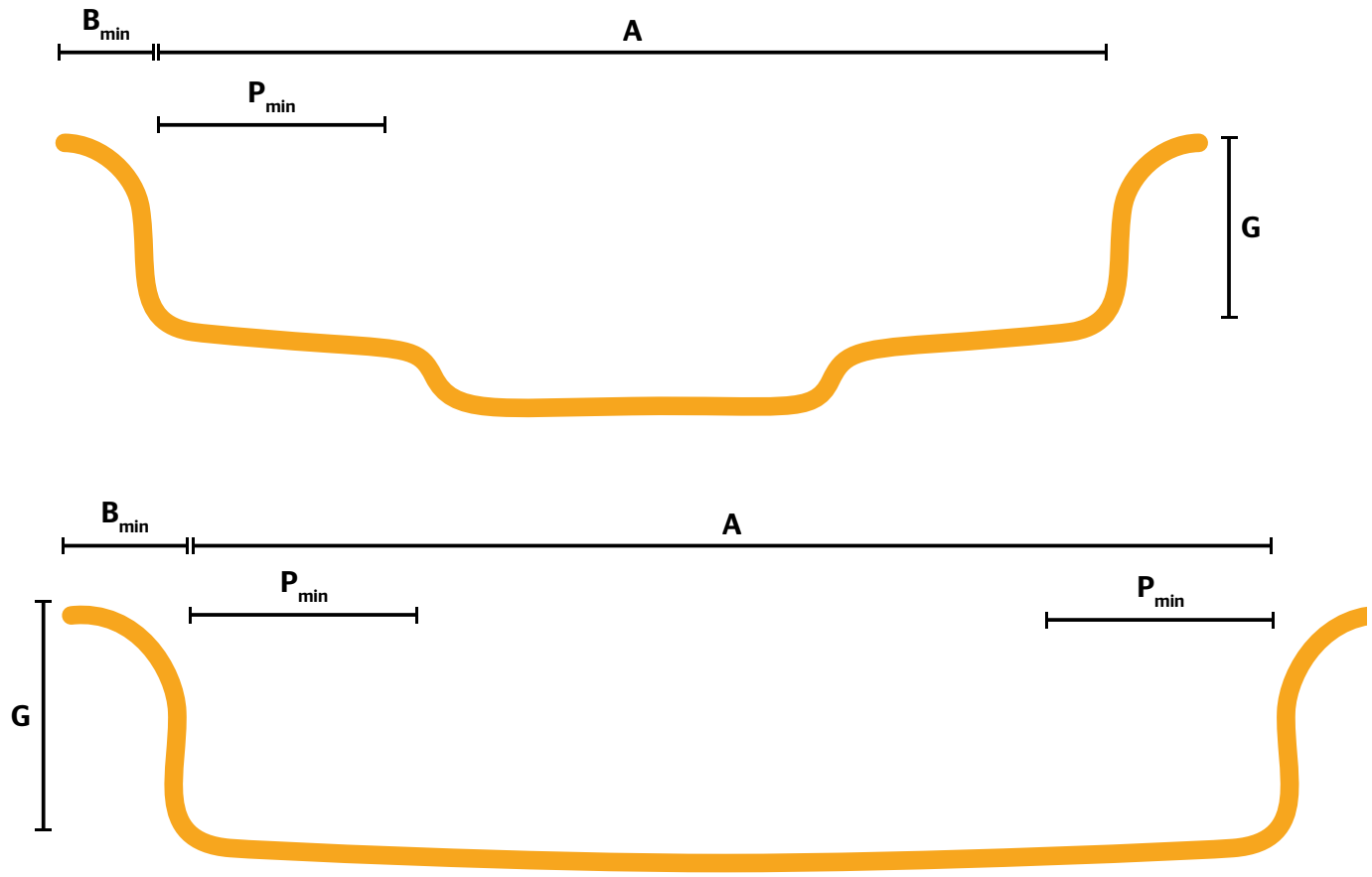
5° Drop-Center Asymmetric



Rim Type	Rim Contour	Specified Width A [mm]	Flange Height G [mm]	Flange Width B_{min} [mm]	Bead Seat Width P_{min} [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			
	13.0	330			47
	13.00	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

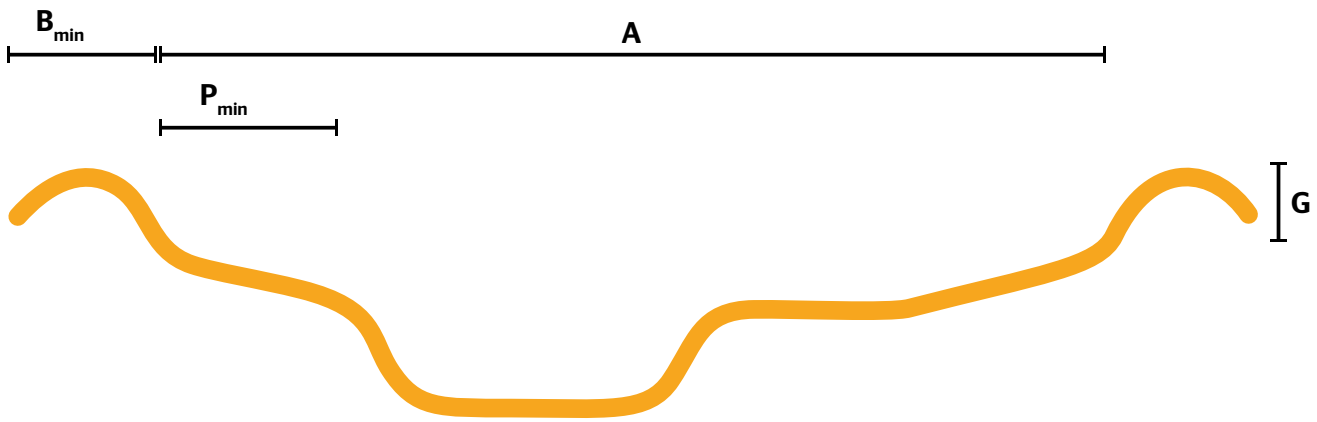
5° Semi-Drop-Center (SDC)



Rim Type	Rim Contour	Specified Width A [mm]	Flange Height G [mm]	Flange Width B_{min} [mm]	Bead Seat Width P_{min} [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			
	16.00 T	406,5	35,5	23	
	36.00 VA**	914,5	43,2	24,6	59,7
5° Full-Tapered	36.00 TH**	914,5	38,1	27,9	
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 B_{min} [mm]	Bead Seat Width P_{min} [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			
	AG 16.00	406,5			
	AG 18.00	457		19-29	44
	AG 20.00	508			
	AG 22.00	559			
	AG 24.00	609,5			
	AG 26.00	660,5			
	AG 28.00	711			

** Tire and Rim

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