

BRIDGESTONE

Get more out of nature today... and tomorrow

New VT-TRACTOR

Low fuel consumption

Reduced soil compaction

Great traction



Soil Care
by Bridgestone

Farmers today find themselves on the frontline of a rapidly changing world. Exponential population growth, pressure on arable land, ever-stricter environmental controls and changing patterns of consumption... the pressure on farmers to boost productivity is greater than ever. Which is why Bridgestone, the world's largest tyre and rubber manufacturer, has poured all its **experience, expertise** and above all **passion** into developing VT-TRACTOR, an advanced premium agricultural tyre that helps farmers **work faster, carry higher loads, harvest greater yields** and **consume less fuel** - all while **protecting their (and our) most precious resource: fertile soil.**

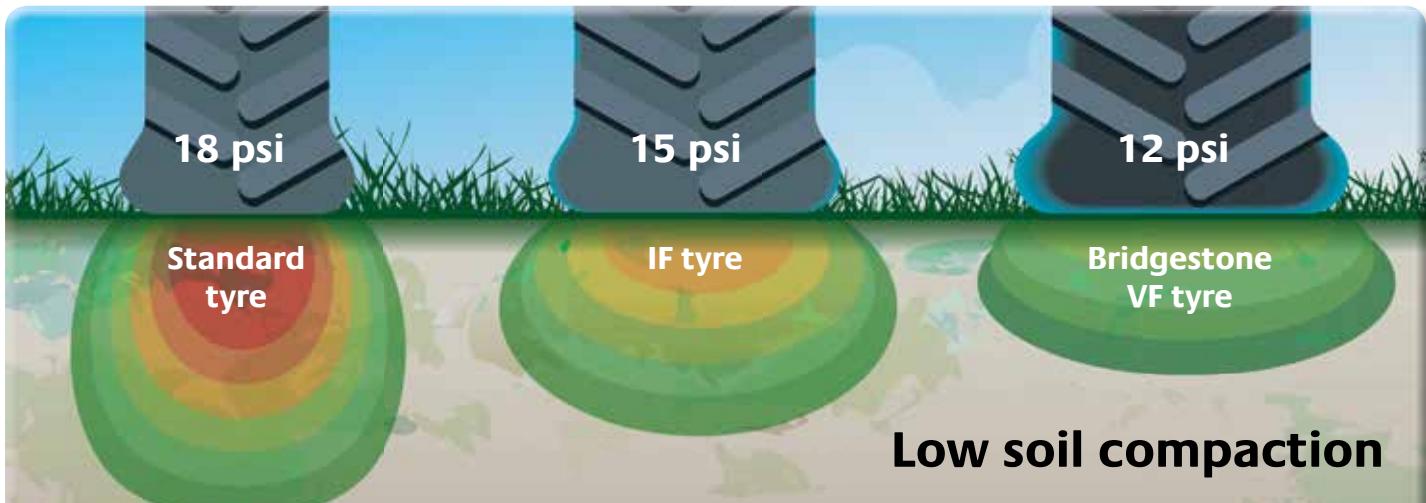
**Bridgestone VT-TRACTOR tyres.
Get more out of nature today... and tomorrow.**



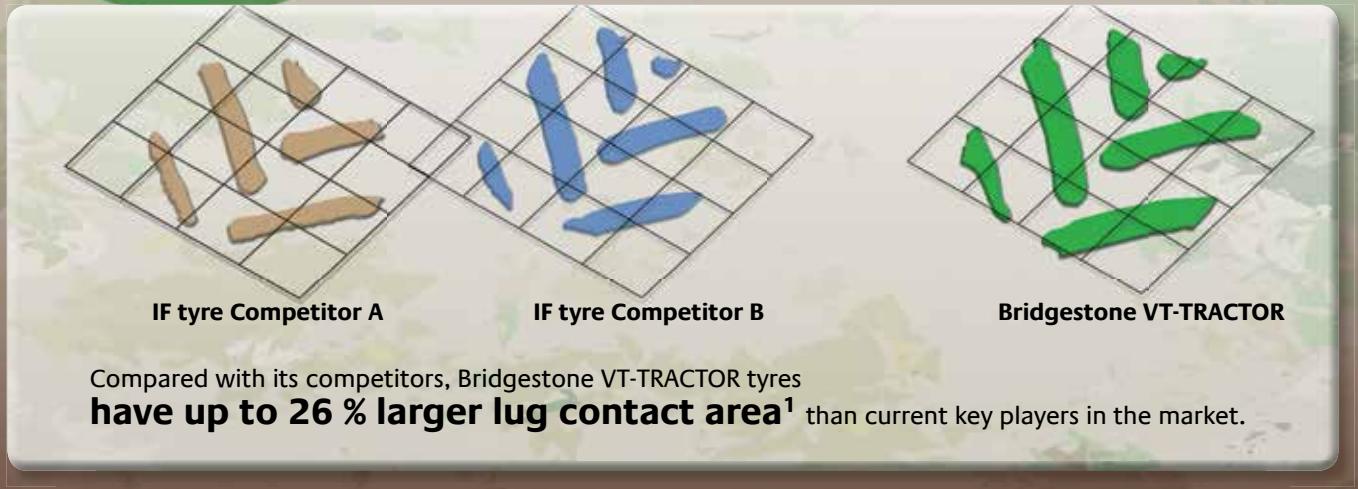
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Higher yield

Because of their larger footprint, VT-TRACTOR tyres reduce soil compaction contributing to higher yield.



Low soil compaction



New bead profile

Allows for greater flexing at lower pressure to reduce soil compaction.

"The ride comfort is fantastic with these tyres, and I've noticed the tyres leave a much smaller imprint in the soil than other tyres"



BT Produce (UK)
Paul Dunn
(Tractor Driver)
August 2014

⁽¹⁾ based on Bridgestone's internal testing conducted in Bernburg (Saxony-Anhalt, Germany) in March 2014 with sizes IF 600/70 R30 and IF 710/70 R42 (at inflation pressures 18 & 15 psi) and VF 600/70 R30 and VF 710/70 R42 (at inflations pressures 15 & 12 psi) using XSENSOR™ pressure imaging technology. For more information please contact Bridgestone on www.bridgestonetires.co.nz



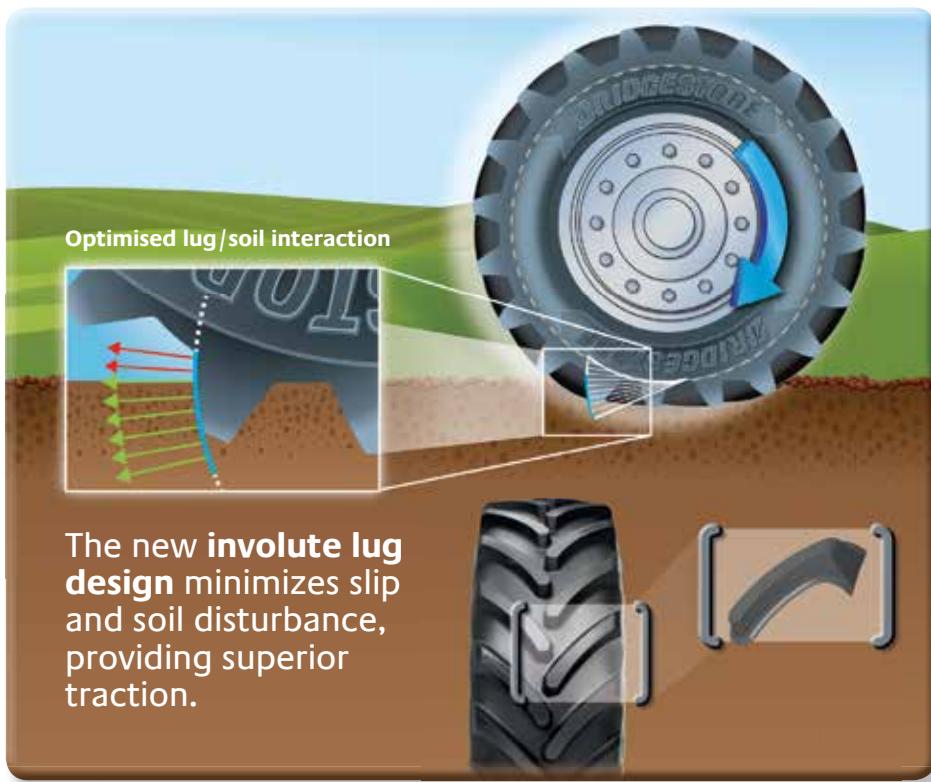
Increased productivity

Bridgestone VT-TRACTOR tyres offer superior traction to enable farmers to work faster.



Faster working

When you use Bridgestone VT-TRACTOR tyres you can cover **about 0.9 hectare more in a day¹** compared with current key players in the market.



“Outstanding level of traction, highly appreciated ride comfort and easy handling”



Top Farms (Poland)
Marcin Kupina
(Fleet and Technical Manager)
August 2014

“The tyres have an outstanding traction and it's remarkable how they make handling easier and are more comfortable to drive”



Cuma Abellamesos SCG (Spain)
Jesús Marzo Pardo
(Head of Maintenance)
August 2014

¹ based on Bridgestone's internal testing conducted in Bernburg (Saxony-Anhalt, Germany) in March 2014 with sizes IF 600/70 R30 and IF 710/70 R42 (inflated to 18 and 15 psi) and VF 600/70 R30 & VF 710/70 R42 (inflated to 15 and 12 psi) using a towing tractor with a braking tractor to simulate load. For more information please contact Bridgestone on www.bridgestonetires.co.nz



Lower operating costs

*Soil Care
by Bridgestone*

Bridgestone VT-TRACTOR tyres reduce your operating costs further through fuel savings and higher efficiency on the road.

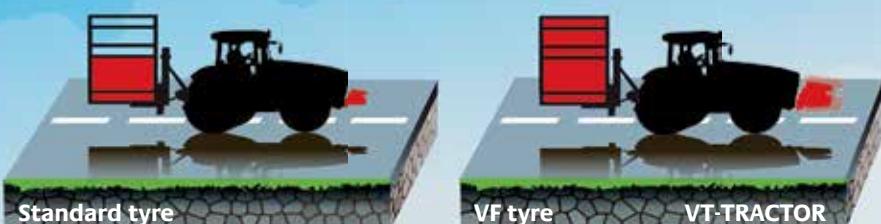


Less fuel consumption

The better traction of the Bridgestone VT-TRACTOR tyre brings fuel savings of **up to 36 litres/50hectares¹**.

Fewer transport cycles on the road

The Bridgestone VF tyre can carry **up to 40% heavier load** versus a standard tyre. The advantages? Fewer transport cycles on the road, lower costs.



“As contractor we work for our clients with the most modern machines, including the most modern tyres. This creates trust with our customers. With the VT-TRACTOR we have been noticeably more efficient because we save time and fuel”



Lohnbetrieb
Bengsch
(Germany)
Markus Bengsch
(Managing Director)
August 2014

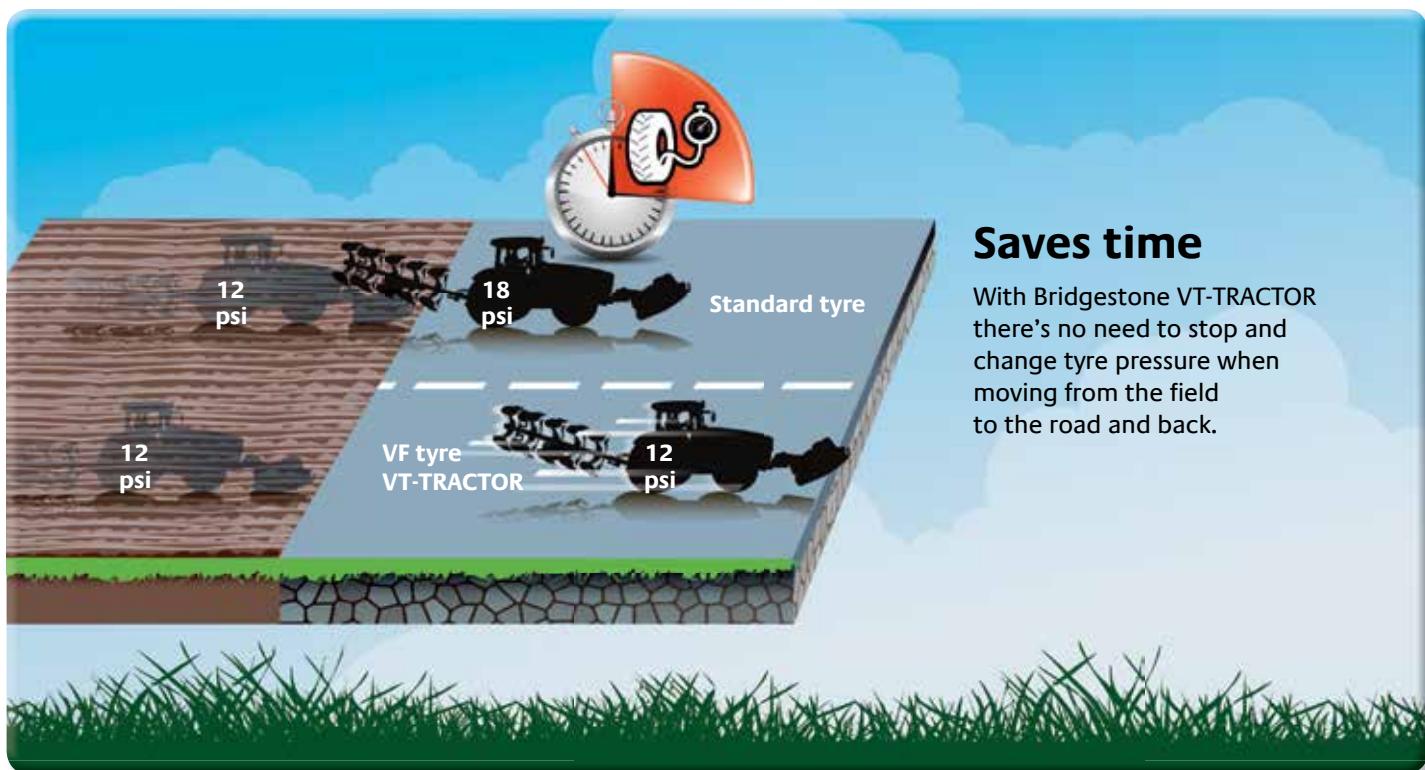
⁽¹⁾ based on Bridgestone's internal testing conducted in Bernburg (Saxony-Anhalt, Germany) in March 2014 with sizes IF 600/70 R30 and IF 710/70 R42 (inflated to 18 and 15 psi) and VF 600/70 R30 and VF 710/70 R42 (inflated to 15 & 12 psi) using a volumetric fuel-measurement technique. For more information please contact Bridgestone on www.bridgestonetires.co.nz



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Other benefits

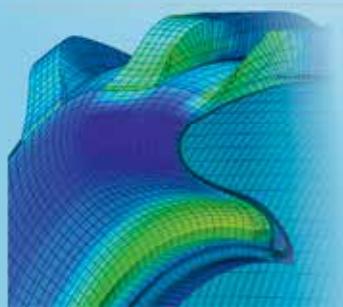
More efficiency and better ride comfort:
discover the additional benefits
of VT-TRACTOR.



Increased ride comfort

Flexible sidewall

The sidewall design absorbs more road surface imperfections for a smoother ride.



Longer bar

The new pattern design, with longer lugs, offers a smoother drive.



“The flexibility I get from not having to constantly change tyre pressures between the field and the road has really boosted productivity of this tractor”



JE Coning & Sons
(UK)
Richard Coning
(Farmer)
August 2014



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by Bridgestone

Technical info

Legend

	Unloaded section width (mm)
	Overall diameter unloaded (mm)
	Static loaded radius (mm)
	Rolling circumference (mm)
	Approved Rim
	Permissible Rim
	Narrow Rim Option (NRO)
	Inflation pressure (psi)
	Speed (Km/h)

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

- The load and cold inflation pressure imposed on the rim or wheel must not exceed the rim or wheel manufacturer's recommendations, even though the tyre may be approved for a higher load or inflation pressure.
- Loads & pressures shown in the data tables are calculated in accordance to the European Tyre and Rim Technical Organization guidelines.
- Tyre pressures shown in the data tables are the minimum pressures for the given load. The maximum tyre pressure shown in the data tables may not be exceeded in use.
- Tyre pressure should only be adjusted when the tyre is "cold" and should be checked / maintained regularly.
- Front axle: For use in cyclic service with a front loader maximum speed is 10km/h with a load variation of +40% and an inflation pressure increase of +12 psi. Cyclic service with front end loader means an intermittent load on a short distance. The load on the tyre must cycle between the maximum allowable by this table and the load given by the unloaded vehicle. This maximum load must not be carried from more than 1 km, involving minimum torque. Unloaded, the load on the tyre must not exceed the load capacity of the tyre. For transport, the vehicle must be unloaded.

Rim
R28

SW (mm)	OD (mm)	SLR (mm)	RC (mm)

VF480/65 R28 NRO 148D145E TL VT-TRACTOR (*)

470	1335	572	3947
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VF540/65 R28 NRO 154D151E TL VT-TRACTOR (*)

528	1413	606	4164
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VF600/65 R28 159D 156E TL VT-TRACTOR

602	1488	638	4390
-----	------	-----	------

VF600/70 R28 164D160E TL VT-TRACTOR

620	1550	654	4572
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R30

VF540/65 R30 NRO 155D 152E TL VT-TRACTOR (*)

528	1464	630	4337
-----	------	-----	------

VF600/70 R30 165D 161E TL VT-TRACTOR

603	1613	686	4773
-----	------	-----	------

VF710/60 R30 NRO 167D 164E TL VT-TRACTOR (*)

708	1614	692	4771
-----	------	-----	------

R34

VF540/65 R34 NRO 157D154E TL VT-TRACTOR (*)

528	1566	671	4620
-----	------	-----	------

VF600/65 R34 163D159E TL VT-TRACTOR

597	1644	706	4865
-----	------	-----	------

VF600/70 R34 167D164E TL VT-TRACTOR

611	1704	718	5043
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VF710/60 R34 NRO 169D 166E TL VT-TRACTOR (*)

708	1716	736	5073
-----	------	-----	------

Approved Rim	Permissible Rim	Narrow Rim Option (NRO) →↔	Tyre maximum load (kg) at tyre pressure (psi)						Speed (km/h)	
			9 psi	12 psi	15 psi	18 psi	21 psi	24 psi		
W16L		W15L (**)	1725	2060	2360	2640	2900	3150	Up to 50	
				2060	2360	2640	2900	3150	65	
				1900	2175	2430	2670	2900	70	
W18L		W16L (**)	2060	2450	2800	3135	3450	3750	Up to 50	
				2450	2800	3135	3450	3750	65	
				2255	2575	2885	3175	3450	70	
DW21B	DW20B		2460	2925	3350	3710	4050	4375	Up to 50	
				2925	3350	3710	4050	4375	65	
				2675	3060	3395	3705	4000	70	
DW21B	DW20B		2685	3190	3650	4120	4570	5000	Up to 50	
				3190	3650	4120	4570	5000	65	
				2870	3280	3710	4115	4500	70	
W18L		W16L (**)	2150	2550	2900	3250	3570	3875	Up to 50	
				2550	2900	3250	3570	3875	65	
				2335	2665	2975	3270	3550	70	
DW21B	DW20B		2810	3300	3750	4235	4700	5150	Up to 50	
				3300	3750	4235	4700	5150	65	
				2965	3360	3800	4220	4625	70	
DW25B		DW23B (**)	3000	3525	4000	4505	4990	5450	Up to 50	
				3525	4000	4505	4990	5450	65	
				3235	3665	4135	4575	5000	70	
W18L		W16L (**)	2340	2725	3075	3440	3790	4125	Up to 50	
				2725	3075	3440	3790	4125	65	
				2475	2785	3125	3445	3750	70	
DW21B	DW20B		2775	3245	3650	4090	4490	4875	Up to 50	
				3245	3650	4090	4490	4875	65	
				2910	3285	3670	4030	4375	70	
DW21B	DW20B		2940	3495	4000	4505	4990	5450	Up to 50	
				3495	4000	4505	4990	5450	65	
				3205	3665	4135	4575	5000	70	
DW25B		DW23B (**)	3195	3750	4250	4795	5310	5800	Up to 50	
				3750	4250	4795	5310	5800	65	
				3430	3885	4380	4850	5300	70	



VF Very High Flexion Tyre

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“Very High Flexion Tyre” (VF) describes a pneumatic tyre structure in which the carcass is more resistant than that of the corresponding standard tyre¹. What are the benefits?

IN THE FIELD (low speed)

- Similar load
- Same speed
- Lower pressure

YOUR BENEFIT:

Operating at lower pressure reduces soil compaction and thus delivers a greater yield



ON THE ROAD (high speed)

- Same speed
- Same pressure
- **40% more load**

YOUR BENEFIT:

Carrying more load means fewer transport cycles on the road. You gain time and reduce operating costs.



MIXED

- Similar load
- Same pressure
- **Higher speed**

YOUR BENEFIT:

The load capacity is independent of speed, so there's no need to change pressure when moving from the field to the road. You gain time and improve efficiency.



You should never exceed either the recommendations from the vehicle manufacturer or the legal maximums for axle load or speed.

Rim	SW (mm) 	OD (mm) 	SLR (mm) 	RC (mm) 	Approved Rim	Permissible Rim	Narrow Rim Option (NRO) 	psi
R38								9
VF600/65 R38 164D160E TL VT-TRACTOR								
	597	1745	753	5164	DW21B	DW20B		2860
VF650/65 R38 NRO 169D 166E TL VT-TRACTOR (*)								
	650	1811	779	5342	DW23B	DW21B	DW20B (**)	3195
VF650/85 R38 179D 176E TL VT-TRACTOR								
	663	2071	875	6122	DW23B	DW21B DW20B		4165
VF710/70 R38 178D 175E TL VT-TRACTOR								
	715	1951	825	5749	DW25B	DW23B		4110
VF800/70 R38 184D 181E TL VT-TRACTOR								
	794	2085	882	6164	DW27B	DW25B		4935
VF900/60 R38 NRO 183D 180E TL VT-TRACTOR (*)								
	851	2045	876	6046	DW30B		DW28B (**)	4790
R42 VF650/65 R42 NRO 170D 167E TL VT-TRACTOR (*)								
	650	1913	820	5661	DW23B	DW21B	DW20B (**)	3365
VF710/70 R42 179D 176E TL VT-TRACTOR								
	735	2051	866	6063	DW25B	DW23B		4230
VF710/75 R42 181D 178E TL VT-TRACTOR								
	723	2125	895	6282	DW25B	DW23B		4530
VF900/50 R42 NRO 180D 177E TL VT-TRACTOR (*)								
	881	1967	844	5796	DW30B		DW28B (**)	4400
VF900/60 R42 NRO 185D 182E TL VT-TRACTOR (*)								
	851	2147	921	6334	DW30B		DW28B (**)	5085

Tyre maximum load (kg) at tyre pressure (psi)					Speed (km/h)
12 psi	15 psi	18 psi	21 psi	24 psi	
3330	3750	4195	4605	5000	Up to 50
3330	3750	4195	4605	5000	65
3000	3375	3775	4145	4500	70
<hr/>					
3750	4250	4795	5310	5800	Up to 50
3750	4250	4795	5310	5800	65
3430	3885	4380	4850	5300	70
<hr/>					
4920	5600	6355	7065	7750	Up to 50
4920	5600	6355	7065	7750	65
4510	5130	5820	6475	7100	70
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4815	5450	6165	6845	7500	Up to 50
4815	5450	6165	6845	7500	65
4430	5010	5670	6300	6900	70
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5760	6500	7375	8205	9000	Up to 50
5760	6500	7375	8205	9000	65
5280	5960	6760	7520	8250	70
<hr/>					
5690	6500	7300	8040	8750	Up to 50
5690	6500	7300	8040	8750	65
5200	5950	6670	7355	8000	70
<hr/>					
3965	4500	5035	5530	6000	Up to 50
3965	4500	5035	5530	6000	65
3600	4090	4570	5020	5450	70
<hr/>					
4955	5600	6355	7065	7750	Up to 50
4955	5600	6355	7065	7750	65
4540	5130	5820	6475	7100	70
<hr/>					
5305	6000	6790	7535	8250	Up to 50
5305	6000	6790	7535	8250	65
4825	5455	6170	6850	7500	70
<hr/>					
5140	5795	6565	7300	8000	Up to 50
5140	5795	6565	7300	8000	65
4685	5290	5990	6660	7300	70
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5940	6700	7595	8440	9250	Up to 50
5940	6700	7595	8440	9250	65
5460	6160	6980	7755	8500	70



Correct tyre pressure for the load and application maximizes the tyre's overall performance

NRO (Narrow Rim Option)

(*) Bridgestone tyres with a Narrow Rim Option (NRO) marking conform to a new Experimental Standard registered by the European Tyre and Rim Technical Organisation (ETRTO).

The NRO marking allows the use of a narrower rim width than normally permitted by ETRTO Standards for either IF or VF tyres of the same size.

Bridgestone NRO-marked tyres have two sets of unique sidewall markings as highlighted in the examples below:



Size marking:

VF 480/65 R28 **NRO** 148D/145E

(**) Only an IF or VF tyre with an NRO marking is allowed to be mounted on this narrower rim width option.

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