

TM1000 ProgressiveTraction.® Enrich your farming.



Download the App for free



Tire iBrochure

TM1000 ProgressiveTraction.®

Enrich your farming.

In the next decades, the agricultural sector will be asked to feed the world's growing population while meeting the higher demand for biofuels and other renewable sources of energy. Within this context, Trelleborg keeps enlarging the offer with new technologies, products and services aimed at increasing both productivity and environmental care.

To meet these challenges of professional farming, Trelleborg upgrades its flagship tire range, the TM1000, enriching the tread with the highly successful, multi-award-winning ProgressiveTraction® technology.

The new TM1000 ProgressiveTraction®, engineered according to the VF standards, is an innovative product which provides superior flotation, with consequent less stress on the soil and unbeatable traction.

On the road, the new range guarantees lower fuel consumption and emissions, premium handling and comfort while extending the life time to boost farming efficiency.



**PREMIUM
TRACTION**



**REDUCED
FUEL
CONSUMPTION**



**SUPERIOR
FLOTATION**



**PREMIUM
COMFORT**



**EXTENDED
TIRE LIFE**



**EXCELLENT
HANDLING**



Printed on
recycled paper

Unrivalled performance. for great productivity

Innovation Awards



LAMMA 2015
"Best New Product
or Innovation
(Environmental)"



FINOVATION
Honoured with "FinOvation award"
at 2015 National Farm
Machinery Show

"Machine of the
Year award 2014"
at Agritechnica



ANTARCTICA 2
Trelleborg ProgressiveTraction®
tire reached the South Pole
on December 9th, 2014.

"Silver Ears 2013"
at Agribex 2013

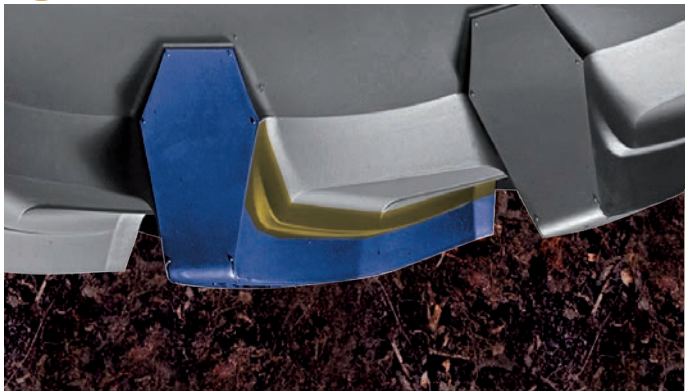


The **3** key features of ProgressiveTraction®

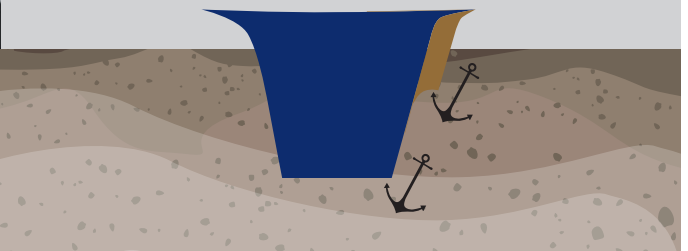
The new TM1000 tread design is characterized by the innovative ProgressiveTraction® technology. The 2 points of anchorage boost traction while the lug's strong base minimizes

vibration and fuel consumption. Moreover, the additional lug enhances the self-cleaning of the tire working as an additional terrace.

① Dual anchor, better grip



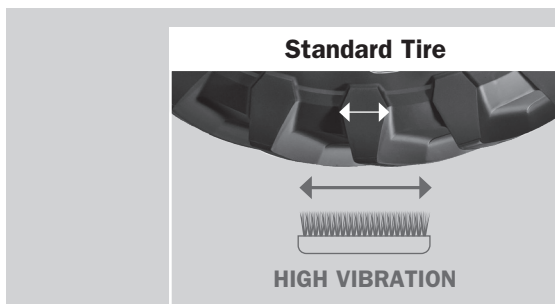
The grip performance is enhanced by 2 anchor points.



② Reduced vibrations, less fuel consumption

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, reducing consumption and extending tire life.



③ Enhanced self-cleaning, higher traction



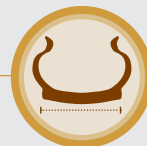
The extra lug acts as an additional terrace on the unique Trelleborg TM tread profile, enhancing its great self-cleaning capability and increasing the efficiency of the lug.

Innovative tread design

ProgressiveTraction®



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



Trelleborg lug head design ensures a long life



Dual angle lug shape increases traction and comfort



The **interlug terraces** maximise self-cleaning



Extra sidewall flexibility



Advanced tire technology, outstanding performance

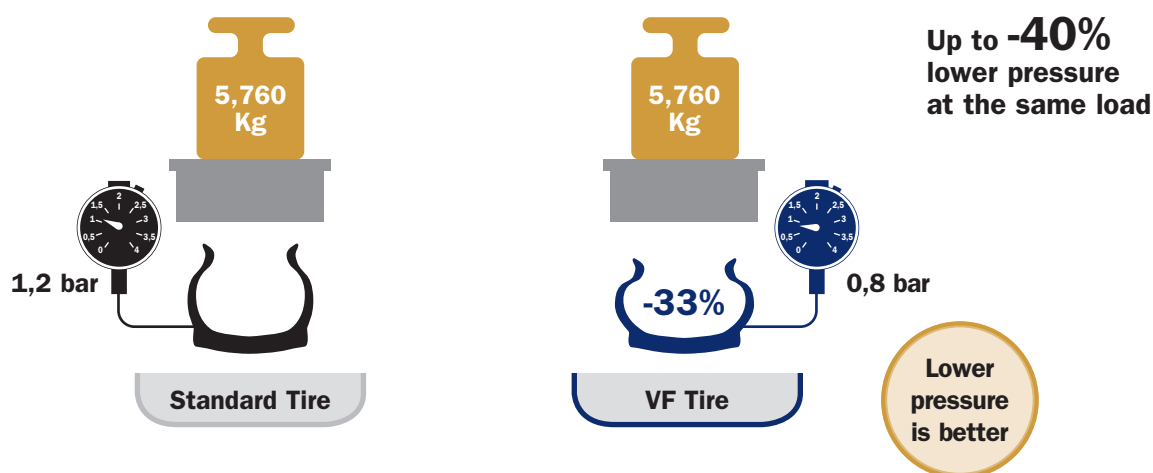
The demand for higher farming productivity drives the continuous development of new engines and transmissions for medium to high powered agricultural machines.

Compared to the standard technology, the new VF TM1000 ProgressiveTraction® can carry up to 40% more load at the same pressure or work with 40% less pressure at the same load.

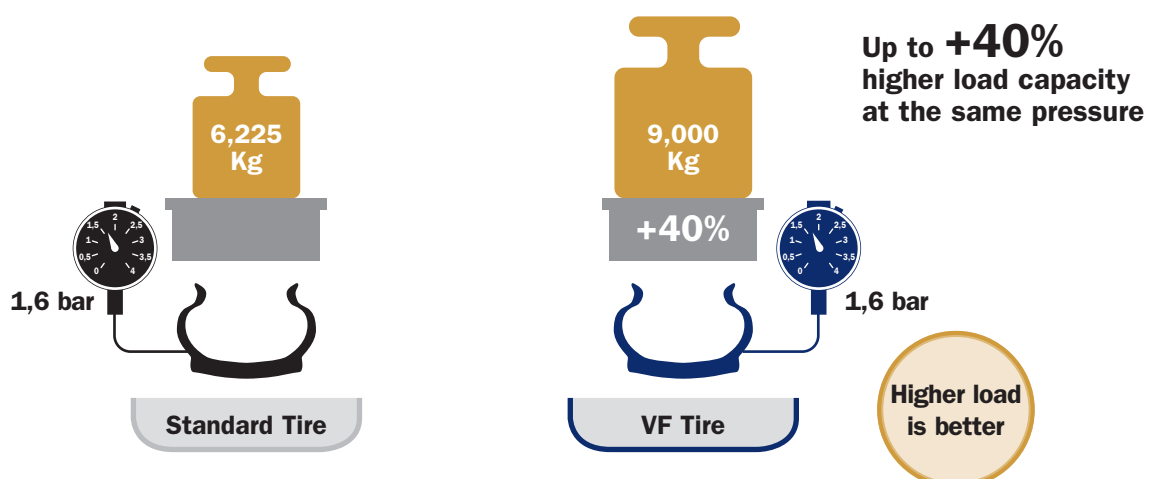
The Progressive Traction® tread design was

conceived to cope with the latest generation of machinery, providing better transmission of power to the ground, more efficiency from the engine to the field and reduced soil compaction. The special double-edge tread design was engineered to decrease tread vibration, contributing to lower energy dissipation, minimizing fuel consumption, while extending the tire life.

FIELD APPLICATION



ROAD TRANSPORT



Minimum soil compaction, maximum yield

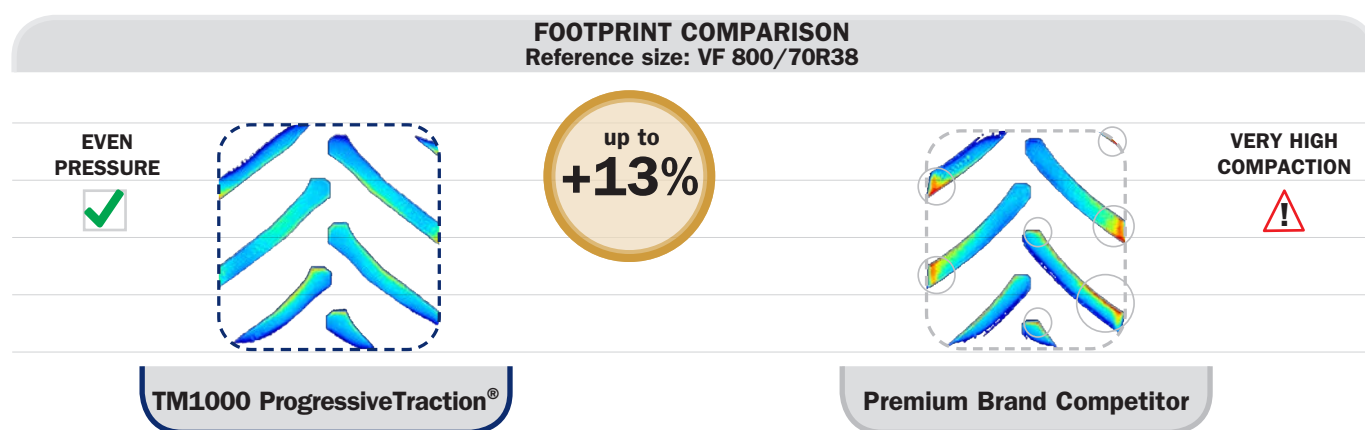
The new TM1000 ProgressiveTraction® delivers an extra-wide footprint providing maximum flotation, minimum soil compaction and reduced working time per hectare, boosting cost efficiency and productivity.

Compared to the premium brand competitor, Trelleborg's TM1000 wide footprint guarantees:

- more traction, reducing the working time per hectare

- less soil compaction, increasing the yield from the crops

As shown in the image below, the wider footprint is also complemented by an optimum pressure distribution, ensuring even wear and less stress points on the field.



Test Conditions
Size: VF 800/70R38 TL
Load: 9,000 Kg
p = 1,6 bar

TM1000 ProgressiveTraction®

SIZE	Tread Pattern	SW mm	OD mm	SLR mm	RC mm	SRI	Rim	Permitted Rims	Type
VF 600/70R30 170D (167E)	TM1000 ProgressiveTraction®	615	1600	695	4785	750	DW21B	DW20B	TUBELESS
VF 620/75R30 172D (169E)	TM1000 ProgressiveTraction®	In preparation							
VF 620/85R34 154D	TM1000 ProgressiveTraction®	445	1585	670	4735	750	DW15L	DW14L	TUBELESS
VF 650/60R34* 168D (165E) Design Data	TM1000 ProgressiveTraction®	645	1660		4955	775	DW23B		TUBELESS
VF 650/65R34 170D (167E)	TM1000 ProgressiveTraction®	In preparation							
VF 650/85R38* 182D (179E) Design Data	TM1000 ProgressiveTraction®	650	2050		6190	975	DW23B	DW21B - MW21B DW20B (NRO)	TUBELESS
VF 800/70R38 184D	TM1000 ProgressiveTraction®	830	2078	860	6200	975	DW27B	DW25B	TUBELESS
VF 650/75R42* 180D (177E) Design Data	TM1000 ProgressiveTraction®	650	2045		6160	975	DW23B	DW21B - DW24 - TW23	TUBELESS
VF 650/85R42* 183D (180E) Design Data	TM1000 ProgressiveTraction®	650	2160		6410	1025	DW23B	DW21B	TUBELESS
VF 710/70R42* 182D (179E) Design Data	TM1000 ProgressiveTraction®	710	2060		6190	975	DW25B	DW23B	TUBELESS
VF 710/75R42 184D (181E)	TM1000 ProgressiveTraction®	In preparation							
VF 480/80R50 166D	TM1000 ProgressiveTraction®	480	2050	905	6140	975	DW16L	DW15L	TUBELESS

* In preparation



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 50 countries around the world.

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