



TM1060. Enrich your farming.



Your land deserves the lightest touch

Over 50% of the carbon footprint in food production is produced by farming

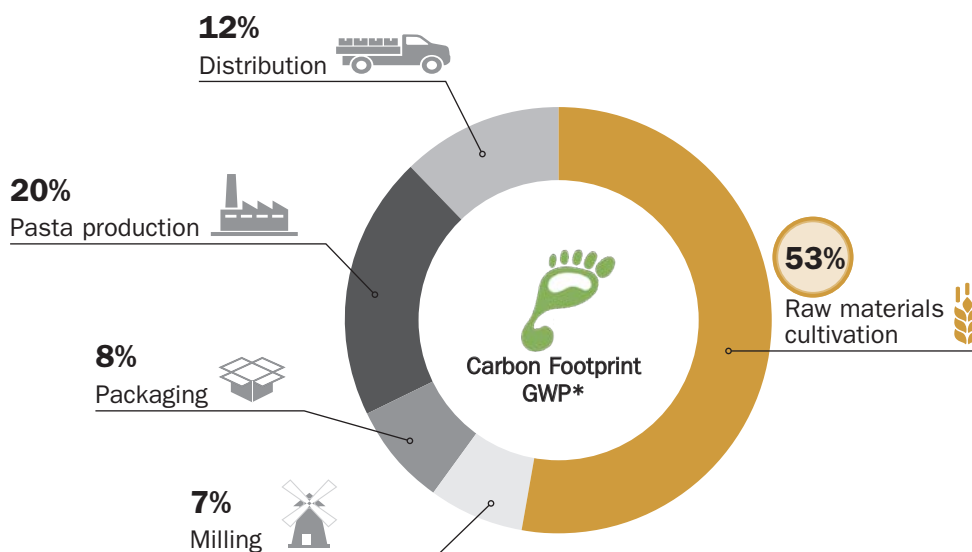
According to recent research into the food industry's environmental footprint, farming cultivation accounts for a significant proportion of CO₂ emissions in food production.

As a consequence, it is essential that the agricultural industry plays its part in boosting performance through the reduction of its environmental footprint.



Example of Cereal based food production

Lower is better



*GWP = Global Warming Potential: it represents emissions' contribution to the global warming and climate change on earth.



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Trelleborg TM1060 Enrich your farming

Trelleborg tires reduce your tractor's CO₂ emissions by 6%

The new BlueTire™ technology, recently launched by Trelleborg, guarantees the lightest touch on the earth.

As illustrated in the chart below, the Blue Tire technology represents a 6% reduction in carbon footprint over the working life of a Trelleborg tire.

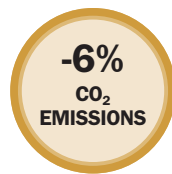


% of CO₂ emissions for a standard tire during its working life

100% OF CO₂ EMISSION



Standard Tire



94% OF CO₂ EMISSION



BLUE TIRE

Lower is better

*GWP = Global Warming Potential
LCA (life Cycle Assessment) certified by PE INTERNATIONAL

TM1060. The **3** key features of ProgressiveTraction.™

The unbeatable performance of the Trelleborg ProgressiveTraction™ is testament to its innovative double edge lug.

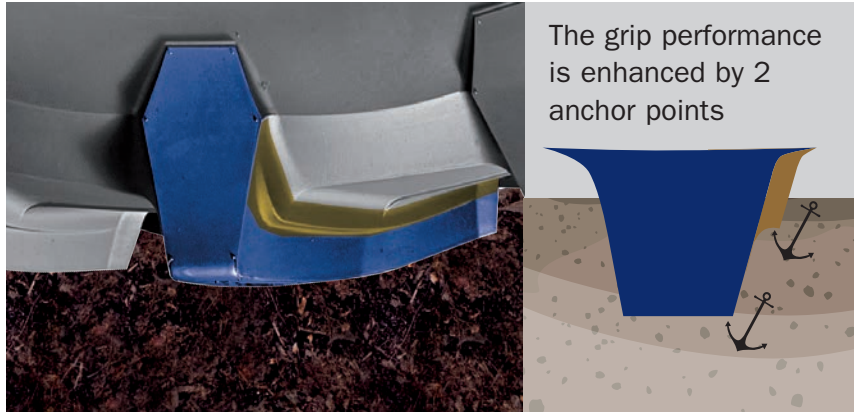
While its two points of anchorage boost grip, the stronger base of the lug significantly reduces vibrations, wear and fuel consumption.

In addition, the double edge lug also enhances the inter-lug terraces of the TM tires, maximising the self-cleaning capability of the tire.



1

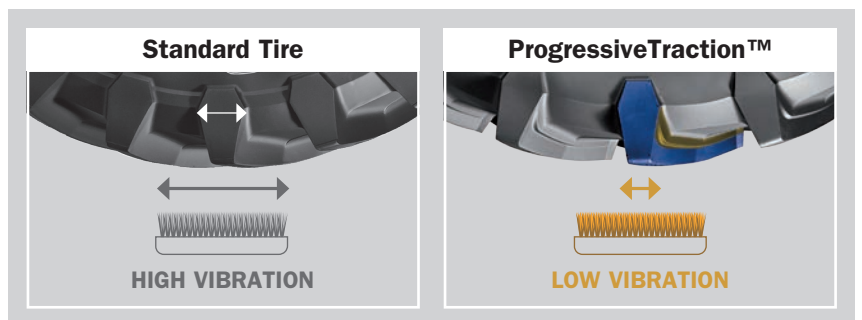
Dual anchor



2

Reduced vibrations

For a standard tire, the lug behaves like a “brush”. This accelerates the wear and increases the rolling resistance. The wider base of the ProgressiveTraction™ lug ensures a higher resistance to lug vibrations.



3

Enhanced Self-cleaning



The extra lug acts as an additional terrace on the unique Trelleborg™ tread profile, enhancing its great self cleaning capability and increasing the efficiency of the lug.

Unrivaled tread design

The new TM1060 tread design merges the best qualities of Trelleborg's agricultural radial products. Whilst the wing effect maximises the tread width, ensuring an extra wide footprint, the ProgressiveTraction™ technology boosts the traction capability. Furthermore, the increased sidewall flexibility leads to very low soil compaction without impacting on the superior tire strength.

Tire tread key features

ProgressiveTraction™

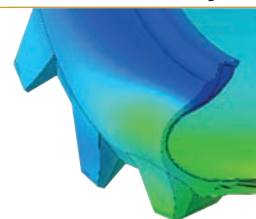
Trelleborg lug head design ensures a long life

The **interlug terraces** maximise self-cleaning

The **“wing effect”** enlarges the tread width

Dual angle lug shape increases traction & comfort

Extra sidewall flexibility

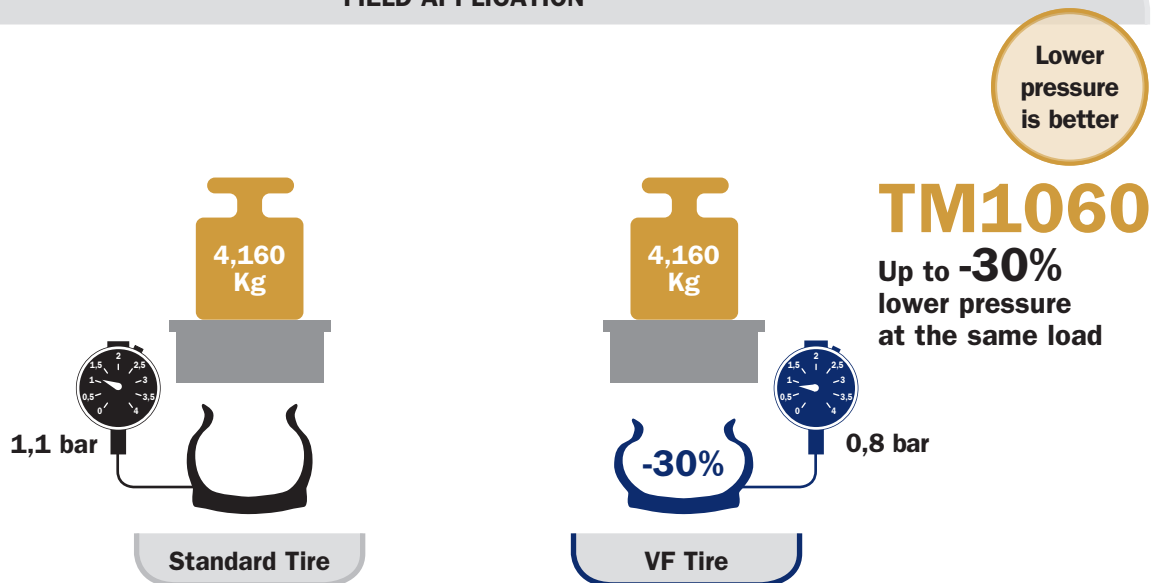


Additional efficiency

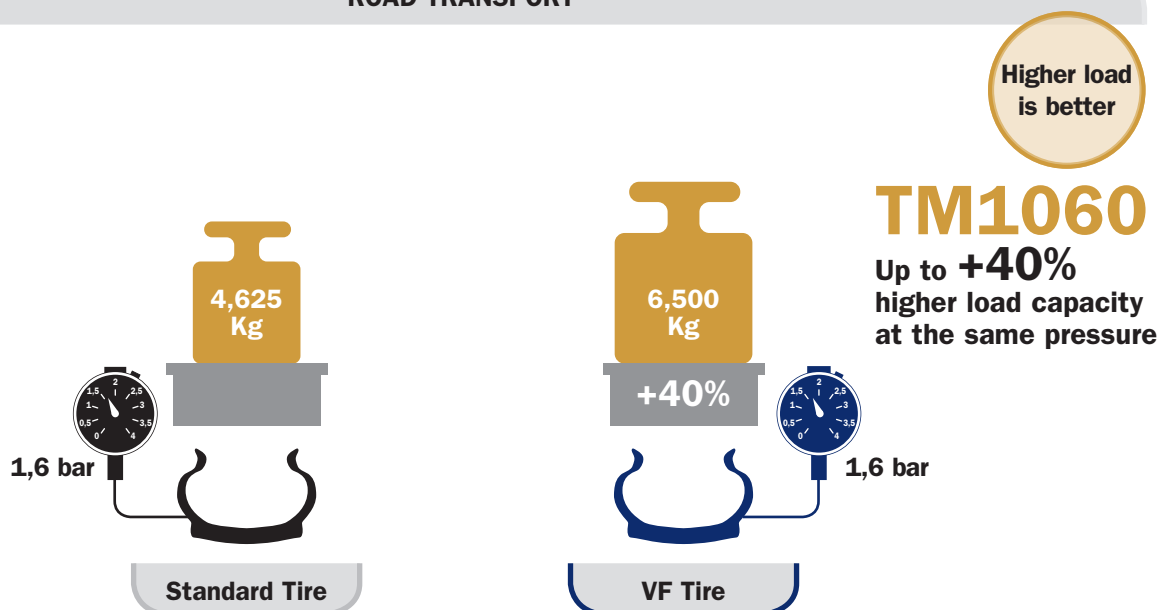
The TM1060 features a higher load capacity compared to the same sizes in Standard technology. The Trelleborg /60 series is a step ahead with regards to tires for medium and high power tractors, allowing the same load at lower

pressure or a higher load at the same pressure. The graphic below clearly shows the performance gap between 710/60R42 in Standard and VF versions.

FIELD APPLICATION



ROAD TRANSPORT

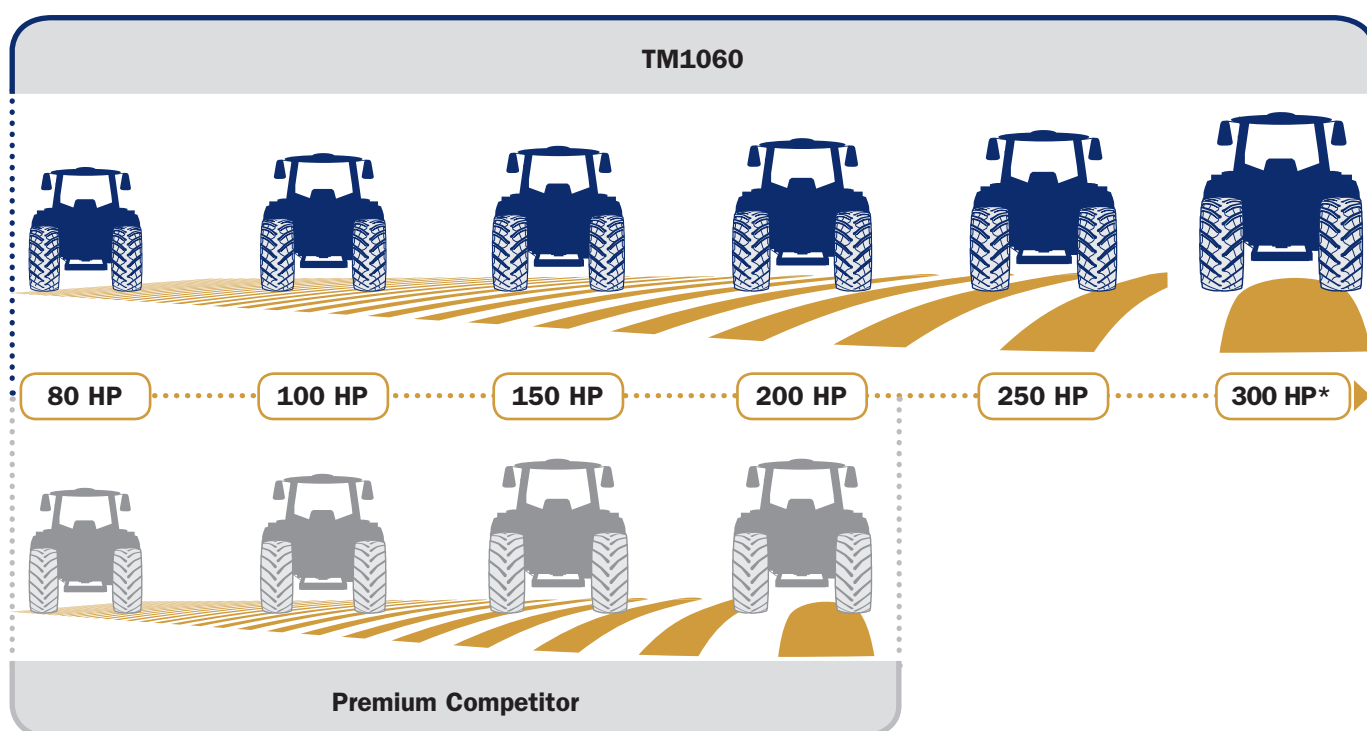


Wider tractor option



Without increasing the dimensions of the tires, the new TM1060 provides superior performance compared to the existing /60 series available on the market, being able to equip tractors up to 300hp - even using a narrow rim option.

Indeed, the high load capacity of this range permits the transfer of torque generated by modern transmissions of high powered tractors to the ground.



* refers to size VF 710/60R42

A multipurpose efficient solution



Modern farming requires overall efficient solutions. In this respect, the new Trelleborg TM1060 is the complete multipurpose tire able to satisfy the different needs of present and future agricultural operations. It is the perfect solution for those applications requiring low compaction and a wide

footprint like seeding and soil preparation, as well as for applications where high torque transfer is necessary, such as ploughing and tillage. Last, but not least, it guarantees low fuel consumption and emissions on the road.

FIELD



ROAD

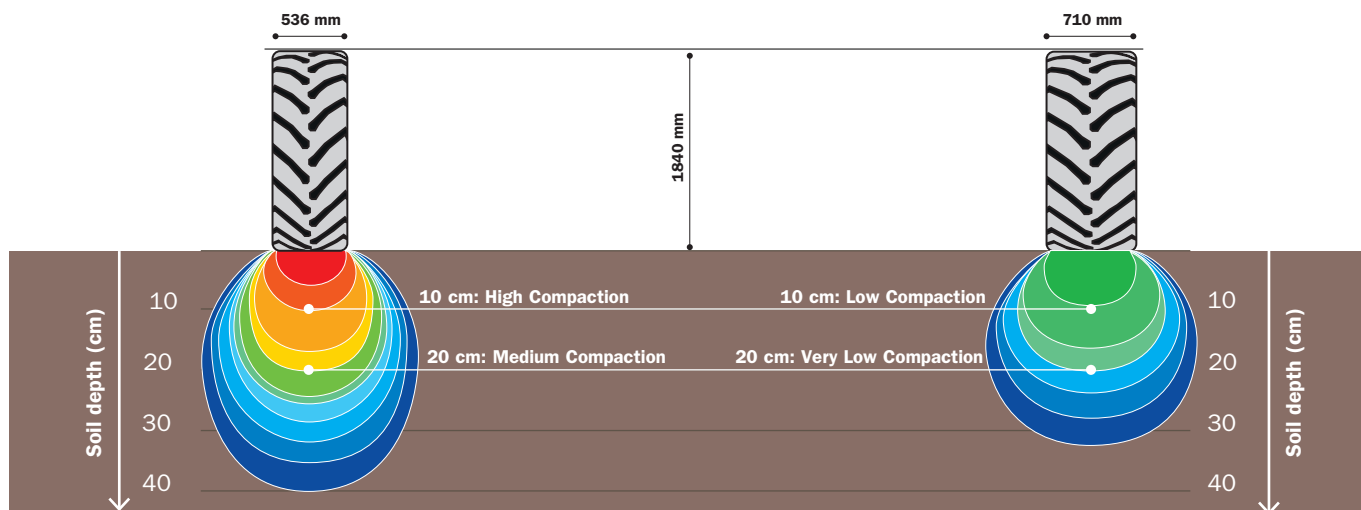


The widest footprint

The FEM Analysis (Finite Element Analysis) shows the degree of compaction gets rapidly worse and much deeper with a narrow tire. Recent research proves that at a 10 cm depth the soil compaction is double with the narrow solution and becomes triple at 30 cm depth. The wide TM1060 tire provides very low soil compaction, boosting the yield from the crops.



LOW SOIL COMPACTION BOOSTS THE YIELD FROM CROPS



Narrow Tire
Size: 520/85R42

TM1060
Size: VF 710/60R42

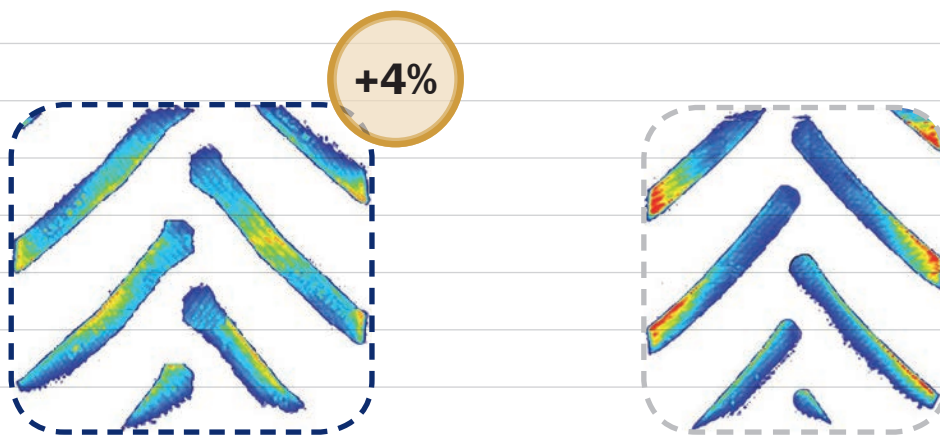
- Very High Compaction
- High Compaction
- Medium Compaction
- Low Compaction
- Very Low Compaction
- Zero Compaction

Test Conditions
Soil characteristics:
texture = sand 18% - silt = 47% - clay = 35%
pH: 7.3 - O.M.: 2.0%
Soil moisture: 18% - 20%

Even pressure distribution

The larger footprint area of the TM1060 minimises soil compaction, boosting the global efficiency and productivity of farming operations. The picture below shows the even pressure distribution of Trelleborg VF 710/60R42, compared to a premium brand Competitor.

FOOTPRINT COMPARISON Reference size: VF 710/60R42



TM1060

Premium Brand Competitor

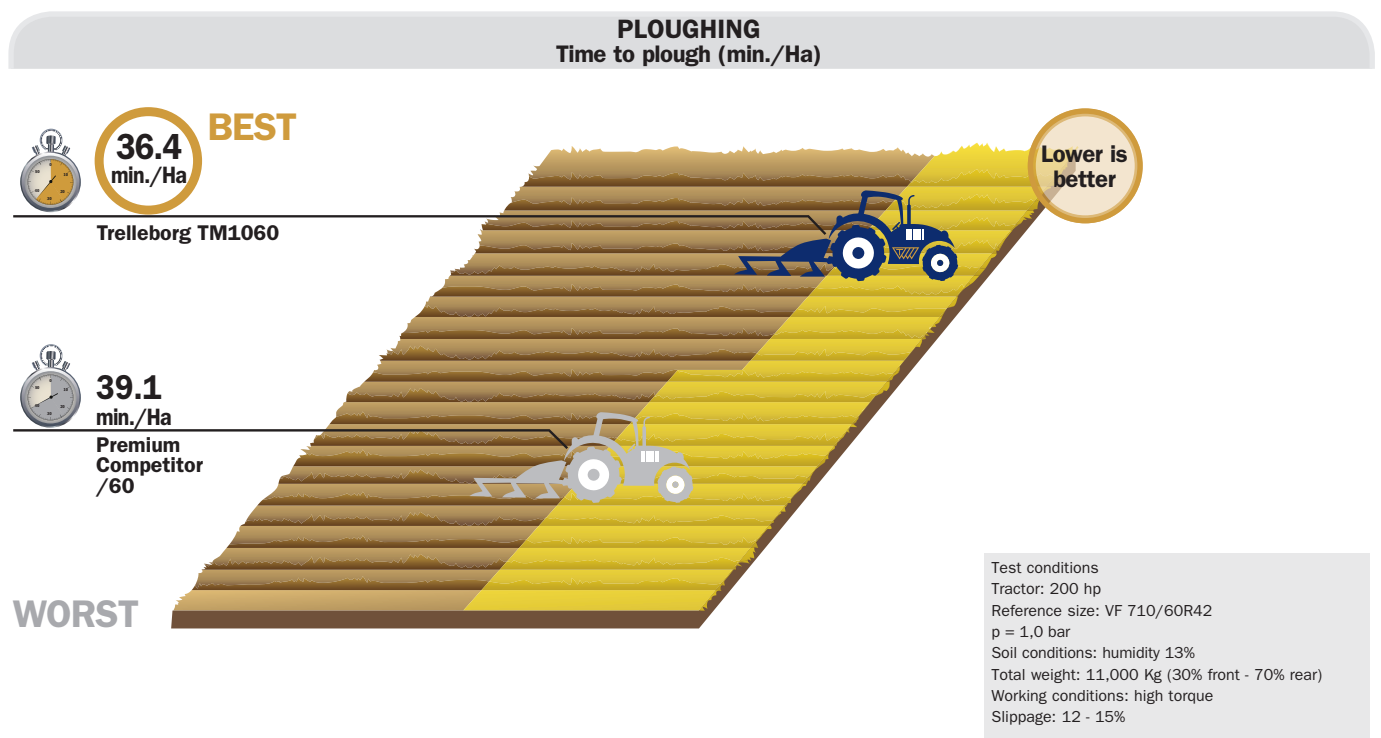


Test Conditions
Load: 4,625 Kg
p = 1,0 bar

Superior traction performance


During ploughing operations, the TM1060 reduces working time per hectare. This results in lower emissions and significant overall savings,

including costs such as fuel, maintenance and manpower.




TIME TO PLOUGH 500 Ha
(vs. premium Competitor)

up to 23
hours saved



=



1,750 € saved

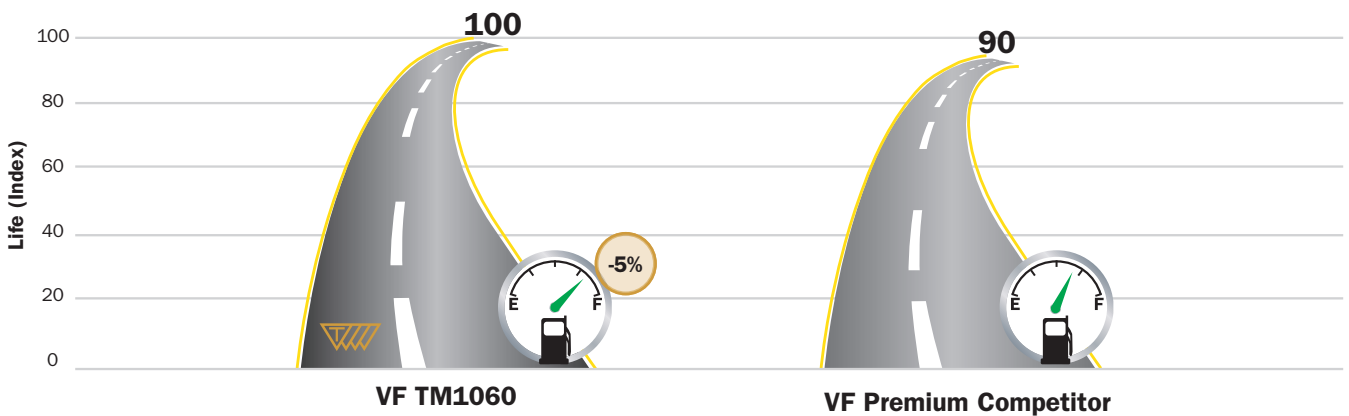
- Average working costs per hour = 75 €
- Including cost evaluation related to the tire wear performance

Premium road performance

The reduced “brush” effect of the lug prevents the energy dissipation, positively influencing the rolling resistance. With this reduction of wasted energy, the fuel consumption is reduced

and the lifetime of the tire increases as much as 350 hours vs. a premium Competitor. The outcome is a reduced total cost of ownership of the tire.

MILEAGE AND FUEL CONSUMPTION 50% field - 50% road



Test conditions
50% road, 50% field
Tractor: 200 hp
Fuel cost: 0.65 €/lt



Your TM1060 uses
5% less fuel and lasts
350 hours more than a
premium Competitor



On the road, save up to
900 € after **1,000 hours**
vs. a premium Competitor



TM1060

SIZE	Tread Pattern	Nominal Load Kg	SW mm	OD mm	SLR mm	RC mm	SRI	Rim	Standard Rim Option (NRO) **	Type
VF 520/60R28 149D	TM1060	3250	520	1340	575	3985	650	DW18L	W18L - W16L - DW16L	TUBELESS
VF 600/60R28 157D	TM1060	4125	600	1420	605	4205	675	DW20B	DW18L - DW21B	TUBELESS
VF 600/60R30 158D	TM1060	4250	595	1490	625	4420	700	DW20B	DW18L - DW21B	TUBELESS
VF 600/60R38 168D (165E)		In preparation								
VF 650/60R38 166D	TM1060	5300	655	1735	755	5190	825	DW23B	MW23B - DW20B	TUBELESS
VF 710/60R38 171D	TM1060	6150	715	1820	785	5420	875	DW25B	MW25B - DW23B	TUBELESS
VF 710/60R42 173D (170E)	TM1060	6500	715	1930	835	5735	925	DW25B	MW25B - DW23B	TUBELESS
VF 750/70R44 183D	TM1060	8750	770	2195	945	6510	1025	DW25B	-	TUBELESS

** NRO = Narrow Rim Option

Corresponding Standard Size

SRI	VF SIZE	80-85 SERIES	75 SERIES	70 SERIES	65 SERIES	60 SERIES	50 SERIES
650	VF 520/60R28	380/85R28	420/75R28	420/70R28 480/70R26	480/65R28 540/65R26		
675	VF 600/60R28	380/85R30 420/85R28	480/75R28	420/70R30 480/70R28	540/65R28		
700	VF 600/60R30	420/85R30	480/75R30	480/70R30	540/65R30 600/65R28		
825	VF 650/60R38	460/85R38	520/75R38	520/70R38 710/70R34	650/65R34 600/65R38	710/60R34	
875	VF 710/60R38	520/85R38	580/75R38	580/70R38 620/70R38	650/65R38 710/65R38		
925	VF 710/60R42	520/85R42 480/80R46	650/75R38	710/70R38 580/70R42 620/70R42	650/65R42 750/65R38	750/60R42 850/60R38	900/50R42
1025	VF 750/70R44	710/85R38 650/85R42 680/80R42	710/75R42	710/70R46	710/65R46	900/60R42	

For Corresponding Standard Size, kindly contact Trelleborg expert in your area.

SRI = Speed Radius Index - value to be used for the calculation of the theoretical tractor speed during European Union homologation and for the interchangeability of different Tire sizes.

Load Calculator.
Boost your productivity.

The TLC precisely identifies the load per axle of your tractor and the optimum tire pressure for each farming application.

Download the new Trelleborg free App to boost the productivity of your business.

Or visit www.trelleborg.com/wheels





TM 1050

710/50-R 42

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TM 1050



Trelleborg is a world leader in engineered polymer solutions that seal, damp and protect critical applications in demanding environments. Our innovative engineered solutions accelerate performance for customers in a sustainable way. The Trelleborg Group has local presence in over 40 countries around the world.

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