

TM700 Progressive Traction. Enrich your farming.



TM700 ProgressiveTraction. Where no tire has gone before...

Timeline: Tuesday, December 9th 2014. 04.30 a.m. CET.

For the first time ever, a tractor fitted with pneumatic agricultural tires reaches the South Pole. The ProgressiveTraction™ provided the MF 5610 with the performance to drive the 5,000 km required to reach the South Pole and back - where no farm tire has gone before (www.antarcticatwo.com). For the first Antarctica mission, in 1958, the MF tractor was fitted with tracks because the requested performance could not be achieved with a conventional tire. Today's new generation of Trelleborg tires provides the extra grip, traction and premium flotation required whether in the field, on the road or even in the South Pole.

ProgressiveTraction™ on agricultural tires, for all tractors between 100 and 240hp.

Leading Tractor Manufacturers are constantly developing the middle range tractor lines, demanding extra traction performance and fuel efficiency from the tires, with limited space for larger tires. The TM700 ProgressiveTraction™ is the answer. More efficient, more sustainable to help you to produce more, with less.

Innovation Awards

ANTARCTICA 2

Trelleborg ProgressiveTraction™ tire reached the South Pole on December 9th.

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
2013



"Silver Ears 2013"
at Agribex 2013



Printed on
recycled paper

Performance for farmers, care for the environment

On the sidewall of the tire, the **BLUE TIRE** logo represents the improvements, patents and production procedures that the TM700 ProgressiveTraction™ manufacturing process has been through in order to help farming professional to produce more with less.


The new range has been eco-designed* according to the **BLUE TIRE TECHNOLOGY** which includes:

- new eco-friendly materials
- advanced tread and bead concepts
- new sidewall designs
- eco-friendly manufacturing procedures

The BlueTire™ technology allows up to a 6% reduction in CO₂ emissions (compared to standard tires). 1 year of Blue Tire production led to an emission reduction of 13,700 tons of CO₂, the equivalent to about 2,884 personal vehicles in the course of a year.

-6%
CO₂
EMISSIONS*

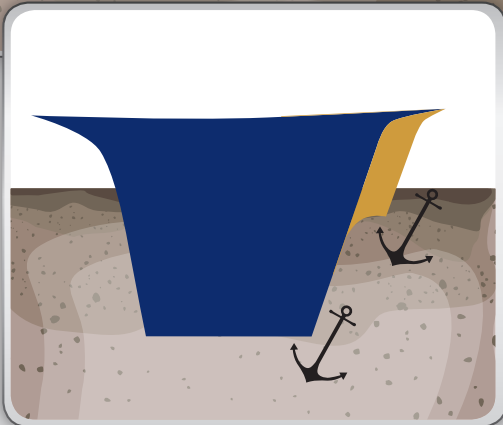
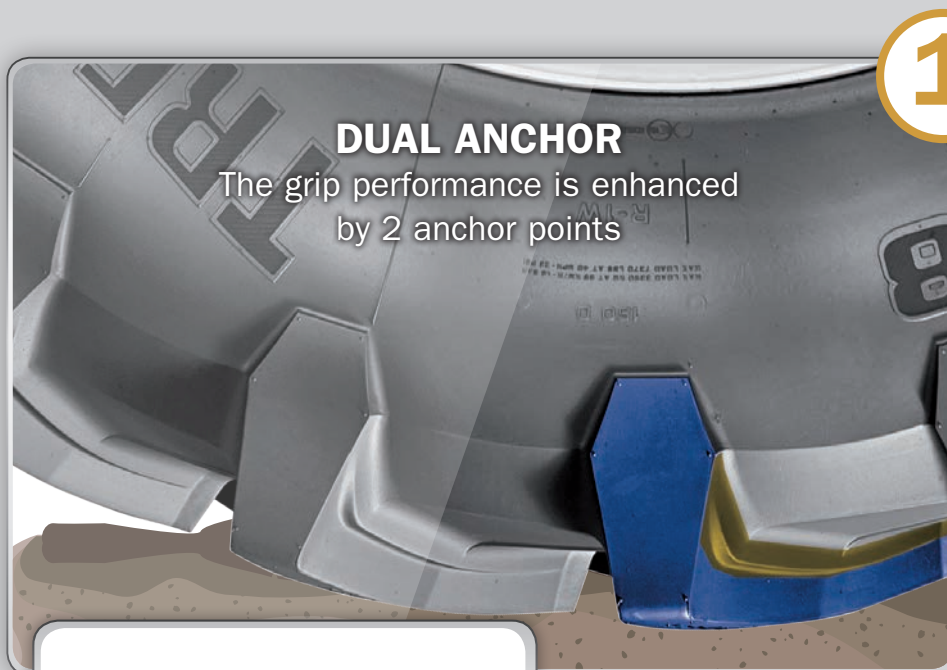
13,700 CO₂ tons emissions = **2,884** 

* Eco-design methodology:
LCA (life Cycle Assessment) certified by THINKSTEP
Learn more on thinkstep.com  thinkstep



The **3** key features of the double edge lug

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.





2

REDUCED VIBRATIONS

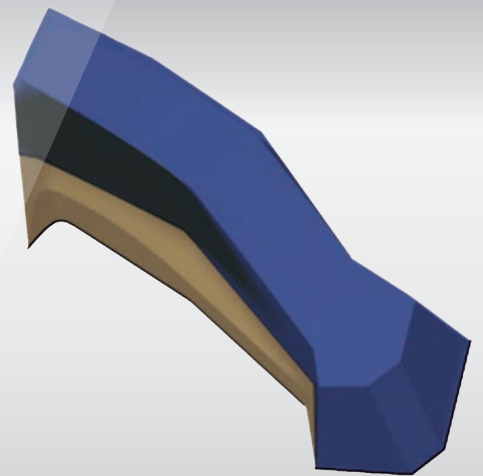
For a standard tire, the lug behaves like a “brush”. This accelerates the wear and increases the rolling resistance. The wider base of the ProgressiveTraction™ lug ensures a higher resistance to lug vibrations.



3

ENHANCED SELF-CLEANING

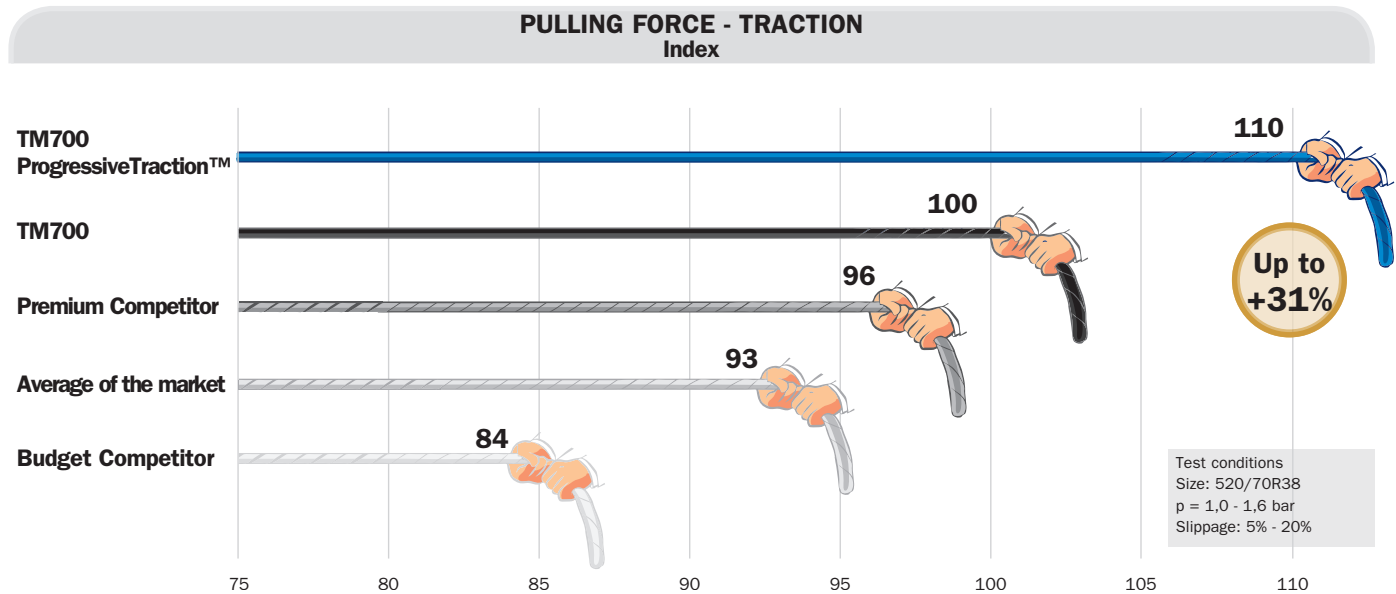
The extra lug acts as an additional terrace on the unique Trelleborg TM tread, enhancing its great self cleaning capability and increasing the efficiency of the lug.



Redefining traction performance

The higher grip of TM700 ProgressiveTraction™ is driven by the dual anchor of the lug. The new design greatly reduces the tire

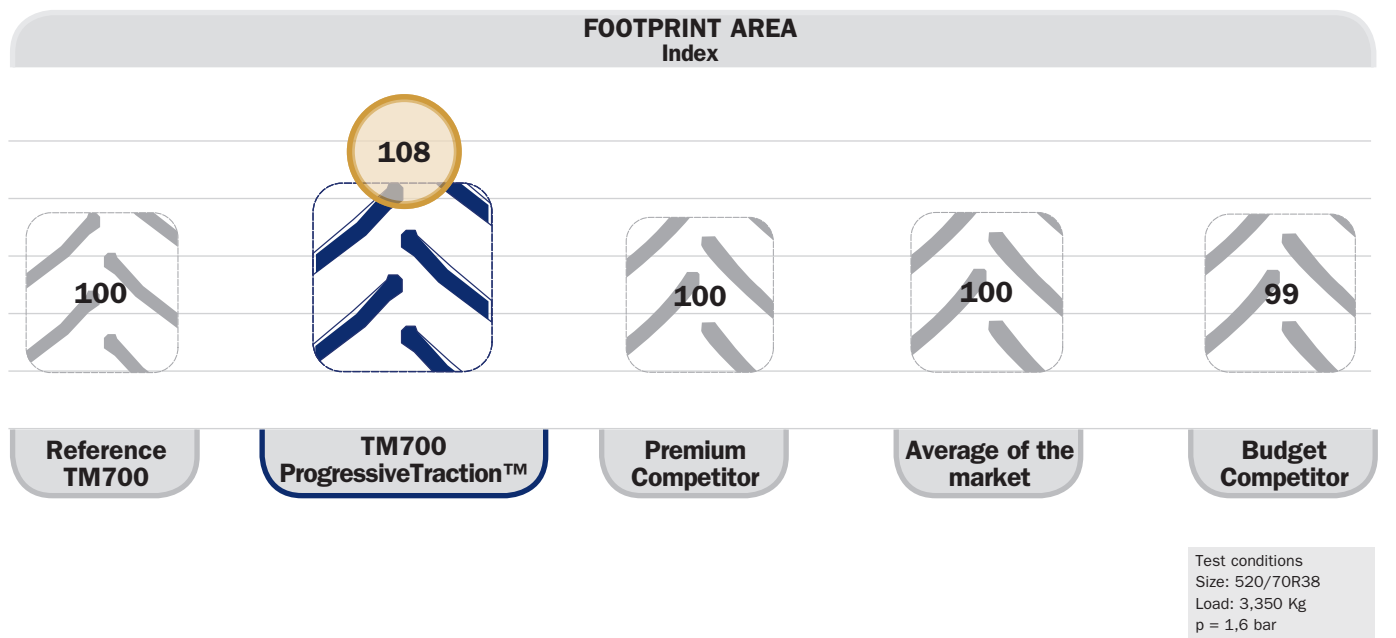
slippage ensuring maximum traction. The ProgressiveTraction™ technology boosts traction capability up to 31%.



Maximum flotation, extra wide footprint

The additional lug base surface reduces sinking of the tire in the soil. In addition, the empowered sidewall flexibility leads to the

widest footprint in the market, reducing soil compaction.

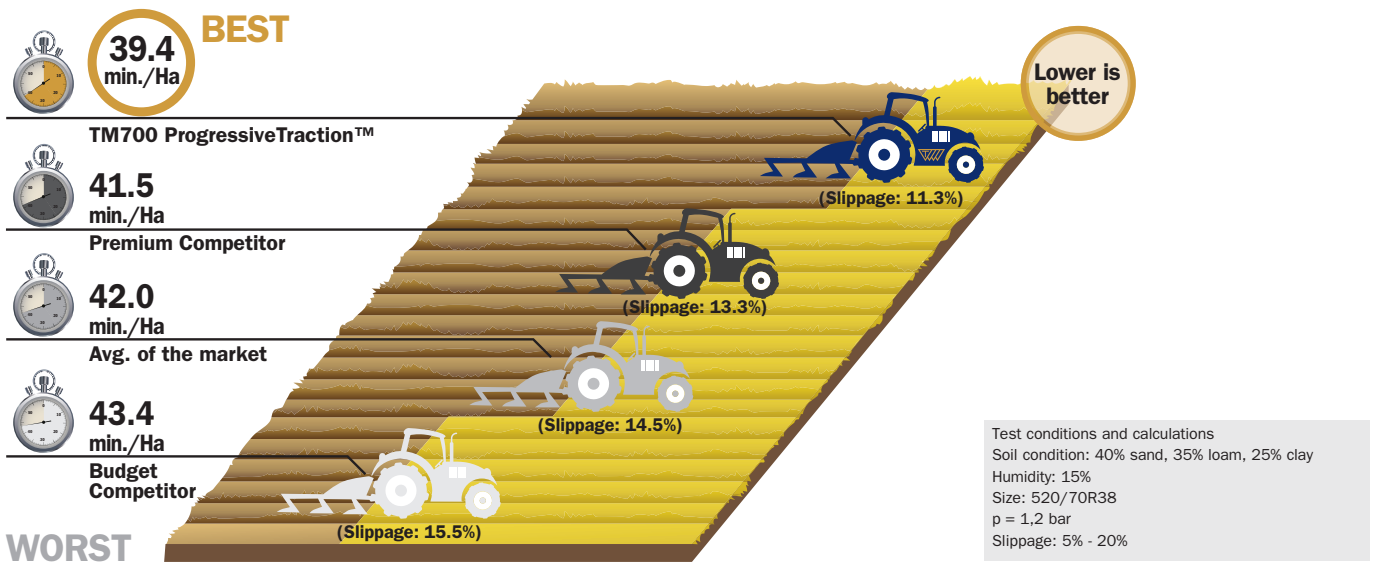


Great cost savings in the field

During high torque operation, the new TM700 ProgressiveTraction™ line performs better than premium brand competitors and significantly

better than the average of the market. The reduced working time per hectare results in lower emissions and premium cost efficiency.

PLOUGHING Time to plough (min./Ha)



The economic benefits achieved by the reduction of operating time result in significant overall savings, including costs such as fuel, maintenance and manpower.

TIME TO PLOUGH 300 Ha (vs. average of the market)

up to **13**
hours saved



950 € saved

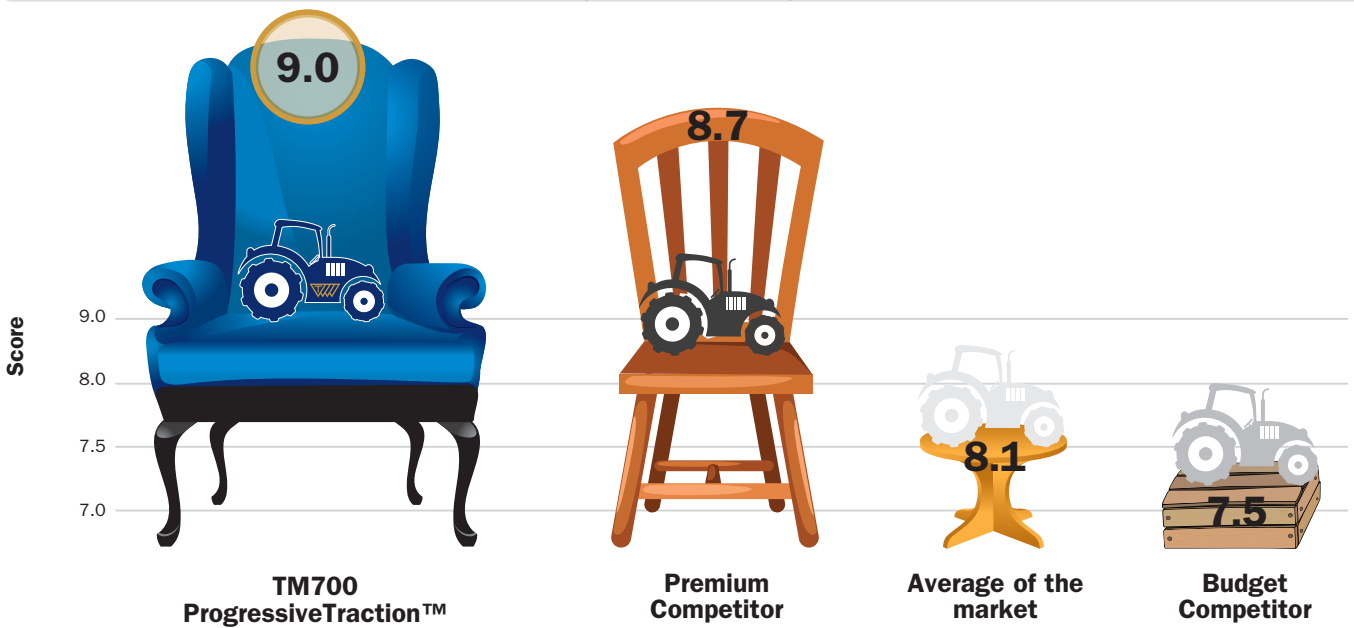
- Average working costs per hour = 70 €
- Including cost evaluation related to the tire wear performance

Premium comfort and handling on the road

Compared to the market average, the TM700 ProgressiveTraction™ provides you with better handling and safety performances. The new lug design avoids vibrations and assures premium comfort, essential for your

long and demanding farming operations. In addition, the TM700 ProgressiveTraction™ also reduces noise pollution, benefiting the operator and the environment.

DRIVER COMFORT AND HANDLING (Score from 1 to 10)

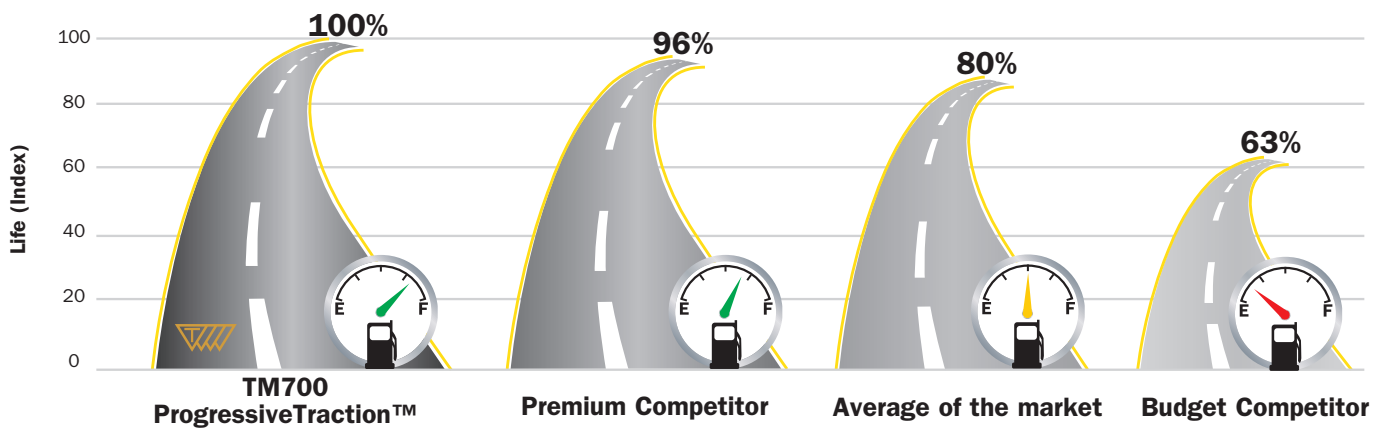


Extra mileage and low fuel consumption

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 780 hours (compared to the market average). The outcome is a reduced total cost of ownership of the tire.

MILEAGE AND FUEL CONSUMPTION 50% field - 50% road



Test conditions and calculations
 50% road, 50% field
 Tractor: 180 hp
 Fuel cost: 0.65 €/lt
 Rear axle: Single fitment (2 tires)
 Sizes: 520/70R38 - 420/70R28
 p = 1,2 bar



Your TM700 ProgressiveTraction™ uses **10% less fuel** and lasts **780 hours more** than the market average



On the road, save up to **1,400 €** after 1,000 hours vs. the average of the market



TM700 ProgressiveTraction

SIZE	Tread Pattern	SW mm	OD mm	SLR mm	RC mm	SRI	Rim	Permitted Rims	Type	Tube
380/70R28 127D	TM700 ProgressiveTraction	370	1300	585	3880	625	W12	W11 - W13 - DW11 DW12 - DW13	TUBELESS	12.4-28 TR218
420/70R28 133D	TM700 ProgressiveTraction	415	1355	610	4070	650	W13	W12 - W14L - DW12 DW13 - DW14L	TUBELESS	16.9-28 TR218
480/70R28 140D	TM700 ProgressiveTraction	480	1430	640	4255	675	W15L	W14L - W16L - DW14L DW15L - DW16L	TUBELESS	16.9-28 TR218
480/70R30 141D	TM700 ProgressiveTraction	475	1485	655	4450	700	W15L	W14L - W16L - DW14L DW15L - DW16L	TUBELESS	18.4-30 TR218
480/70R34 143A8 (143B)	TM700 ProgressiveTraction	475	1585	716	4760	750	W15L	W14L - DW14L - DW15L W16L - DW16L	TUBELESS	16.9-34 TR218
480/70R34 155A8 (155B)	TM700 ProgressiveTraction	475	1580	727	4775	750	W15L	W14L - DW14L - DW15L W16L - DW16L	TUBELESS	16.9-34 TR218
480/70R38 145D	TM700 ProgressiveTraction	490	1690	755	5050	800	W15L	W14L - W16L - DW14L DW15L - DW16L	TUBELESS	18.4-38 TR218
520/70R38 150D	TM700 ProgressiveTraction	525	1755	790	5255	825	W16L	W15L - W18L DW15L - DW16L - DW18L	TUBELESS	18.4-38 TR218
580/70R38 155D	TM700 ProgressiveTraction	590	1835	820	5455	875	W18L	DW18L	TUBELESS	20.8-38 TR218
580/70R42 158D	TM700 ProgressiveTraction	585	1905	850	5695	925	W18L	DW18L	TUBELESS	20.8-42 TR218
620/70R42 166D	TM700 ProgressiveTraction	630	1930	870	5820	925	DW20B	DW18L - W18L	TUBELESS	

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







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