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Trelleborg and Dana jointly develop advanced Central Tire Inflation Pressure System for the agricultural machinery industry

Trelleborg Wheel Systems and Dana Incorporated have jointly developed a revolutionary Central Tire Inflation (CTIS) system for the agricultural machinery industry. The concept of the new CTIS system will be displayed at Agritechnica 2019 (November 10th – November 16th). Named CTIS+ Inside, the full OEM integrated central pressure control system will enable tractor drivers to inflate or deflate tire pressures directly from the tractor cabin, according to the recommended pressure calculated by the advanced Trelleborg Load Calculator (TLC) software.

Paolo Pompei, President of Trelleborg Wheel Systems, says: “In the near future, we believe that the integration of advanced CTIS systems within the new generation of tractors will significantly boost farming efficiency, making the industry more productive and sustainable. Our recent research demonstrates that the adoption of the correct inflation pressure can cut farming variable costs by as much as 20%, while reducing the environmental footprint of farming operations.”

The new system builds on the traditional functionalities of CTIS systems currently in the market, by integrating new and advanced components with state-of-the-art pressure software intelligence, provided by Trelleborg’s TLC software. Pompei adds: “According to our latest customer surveys, the adoption rate of CTIS systems will accelerate over the next three to five years. By 2025, CTIS solutions will equip one out of three tractors with over 120 horse power in Europe and North America. At the same time, we believe that this trend may accelerate if the industry is capable of offering an affordable, efficient, safe and easy to use CTIS system. This is why Trelleborg initiated this journey several years ago by pioneering smart tire technologies such as Variable Inflation Pressure (VIP) and TLC (Trelleborg Load Calculator). At the same time, we decided to partner with a leading industry player like Dana, to complement our technology and extend our solution to leading tractor manufacturers and professional farmers.”

“Trelleborg and Dana have built strong relationships with leading tractor manufacturers through highly engineered innovations that improve performance,” said Aziz Aghili, president of Dana Off-Highway Drive and Motion Technologies. “The joint development of Trelleborg’s CTIS+ Inside technology will enhance the efficiency and productivity of professional farming while further strengthening our reputations and the awareness of our brands within the agricultural sector.”

Trelleborg and Dana are currently working closely with leading tractor manufacturers to make the new solution available during the configuration of new tractors. “Our ambition is to make the new



solution accessible to farmers for the new generations of tractors and agricultural machines by the end of 2020. In time, the solution will be also available for aftermarket, as a retrofit system,” concludes Pompei.

The CTIS+ Inside will be officially launched at a joint press conference with Dana November 11th, at 10.00 am on Trelleborg's stand at Agritechnica (Hall 20, booth A04). The press event is open to customers and visitors and will be live streamed on the company's website and social channels for those that don't attend the exhibition.

In addition, during the exhibition, the CTIS+ will be displayed on a real mock-up installation at Trelleborg's stand enabling customers and visitors to experience the benefits of the system first-hand.

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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 .*

***Dana Incorporated** is a world leader in providing power-conveyance and energy-management solutions for vehicles and machinery. The company's portfolio improves the efficiency, performance, and sustainability of light vehicles, commercial vehicles, and off-highway equipment. From axles, driveshafts, and transmissions to electrodynamic, thermal, sealing, and digital solutions, the company enables the propulsion of conventional, hybrid, and electric-powered vehicles by supplying nearly every vehicle and engine manufacturer in the world.*



Founded in 1904, Dana employs more than 36,000 people who are committed to delivering long-term value to customers. Based in Maumee, Ohio, USA, and with locations in 33 countries across six continents, the company reported sales of \$8.1 billion in 2018. Having established a dynamic, high-performance culture, the company has been recognized globally as a top employer, with significant honors in Asia, India, Italy, Mexico, and the United States. Learn more at www.dana.com.