



# TM1000 High Power. The solution for sustainable farming.



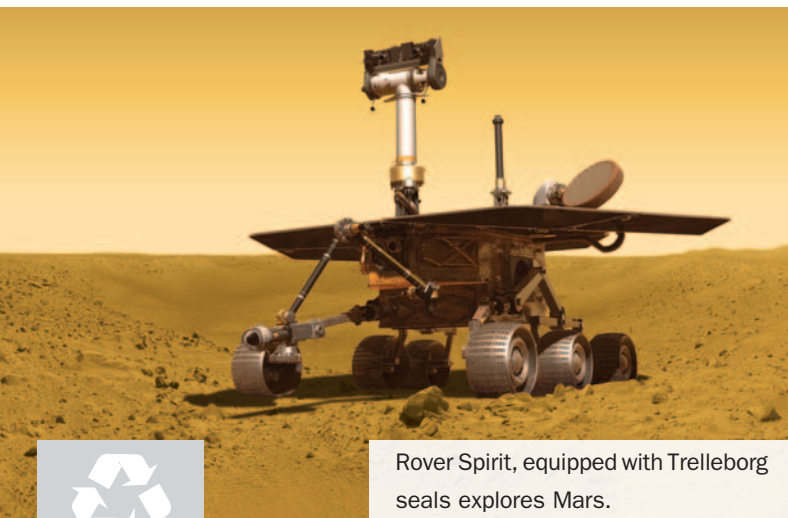
# TM1000 High Power. The solution for sustainable farming.

With the world population expected to grow by 27 percent to 8.9 billion people by 2050, demand for agricultural products will certainly rise. With a limited amount of arable land available on the planet, farming needs to become more productive and efficient. New technology will certainly drive the industry, while choosing the right tyre solution will become crucial to maximize the performance of tractors. Trelleborg's strategic goal is to develop innovation to meet modern needs of an ever-growing market while respecting the environment.

**“We help farming professionals to produce more, in a sustainable way.”**

1969, the man lands on the moon.  
2007, the Rover Spirit explores the red planet.  
2030 is when experts foresee the first human journey to Mars ([www.marssociety.org](http://www.marssociety.org)).  
The human colonization of other planets will start together with the adoption of future farming techniques to feed the first humans on these planets.  
At Trelleborg we know today the requirements

that future farming will have. It's what modern agriculture increasingly demands: innovation and technology to produce more in a sustainable way. We want to bring the technology of the future that is available now, to increase farming cost efficiency and crop productivity. To do this while respecting planet Earth, through the reduction of our company's environmental footprint along with the promotion of sustainable farming.



Rover Spirit, equipped with Trelleborg seals explores Mars.



Printed on  
recycled paper

# Performance for farmers, care for the environment

On the sidewall of the tyre, the **BLUE TIRE** logo represents all the improvements, patents and production procedures that TM1000 High Power holds to guarantee simultaneously performance for farming and care for the environment.

The new TM1000 High Power has been designed according to the new **BLUE TIRE TECHNOLOGY** which includes:

- 🌿 new eco-friendly materials
- 🌿 advanced tread and bead concept
- 🌿 new sidewall design

TM1000 High Power upgrades your agricultural operations to sustainable farming. Produce more, with less.

- 🌿 Unbeatable traction results in low farm-operating cost and reduced emissions
- 🌿 Extra wide footprint boosts your crop yield, while preserving ground health and potential
- 🌿 Premium comfort and handling look after driver health and safety, complying with all road regulations
- 🌿 Premium rolling resistance reduces fuel consumption and environmental pollution

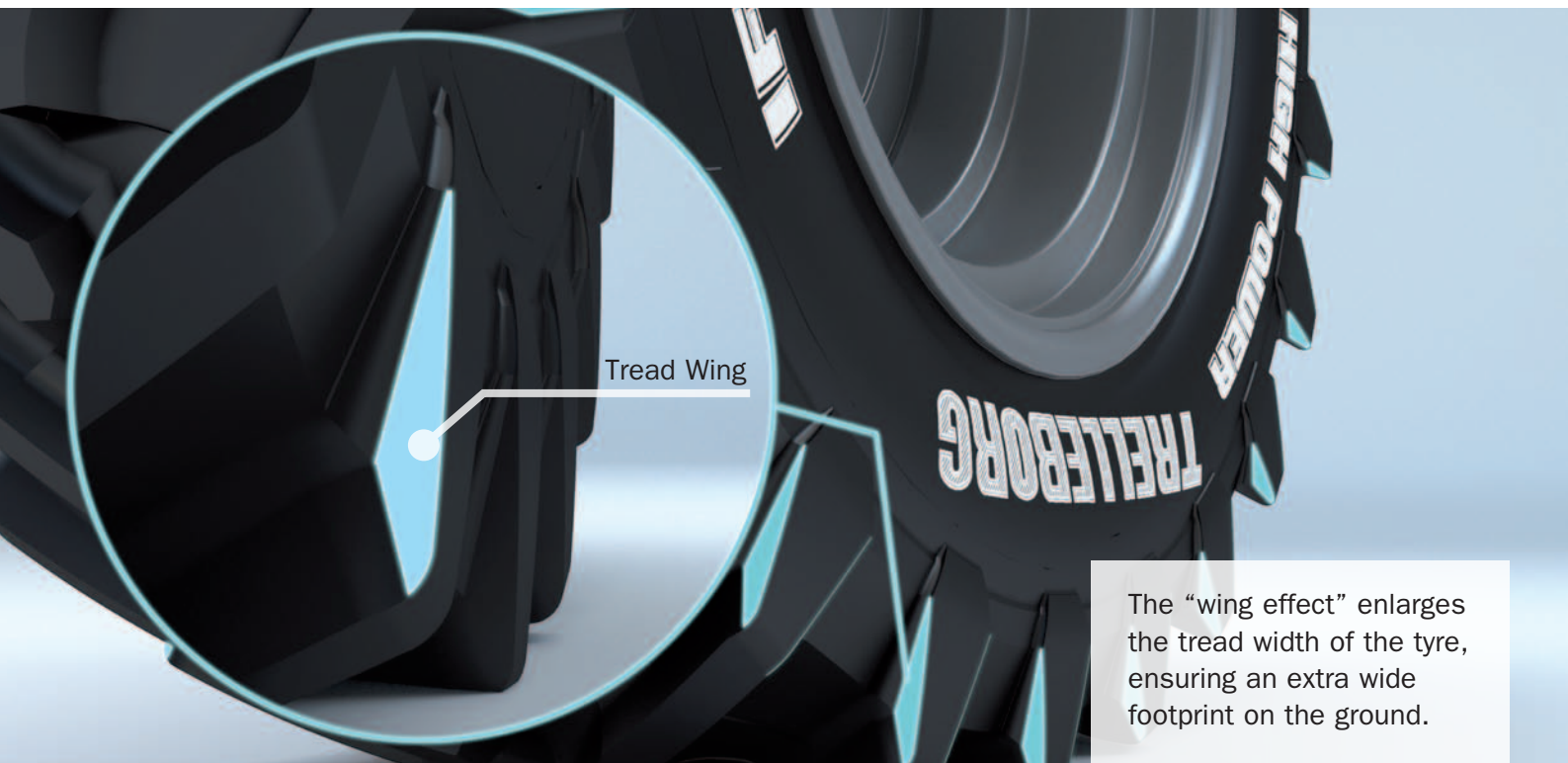
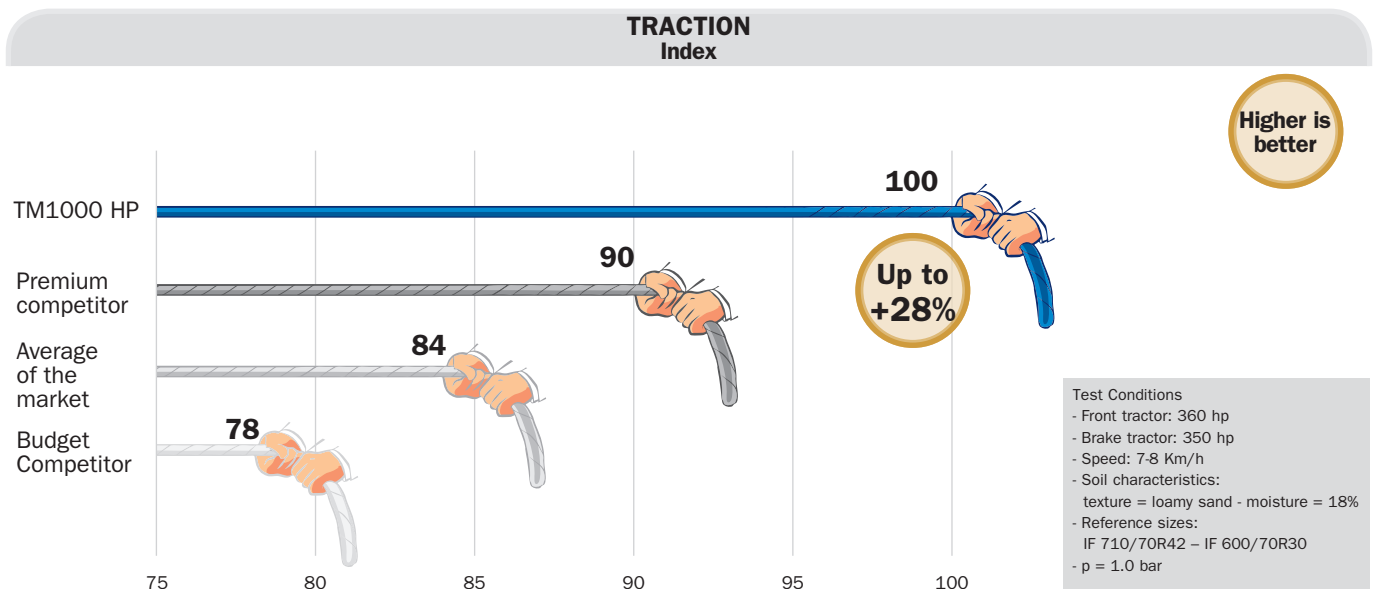
## “Produce more, with less.”



# Unbeatable traction

The new TM1000 High Power line has been co-designed together with leading tractor manufacturers to equip the latest generation of high powered tractors. The new Trelleborg range is able to transfer

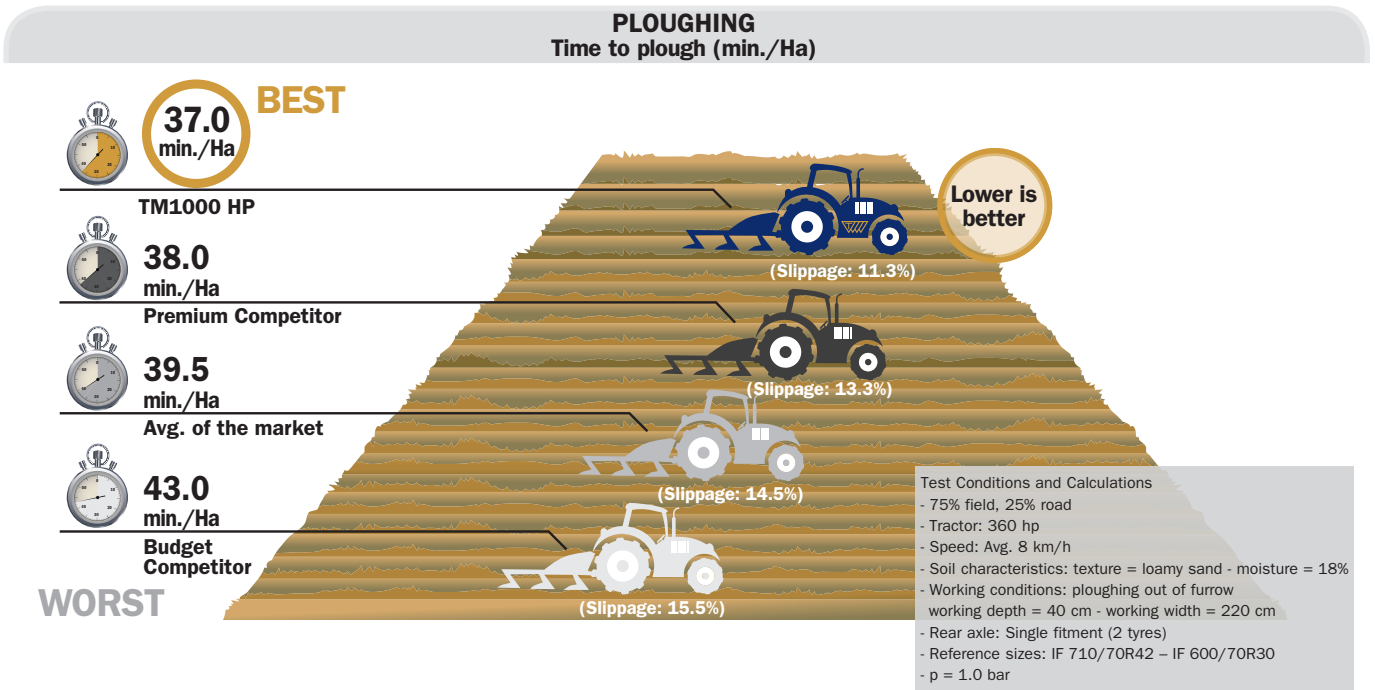
to the ground the entire engine power, along with the torque driven by the latest breed of transmissions. TM1000 High Power. Boost the traction capability of your tractor.



# Great savings in the field

During ploughing operation, the new TM1000 High Power 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 higher cost efficiency.



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

## TIME TO PLOUGH 500 Ha (vs. average of the market)

up to **21**  
hours saved



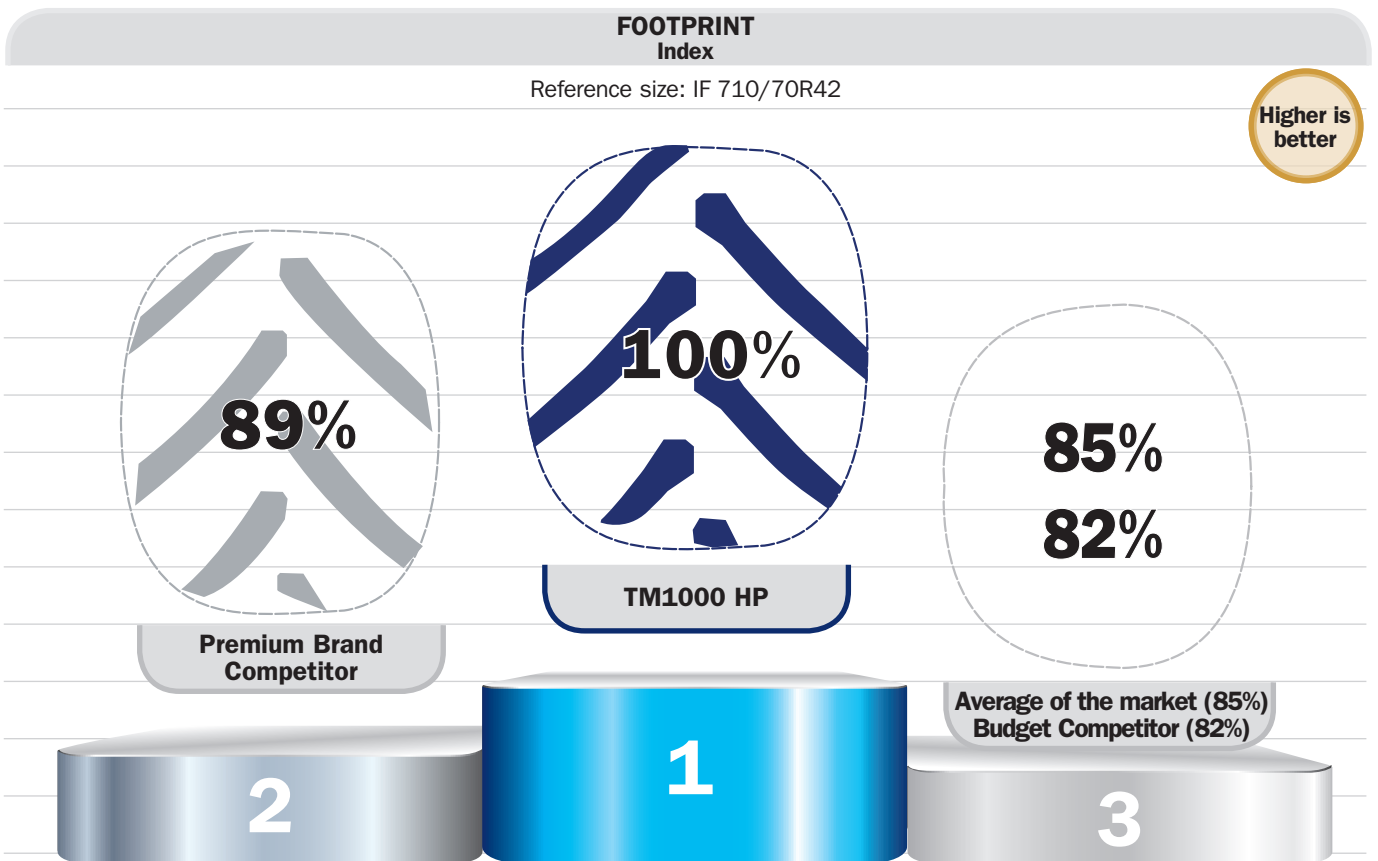
**1,620 € saved**

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

# Extra wide footprint

TM1000 High Power provides extra wide footprint, giving premium flotation and low soil compaction. The new technology allows the soil to return to

its original state as an organic reactor, capable of absorbing air-bound nutrients, recycling crop residues and retaining water to ensure high crop yields in the short, medium and long term.

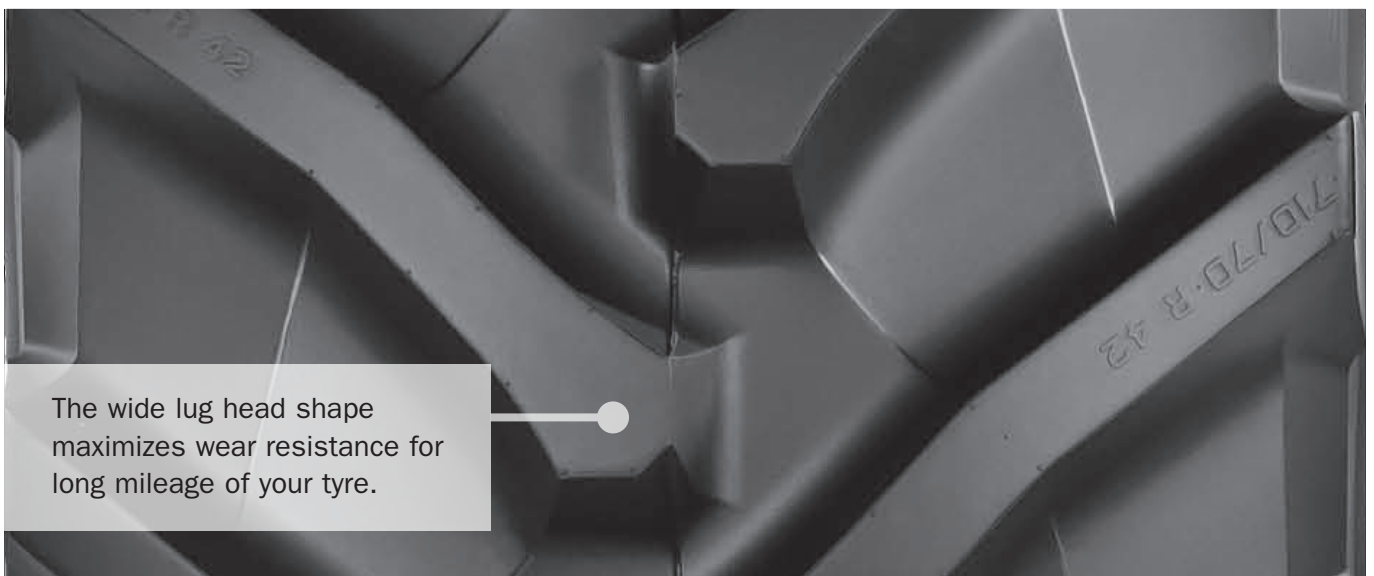


# Extra mileage, reduced consumption and emissions



The shape, width and length, as well as the materials of the lugs of TM1000 High Power

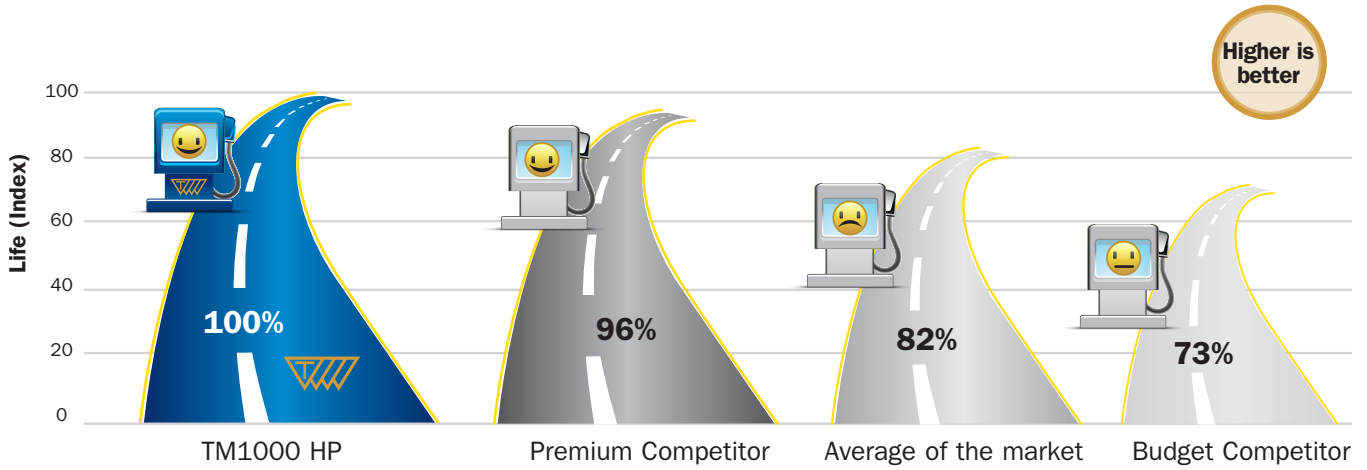
have been studied to increase wear performance while reducing consumption and emission.



**ON THE ROAD**  
Fuel consumption and Life time

On the road, the advanced design along with new carcass and tread materials, ensure to your TM1000 High Power the longest life in

the market. In addition, the reduced rolling resistance results in low fuel consumption and emissions.



Test Conditions and Calculations  
 - 50% road, 50% field  
 - Tractor: 360 hp  
 - Fuel cost: 0.85 €/lt  
 - Rear axle: Single fitment (2 tyres)  
 - Reference sizes: IF 710/70R42 - IF 600/70R30



**Your TM1000 High Power uses 12% less fuel and lasts 860 hours more than the market average**



**On the road, save up to 2,280 € after 1,000 hours vs. the average of the market**



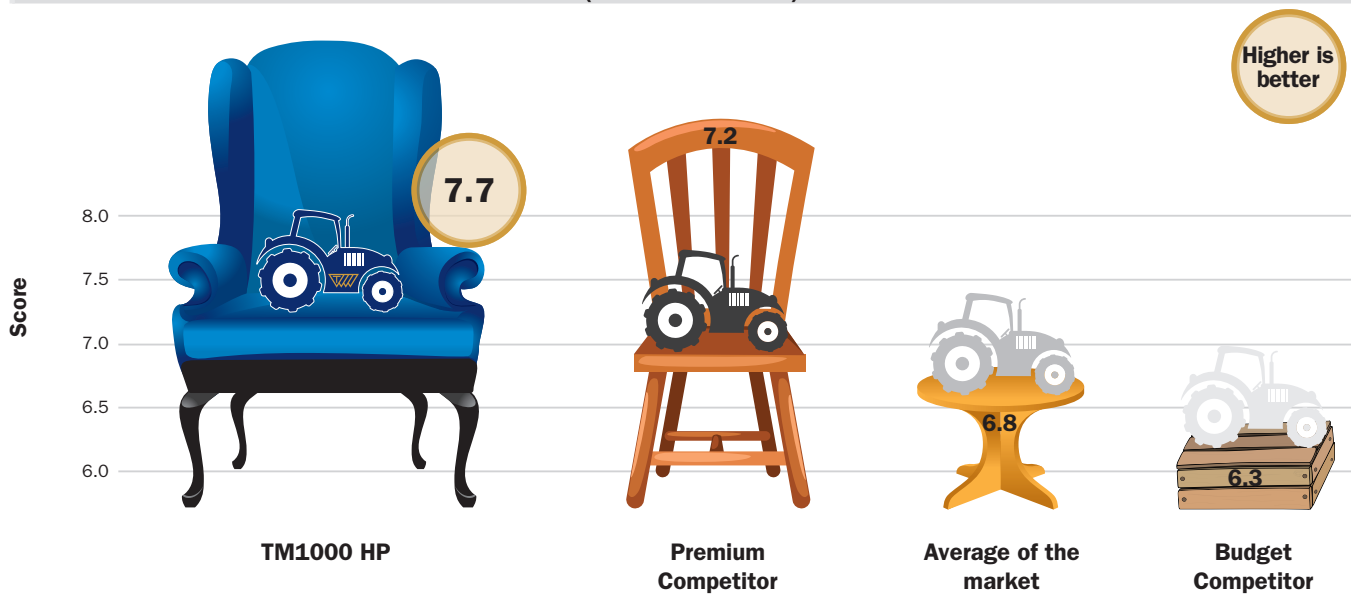


# Superior comfort

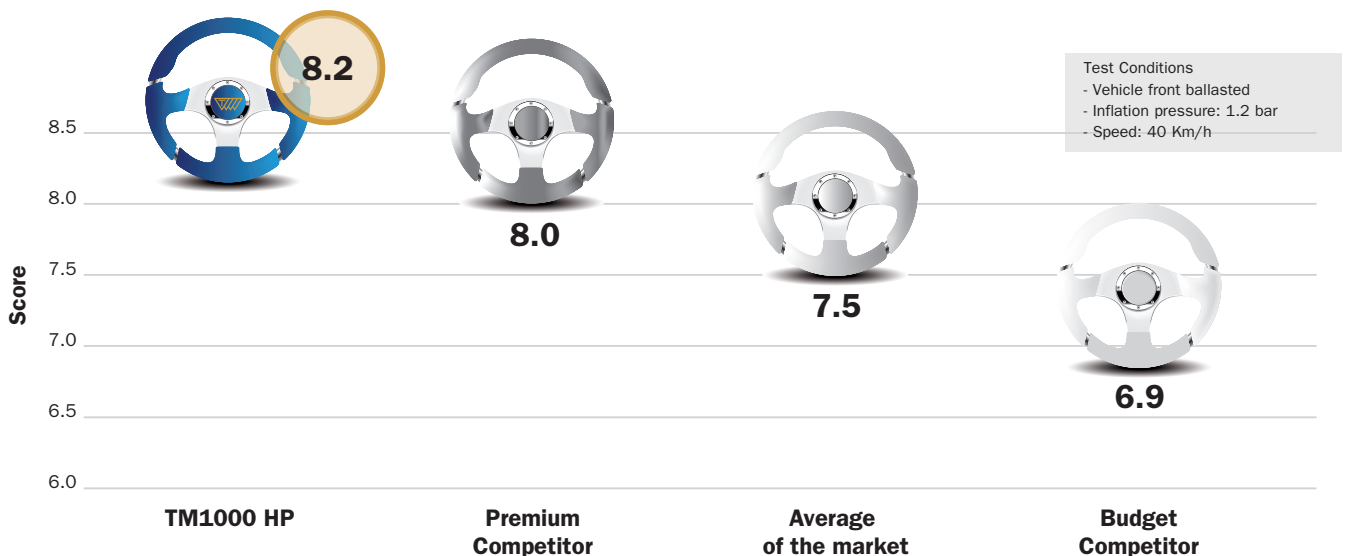
Compared to the market average, the TM1000 High Power provides you with better handling and safety performances.

The **BLUE TIRE** technology avoids vibration to provide premium comfort, essential for your long and demanding farming operations.

## DRIVER COMFORT (Score from 1 to 10)



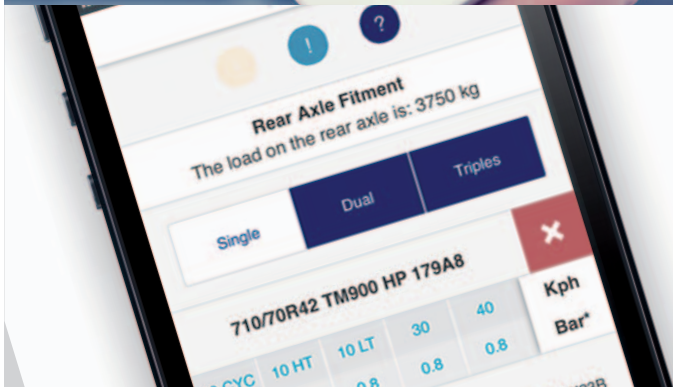
## TRACTOR HANDLING (Score from 1 to 10)



# TM1000 HIGH POWER

SIZE	Tread Pattern	SW mm	OD mm	SLR mm	RC mm	SRI	Rim	Permitted Rims	Type
IF 600/70R30 159D	TM1000 High Power	605	1610	695	4785	750	DW21B	DW20B	TUBELESS
IF 650/60R34 159D	TM1000 High Power	645	1660	725	4955	775	DW23B		TUBELESS
IF 650/65R34 161D	TM1000 High Power	650	1720	750	5105	825	DW23B		TUBELESS
IF 710/60R34 164D	TM1000 High Power	710	1715	740	5105	825	DW25B		TUBELESS
IF 650/65R38 163D	TM1000 High Power	645	1840	815	5470	875	DW23B		TUBELESS
IF 710/60R38 172D	TM1000 High Power	720	1840	825	5515	875	DW25B		TUBELESS
IF 710/70R42 179D	TM1000 High Power	735	2060	920	6190	975	DW25B		TUBELESS
IF 710/75R42 176D	TM1000 High Power	730	2160	940	6410	1025	DW25B	DW23B	TUBELESS
IF 900/60R42 180D	TM1000 High Power	880	2155	945	6425	1025	DW30B		TUBELESS
<b>New</b> IF 750/75R46 * 180D	TM1000 High Power	745	2295	1020		1125	DW25B		TUBELESS
<b>New</b> IF 900/65R46 * 190D	TM1000 High Power	905	2310	1035		1125	DW30B		TUBELESS

\* = Design data



Get the most out of your TM1000 High Power and make your own saving simulation.

Download the **Trelleborg Load Calculator** and **Tire Efficiency** from App Store or Google Play.

Download for free on:



[www.trelleborg.com/wheelsystems/apps](http://www.trelleborg.com/wheelsystems/apps)



# Trelleborg. Five hundred kilograms of lightness.

Strong and light at the same time? That's why we've created the TM1000 High Power tyre. It provides an extra-wide footprint, reducing ground pressure, protecting soil from compaction and ensuring high crop yields. Moreover, its reduced rolling resistance results in low fuel consumption and emissions, helping you to produce more in a sustainable way.  
[www.trelleborg.com/wheelsystems](http://www.trelleborg.com/wheelsystems)





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.

[WWW.TRELLEBORG.COM/WHEELSYSTEMS](http://WWW.TRELLEBORG.COM/WHEELSYSTEMS)



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