

Trelleborg



# HF1000

## The next generation implement tire

To optimize crop yields and transportation efficiency, it is essential to invest in high-performance machinery. With the new Trelleborg VF HF1000, you can enhance the load capacity of manure tankers, large forage wagons, and slurry tankers while safeguarding the environment. The VF and steel-belted HF1000 ensure long durability and superior performance, both in the field and on the road. In the field, it distinguishes itself with excellent flotation and self-cleaning features. On the road, it provides a comfortable ride and easy handling while increasing stability and overall driveability.



**EXTENDED  
TIRE LIFE**



**LOW FUEL  
CONSUMPTION**



**SUPERIOR  
COMFORT**



**EXCELLENT  
STABILITY**



**LESS  
ENVIRONMENTAL  
IMPACT**



**EASY TIRE  
REPLACEMENT**

**1 Outstanding road performance**

An innovative central pattern design enhances driveability, maximizing mileage and stability even when vehicle is fully loaded.

**2 Enhanced self-cleaning**

New, higher interlug terraces improve self-cleaning, avoiding mud getting stuck between the lugs. The tire's working capability in harsh wet conditions is substantially enhanced by the variable heights designed in the middle of the tread.



**3 Additional stability**

In high-load carrying situations, the reinforcement of the shoulder area improves the tire strength, enhancing stability and increasing grip on the ground.



**4 Superior strength**

The steel belts increase tire strength, stability and improve load distribution.



Steel Belts

**5 Boosted performance at low pressure**

The VF casing ensures optimum performance at very low pressure.



VF technology

**6 Very low soil compaction**

The wide tread increases both footprint and flotation. Its rounded shoulders protect crops.

# Unrivalled efficiency for demanding applications

The new HF1000 benefits from VF construction designed to enhance the overall efficiency of the tire. In field application it can be used at very low pressure, ensuring a wide footprint and, consequently, maximum respect for the soil.

## Load comparison *Higher is better*

21,499



VF 750/60R30.5 @ 36 psi

15,214



750/60R30.5 @ 36 psi

**Up to +40%**  
higher load @ same pressure

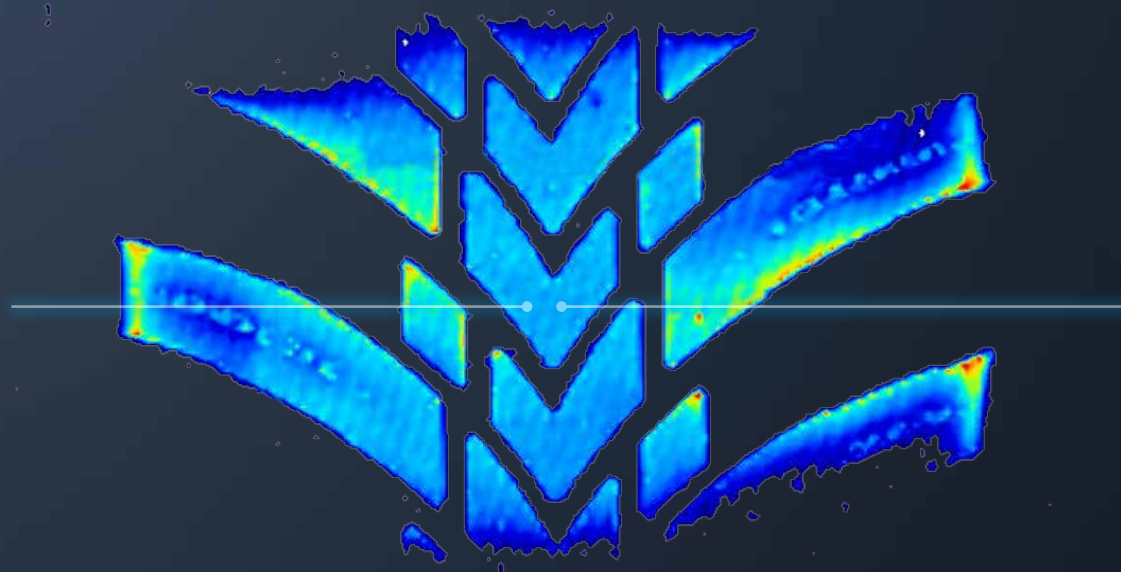


Compared to the same size not in VF technology

# Treating your soil with utmost respect

As a result of the HF1000's wide ground contact area, there is an up to a 10% reduction of ground pressure compared to a premium competitor. The wide footprint and the efficient load distribution lead to the benefits of increased flotation, and outstanding field performance.

**Up to  
+12.5%  
wider footprint  
vs. a Premium Competitor**



**Up to  
- 10%  
ground pressure  
vs. a Premium Competitor**

Reference size: 750/60R30.5

# Excellent tire wear performance

Excessive and uneven tire wear contributes to higher fuel consumption, increased instability, and an uncomfortable ride. Compared with a premium competitor, the HF1000 has a 5% higher wear resistance. This important point of difference for the HF1000 leads to fuel savings, and reduces traction loss and slippage, making the HF1000 a significant long-term investment.

## Wear resistance - Index

*Higher is better*

105



HF1000

+5%

vs. a Premium Competitor

100



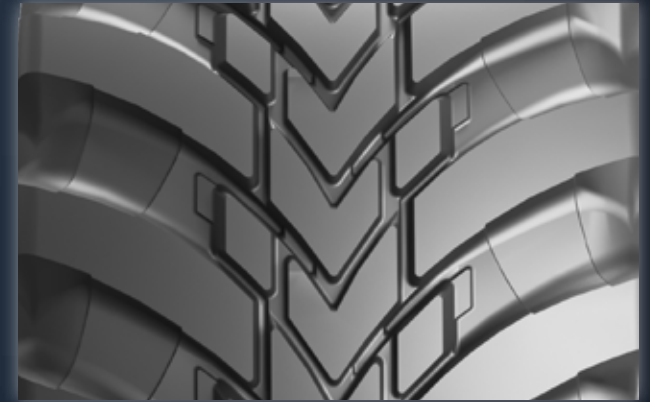
Premium Competitor



# Exceptional self-cleaning properties

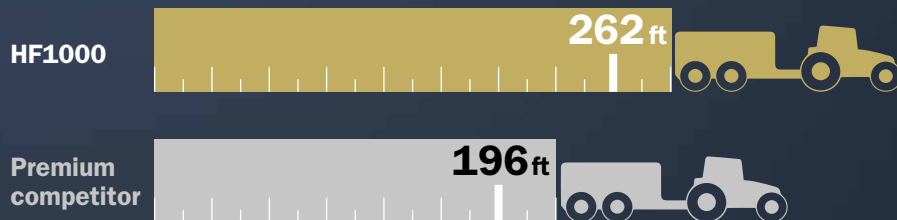
In wet, off-road conditions, the self-cleaning capabilities of tires are essential to prevent your vehicle getting stuck in the field. Poor self-cleaning leads to higher slippage, reduced traction and diminished tire performance.

The new HF1000 tread design includes an outstanding self-cleaning feature, improving the overall performance of the tire and reduces potential road dirtiness, allowing you to comply with driving regulations.



## Feet to run to completely fill-in tread with mud

Higher is better



## Self-clean comparison after 1,476 ft. at 12 mph

Higher is better



Testing environments: clay soil (40% of clay) with constant and controlled humidity of 25%

## HF1000

Size	Tread Pattern	SW inch	OD inch	SLR inch	RC inch	SRI	Rim	Permitted Rims	Type
VF 750/60R30.5 IMP TL 187D	HF1000	31.1	66.3	28.6	195.1	800	AG24.00		Tubeless
VF 850/50R30.5 IMP TL 188D*	HF1000								
VF 800/60R32 IMP TL 191D (Design data)	HF1000	31.7	70.9	30.7	213.2	875	DW27B		Tubeless

\* In preparation



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