



Release Date: September 30th 2019

Trelleborg PneuTrac selected by New Holland Agriculture to equip the new T4N specialty tractor, finalist of Tractor of The Year 2019

PneuTrac from Trelleborg Wheel Systems has been selected by New Holland Agriculture to fit the new range of T4N specialty tractors, Tractor of the Year 2019 finalist for the category “Best of Specialized”.

On September 27, PneuTrac was the focus of a full educational day which demonstrated the benefits the solution is able to provide to professional specialized farming. The event was held in collaboration with New Holland Agriculture at the CNH Industrial Village in Turin, Italy, with the international jury of the Tractor of the Year Awards in attendance.

The demonstration is part of the new format for Trelleborg Wheels Systems roadshows. Several stops for its global road show in the coming months will promote Trelleborg's agricultural innovations, including products and digital tools.

Lorenzo Ciferri, VP Marketing & Communications at Trelleborg Wheel Systems, commented: “We are extremely proud that New Holland Agriculture selected Trelleborg's PneuTrac for the new T4 Specialty range of tractors for demanding specialty applications. We are confident that our PneuTrac solution will be a powerful differentiator for the new T4 Specialty within vineyards and orchards.”

PneuTrac is a hybrid solution that combines the advantages of a radial agricultural tire in terms of efficiency, comfort and handling, with the wide footprint and traction benefits of a track. It delivers unbeatable performance on both steep slopes and muddy terrain, reducing the stress on roots while ensuring healthy crops and better yields. In addition, on road applications, the hybrid nature of the PneuTrac assures safety, handling, and comfort along with fuel consumption performances in line with a modern radial pneumatic tire.

During the educational day, an innovative test had the ambitious target of measuring soil compaction not only at the ground's surface but also at the depth of the soil where a plant's roots develop and receive nutrients. A digital sensor pad, arranged at approximately 10 centimeters depth in the soil and connected to a monitor, enabled attendees to appreciate the reduced specific pressure distribution within the soil achieved by PneuTrac.

The test demonstrated that, with PneuTrac, a reduced soil compression of less than 30% at a depth of 10 centimeters was achieved compared to the corresponding tire size. In addition, there



was a 15% higher traction capacity and excellent stability on steep slopes, while the number of dangerous specific pressure picks on the soil reduced by over 60%, preserving the soil structure.

PneuTrac contains the best-in-class features of Trelleborg agricultural tires along with a sidewall adopting the CupWheel Technology by Galileo Wheel Ltd. The innovative “Omega” design of the sidewall helps the carcass to sustain load, simultaneously providing flexibility and an extra-wide footprint, resulting in very low soil compaction. This design allows the tread to work at 100% of its potential efficiency.

The Progressive Traction technology on the tread itself enhances traction while the inter-lug terraces improve the self-cleaning capability of the tire. For example, in vineyards the roots are incredibly precious and susceptible to damage. As with conventional agriculture, the soil needs to be protected and machine slippage could easily be a disaster for both the soil and roots.

Ciferri, continued: “When designing the PneuTrac we focused on the specialist requirements of leading brands of vine producers. Two years of intense field testing was conducted with leading Italian and French producers including Frescobaldi, Ferry Lacombe, Mazzei, Banfi, Marramiero and Pellicani.

“In addition, PneuTrac was selected by a number of independent institutes, universities and specialized editors to participate in test and research initiatives. The feedback from users along with the studies and research results exceeded any initial expectations and accelerated the product introduction to market.

“We firmly believe that PneuTrac is a game changing innovation and that it demonstrates our commitment to sustainable farming, helping to protect some of our most valuable agricultural assets.”

Professional farmers and vine growers can select Trelleborg’s PneuTrac during the configuration of the new T4 N/F/LP range, with PneuTrac sizes VF480/65R28 and VF280/70R18.

Trelleborg and New Holland Agriculture are working closely on several joint development initiatives to extend the offering of PneuTrac to additional sizes and tractor ranges.

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Trelleborg Wheel Systems is a leading global supplier of tires and complete wheels for agricultural machines, material handling, construction vehicles, motorcycles, bicycle and other specialty segments. It offers highly specialized solutions to create added value for customers and is partner of the leading Original Equipment Manufacturers. Its manufacturing facilities are located in Italy, Latvia, Brazil, Czech Republic, Serbia, Slovenia, China, Sri Lanka and U.S. www.trelleborg.com/wheels

Trelleborg is a world leader in engineered polymer solutions that seal, damp and protect critical applications in demanding environments. Its innovative solutions accelerate performance for customers in a sustainable way. The Trelleborg Group has annual sales of about SEK 34 billion (EUR 3.32 billion, USD 3.92 billion) and operations in about 50 countries. The Group comprises five business areas: Trelleborg Coated Systems, Trelleborg Industrial Solutions, Trelleborg Offshore & Construction, Trelleborg Sealing Solutions and Trelleborg Wheel Systems. The Trelleborg share has been listed on the Stock Exchange since 1964 and is listed on Nasdaq Stockholm, Large Cap. www.trelleborg.com .