



TRELLEBORG



Trelleborg



# TM900 High Power Power at first sight



Co-designed with the main agricultural machine manufacturers, the TM900 High Power equips FWD tractors from 250 to 400 hp at speeds of up to 40 mph\*. It offers great traction, excellent self-cleaning capability, premium comfort and handling, minimum soil compaction and low fuel consumption.



**PREMIUM  
TRACTION**



**SUPERIOR  
FLOTATION**



**REDUCED  
FUEL CONSUMPTION**



**EXCELLENT  
HANDLING**



**PREMIUM  
COMFORT**

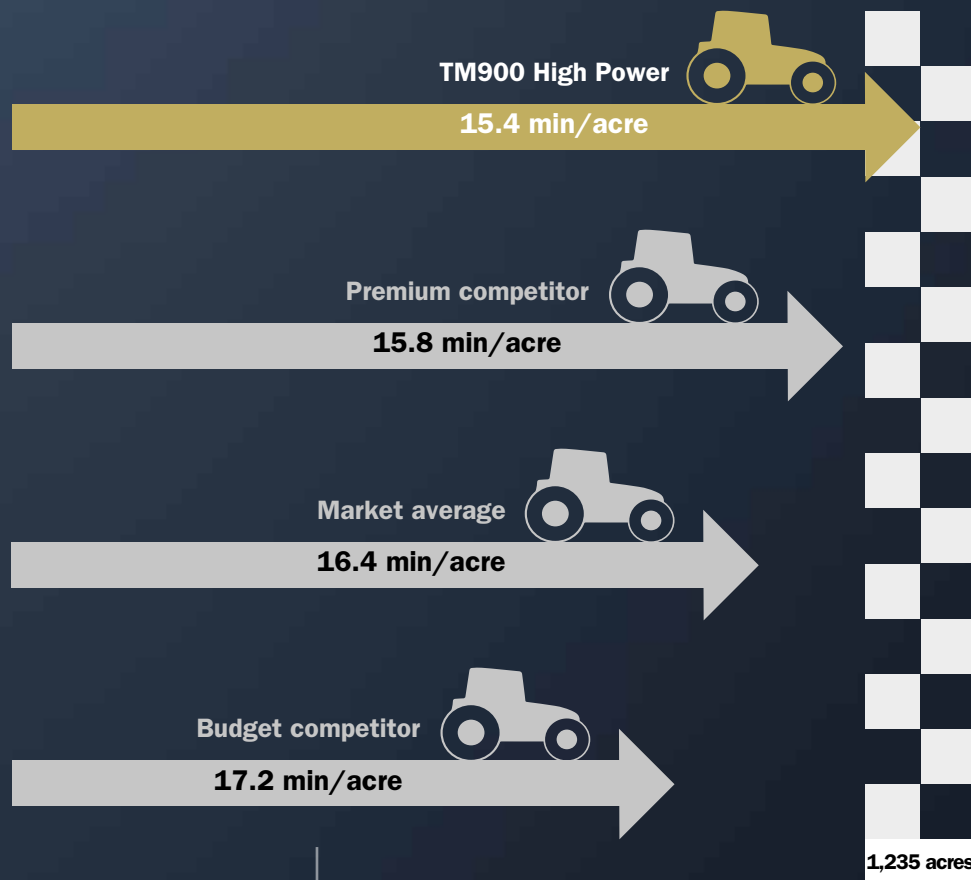
(\* ) Where authorized by legislation in force in the country.

# Increased productivity, great savings in the field

Through its advanced design and innovative features, the TM900 High Power delivers excellent traction capacity in the field, consistently reducing slippage on any kind of soil. Plowing tests show that Trelleborg tires, in equal conditions and sizes, perform better than competitors, both in terms of slippage and working time per acre.

## Time to plow 1,235 acres

*Lower is better*



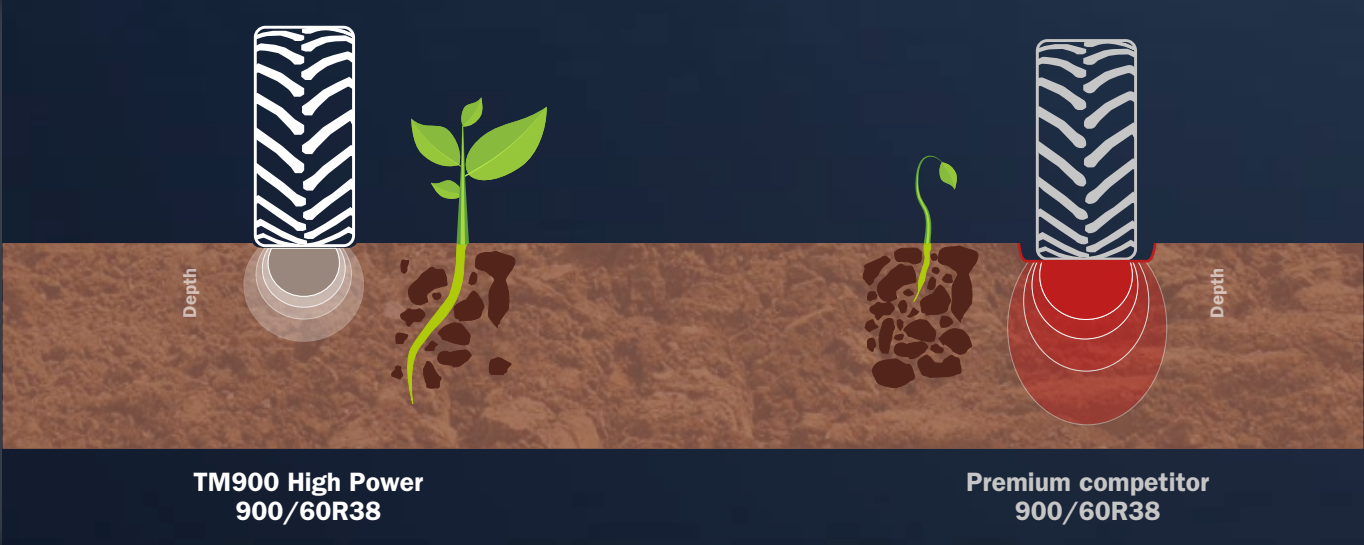
**Up to 21 hours, \$2,257 saved  
vs. the market average**

Reference sizes: 710/70R42 - 600/70R30  
75% field, 25% road - Tractor: 360 hp - Rear axle: single fitment - 2 tires  
Average working costs per hour = \$101  
Including cost evaluation related to the tire wear performance

# Sensitive to crop yield

The TM900 High Power has a shallower footprint than a premium competitor which preserves the field. Very deep footprints cause excessive soil compaction, thus preventing water from soaking in correctly. In addition, deep ground compaction causes poor root development and disrupts the biological activity of the earth.

The TM900 High Power helps to preserve the soil potential.



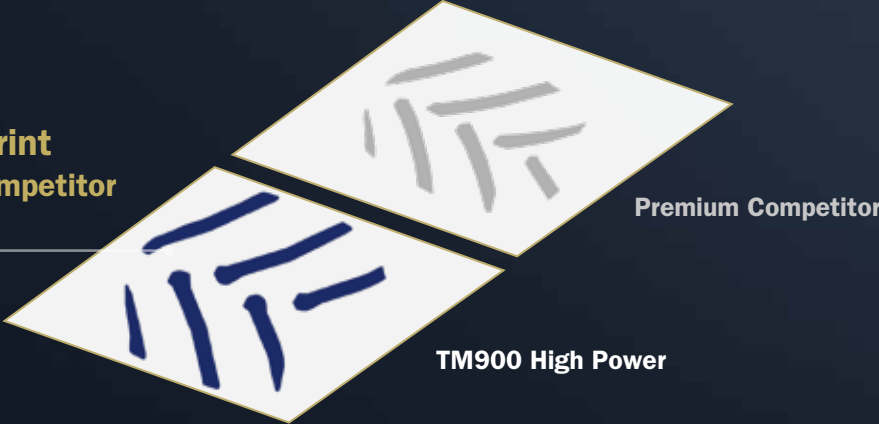
# A larger footprint

The large contact area provides even pressure distribution across the whole tread pattern, utilizing the high load capacity of the TM900 High Power.

### Footprint comparison - Index

*Higher is better*

**+8%**  
**wider footprint**  
**vs. a Premium Competitor**



Reference size: 900/60R38  
Load rear tire: 10,253 lbs.  
Inflation pressure: 9 psi

# Premium savings on the road with increased efficiency

The advanced technology of TM900 High Power provides you with excellent comfort and handling, longlife and lower fuel consumption levels than competitors.

## Fuel consumption on the road - Index

*Lower is better*

100



TM900 High Power

106



Premium Competitor

118



Market average

138



Budget Competitor

-\$2,716

after 1,000 hours  
vs. the market average

**The TM900 High Power uses 10% less fuel and lasts 900 hours more than the market average.**

When reviewing whole tire life cycle cost, it will be found that the TM900 High Power pays for itself quicker than other leading brands.



Reference size: 710/70R42 - 600/70R30  
50% road, 50% field - Tractor: 360 hp - Fuel cost: \$4.41/gal - Rear axle: single fitment - 2 tires

# Excellent self-cleaning



The **inter-lug terracing** is an advanced design at the base of the lug which helps with mud ejection, maximizing the self-cleaning capability of the tire.

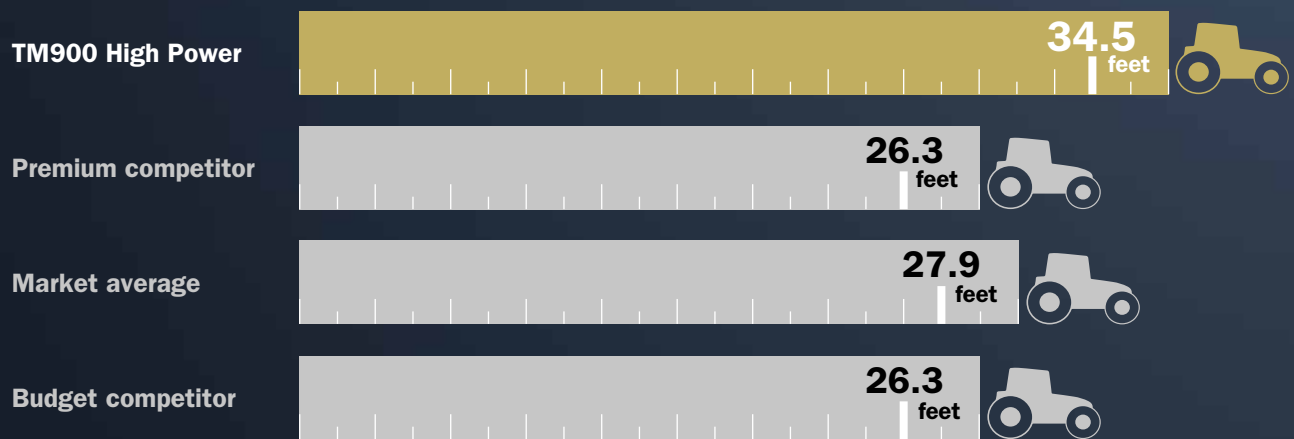
This tread's characteristic design gives the TM900 High Power excellent self-cleaning performance.

Under the same operating conditions, compared to competitors, Trelleborg has two main advantages:

- higher traction capability under torque conditions (A)
- reduced road contamination (B)

## Feet to run to fill-in completely tread with soil (A)

*Higher is better*



## Tire revolutions to unload the tread (B)

*Lower is better*

TM900 High Power



**1.5**  
tire revolution

Premium competitor



**3**  
tire revolutions

Market average



**2**  
tire revolutions

Budget competitor



**2**  
tire revolutions

**Perfect  
self-cleaning  
in 1.5 revolution**

Reference size: 710/70R42

# TM900 High Power

Size	Tread Pattern	SW inches	OD inches	SLR inches	RC inches	SRI	Rim	Permitted Rims	Type
600/70R28 157D (154E)	TM900 High Power	23.8	61.1	27.5	185.8	725	DW18L	DW20B	Tubeless
600/70R30 158D (155E)	TM900 High Power	23.8	63.3	28.4	189.8	750	DW18L	DW20B	Tubeless
710/60R30 162D (159E)	TM900 High Power	28	62.6	28.3	189	750	DW23B		Tubeless
600/70R34 160D (157E)	TM900 High Power	23.6	66.3	29.7	201	800	DW18L	DW20B - W18L	Tubeless
650/60R34 159D (156E)	TM900 High Power	25.4	65	29.5	195.5	775	DW20B	DW18L - MW23	Tubeless
710/55R34 164D (161E)	TM900 High Power	28	64.3	29.6	195.7	775	DW23B		Tubeless
710/60R34 164D (161E)	TM900 High Power	28.1	66.9	30.5	201.8	825	DW23B		Tubeless
650/75R38 169D (166E)	TM900 High Power	26.6	76.4	33.7	229.9	925	DW23B		Tubeless
650/85R38 173D (170E)	TM900 High Power	27.9	81.5	35.8	244.9	975	DW23B		Tubeless
800/70R38 178D (175E)	TM900 High Power	31.9	81.3	35.8	244.3	975	DW25B	DW27B	Tubeless
900/60R38 178D (175E)	TM900 High Power	35.6	80.3	36	243.3	975	DW28B	DW27B - DW30B	Tubeless
710/70R42 173D (170E)	TM900 High Power	28.2	81.1	35.8	243.7	975	DW23B	DW25B	Tubeless
710/70R42 173D (170E)	TM900 High Power Harvester	28.8	80.3	35.4	241	975	DW23B	DW25B	Tubeless
710/70R42* 179A8	TM900 High Power	28.5	81.5	36	247.2	975	DW23B	DW25B	Tubeless
710/75R42 175D (172E)	TM900 High Power	28.3	84.3	37.2	252.6	1000	DW23B	DW25B	Tubeless
900/60R42 180D (177E)	TM900 High Power	35.6	84.3	37.8	253	1025	DW28B	DW27B - DW30B	Tubeless

\* = For harvesting applications



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