

PNEUTRAC

VINEYARDS AND ORCHARDS 

PneuTrac by Trelleborg. A new generation of farm tires

Increased focus on productivity, sustainability and farm efficiency drive the development of innovative products, technologies and solutions both in open field operations as well as specialized applications such as vineyards and orchards.

In this scenario, Trelleborg is strengthening its commitment towards innovative agriculture with the introduction of the PneuTrac.

The PneuTrac combines the advantages of a radial agricultural tire with the benefits of a track delivering unbeatable performance on both steep slopes and muddy terrain, reducing your downtime to zero in demanding conditions. The extra-long PneuTrac footprint results in superior flotation and traction along with exceptional lateral stability, without compromising fuel efficiency, comfort or handling.



Watch the video on TrelleborgAgri to discover more about Trelleborg smart solutions.
Youtube.com/TrelleborgAgri



Sizes in preparation

Size	Load Index	Tread Pattern	SW	OD	Rim
VF 280/70R18TL	116A8 (116B)	PNEUTRAC	290	850	9
VF 280/70R20TL	118A8 (118B)	PNEUTRAC	In preparation		
VF 420/70R28TL	145A8 (145B)	PNEUTRAC	In preparation		
VF 480/65R28TL	148A8 (148B)	PNEUTRAC	480	1340	W16



EIMA INNOVATION AWARD



Printed on recycled paper

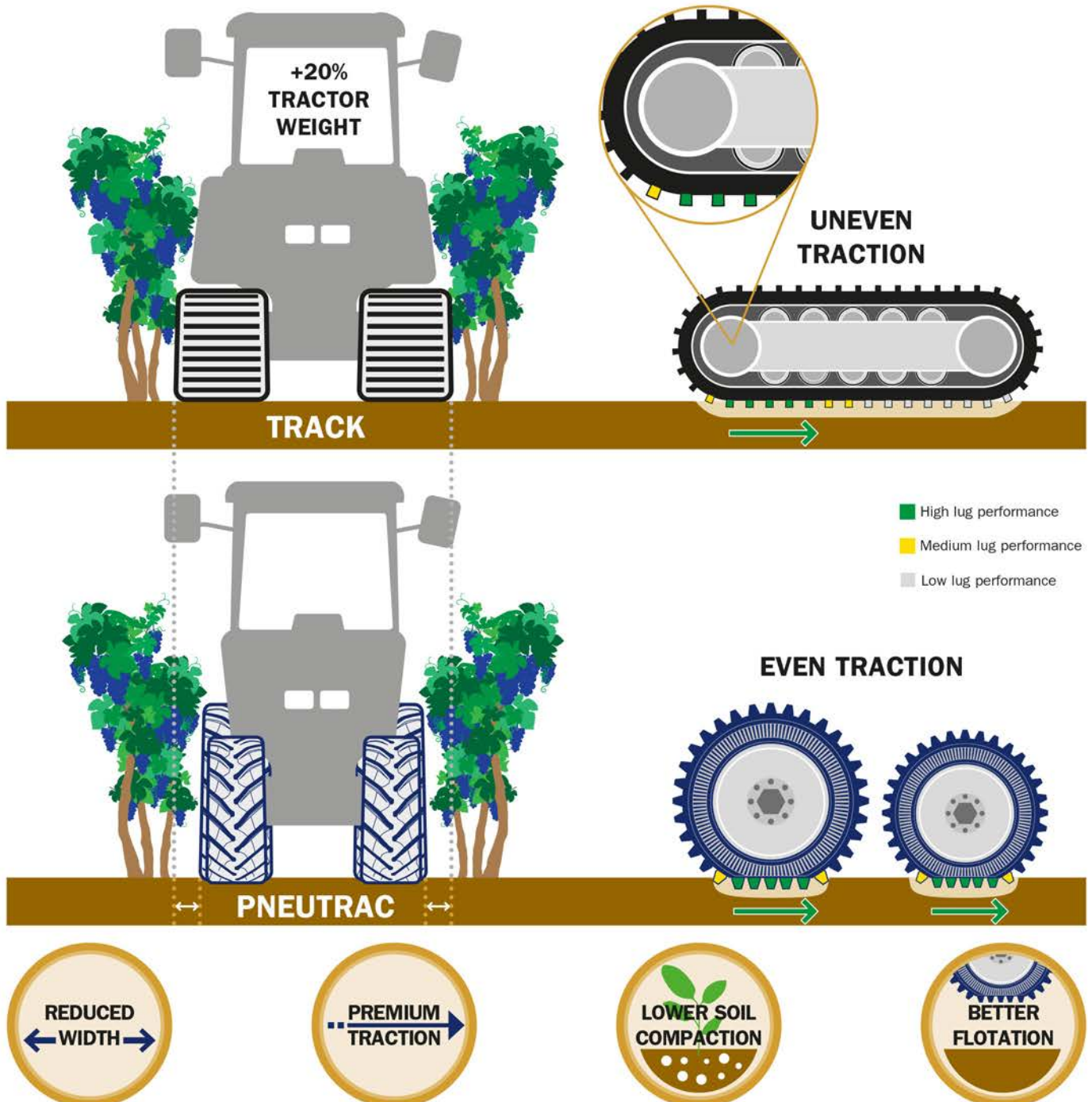
PneuTrac vs. conventional tracks

For vineyards and orchards avoiding damage to roots and topsoil is essential in protecting short and long term yields. This becomes even more challenging factoring in narrow rows and avenues both on flat and sloping ground. PneuTrac delivers all the flotation of a conventional agricultural track while reducing the total width of a tractor when compared to a standard tracked solution.

The PneuTrac reduces significantly the risk of lateral slippage and consequent root, vine or

tree damage as well as providing higher safety for machine operators.

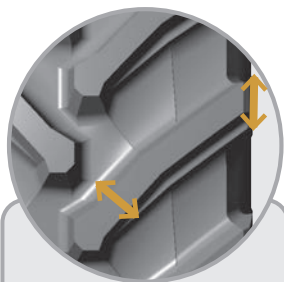
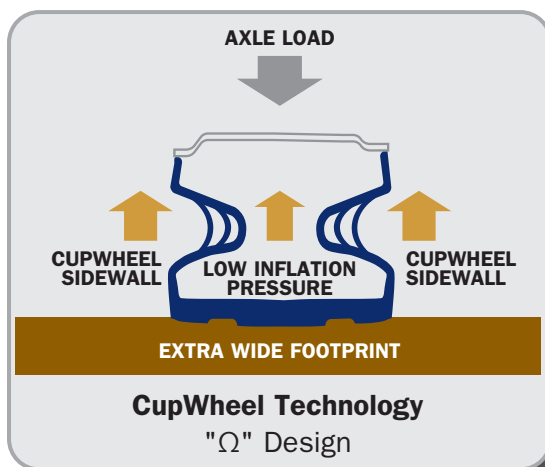
Tractors equipped with PneuTrac are on average 20% lighter than conventional tracks with resultant less stress on soil. Moreover conventional track lugs are at their most efficient towards the rear of the assembly; the PneuTrac gives lug efficiency for the entire length of its footprint. This results in even distribution of traction with both higher grip and lower soil compaction.



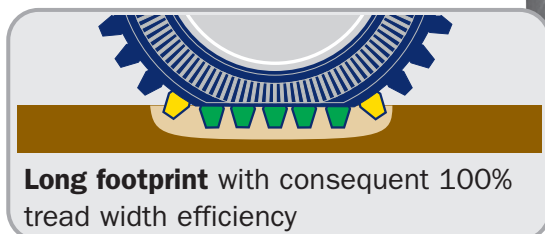
PneuTrac key features

The new PneuTrac contains the best-in-class features of Trelleborg agricultural tires along with a new sidewall; CupWheel Technology. The innovative “Omega” design of the sidewall helps the tire carcass to sustain load, simultaneously providing flexibility and an extra-wide footprint at very low pressure, resulting in very low soil compaction.

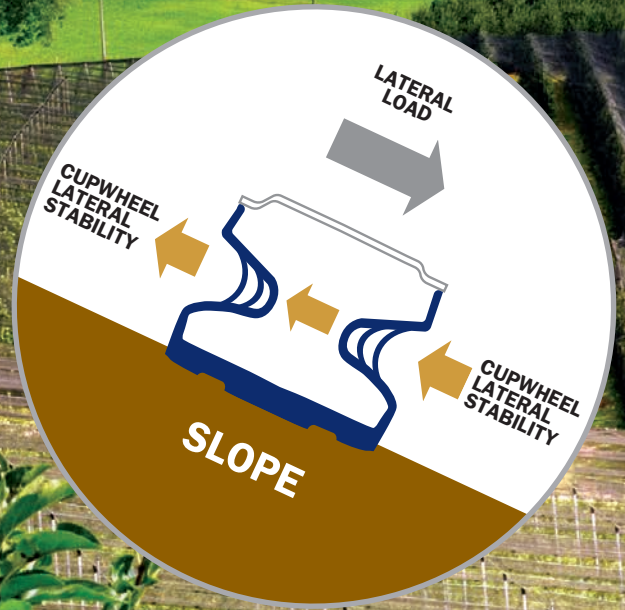
This new design allows the tread to work at 100% of its potential efficiency. The ProgressiveTraction® technology on the tread itself enhances traction whilst the inter-lug terraces improve the self-cleaning capability of the tire. The wide lug bases combined with a robust shoulder feature increase lateral stability especially on slopes.



Wide lug base and robust shoulder design increase lateral stability especially on slopes

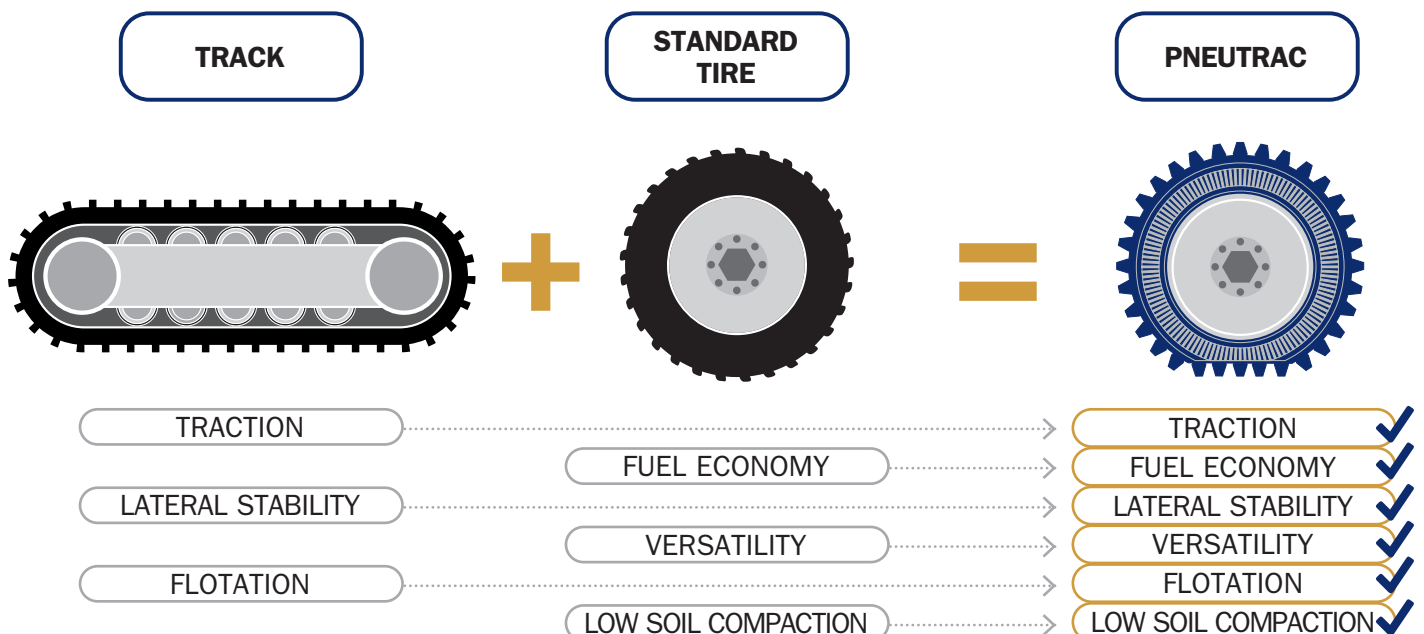


High performance on slopes



The PneuTrac delivers exceptional performance both on flat land and on slopes. For vineyards and orchards, the PneuTrac combines the advantages of a radial agricultural tire, such

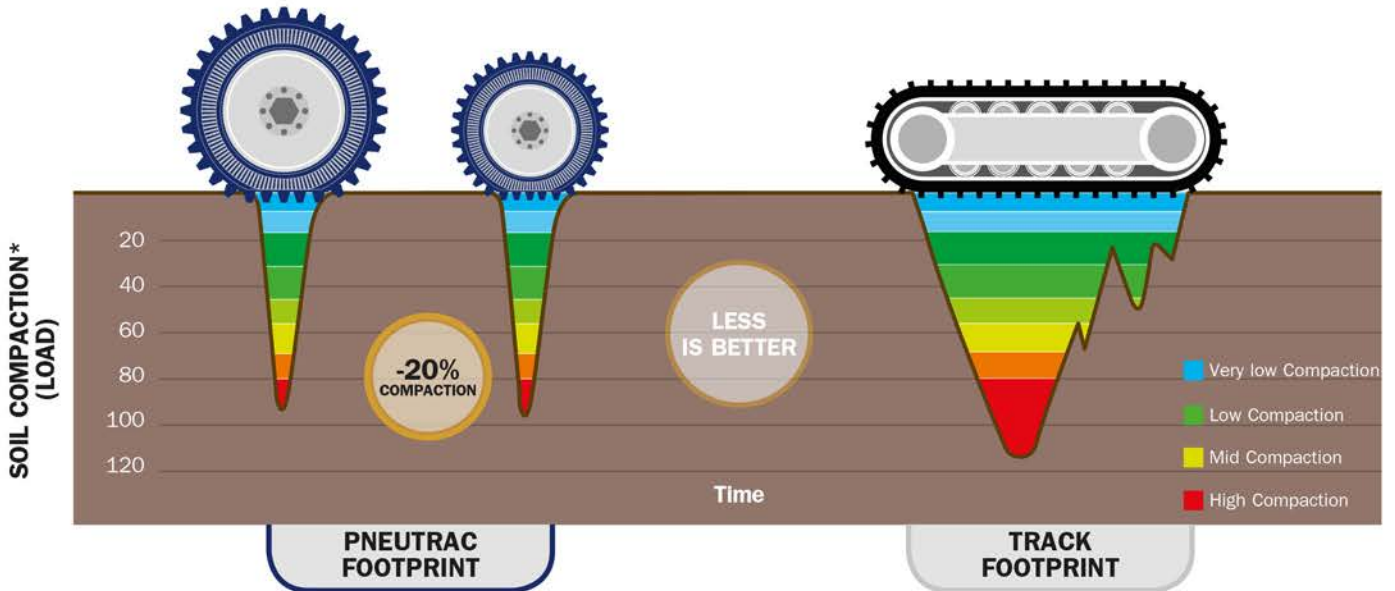
as fuel efficiency, comfort and handling, with the benefits of a track, including flotation and traction on muddy terrain.



Less compression, less compaction

Soil compaction results from compression applied and the time for which this compression lasts. Under identical operating conditions, the PneuTrac impacts on the

ground for a significantly less time than when compared to a standard tracked vehicle, delivering an overall 20% lower soil compaction.



(* Load (kg) measured at 10 cm depth by load sensors

High flotation, maximum ground care

To make agricultural operations both more productive and sustainable, soil compaction needs to be reduced as much as possible. Trelleborg PneuTrac ensures premium flotation

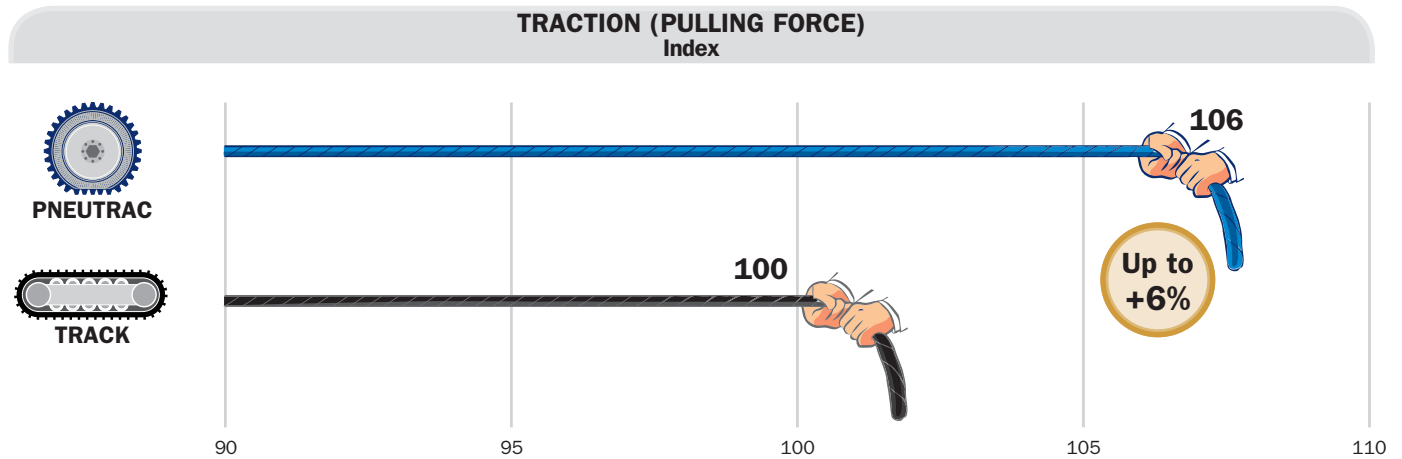
properties providing a footprint average 10% larger than a modern agricultural radial tire thereby protecting the ground.



High traction, when and where needed

When on slopes, after heavy rain, traction becomes an issue. The PneuTrac proves high traction capability powered by the “Omega Design” of the sidewall and enhanced by the ProgressiveTraction® technology applied on the tread. This means high productivity and

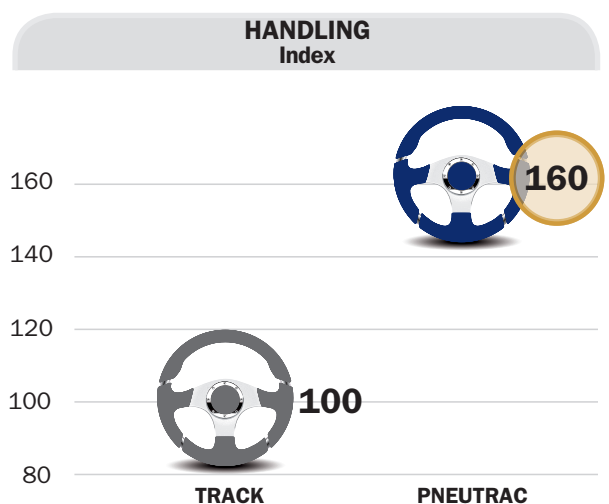
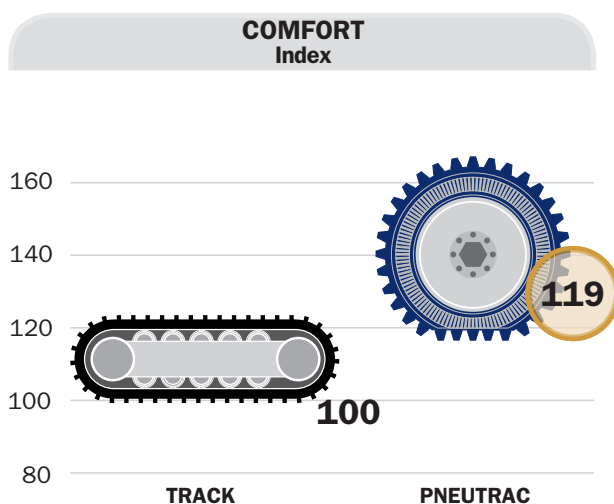
significant overall savings, including costs such as fuel, maintenance and manpower. In the most demanding of conditions PneuTrac reduces machine downtime and keeps you working.



High lateral stability and superior comfort

Compared to a standard track, the PneuTrac performs much better in terms of lateral resistance to slippage ensuring safety and reducing the risk of vine, root or tree damage. In addition comfort and handling performance

are at the same level as that of a radial tire solution. The “Omega” sidewall design handles uneven terrain without breaking its stride protecting equipment and operators alike.





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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