



Dana Introduces Fuel-Efficient Spicer® TE30 Powershift Transmission for Heavy-Duty Material Handling

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MUNICH, April 15, 2013 /PRNewswire/ -- Today at Bauma 2013, Dana Holding Corporation (NYSE: DAN) unveiled the Spicer® TE30 powershift transmission, designed for reach stackers and heavy-duty forklift trucks with an optimized drivetrain system for greater fuel economy and lower cost of ownership.

Compatible with engines ranging from 225 to 300 kW (300 to 400 hp) – including Tier 4 engines – the Spicer TE30 transmission has the same installation envelope as short-drop versions of the Spicer TE27 and Spicer TE32 transmissions, allowing it to fit into existing material handling vehicle designs.

"Efficient, reliable performance is critical for customers looking to get the most out of their material-handling machines," said Aziz Aghili, president of Dana Off-Highway Driveline Technologies. "The Spicer TE30 transmission incorporates a suite of our proven powershift technologies into a new package that will deliver increased productivity and a greater return on investment."

The Spicer TE30 transmission features numerous engineering refinements to improve efficiency, including decreased spinning speeds of internal components to lower oil churning losses; optimized clutch sizes with intelligent lubrication management; a torque converter with a lock-up clutch to eliminate converter losses in high-power conditions; and reduced gear ratio steps that enable shifting in direct-drive mode.

Dana's proven powershift transmission platform allows efficient, continuous lock-up shifting, while an integral torsional dampener reduces engine vibration. The Spicer TE30 transmission offers five forward and three reverse speeds and meets growing market demand for heavy-duty material-handling equipment.

Available in the first quarter of 2014, the Spicer TE30 transmission may be seen in hall A4, stand 314 at Bauma 2013 as part of Dana's complete range of drivetrain solutions for the construction industry.

About Dana Holding Corporation

Dana is a world-leading supplier of driveline, sealing, and thermal-management technologies that improve the efficiency and performance of passenger, commercial, and off-highway vehicles with both conventional and alternative-energy powertrains. The company's global network of engineering, manufacturing, and distribution facilities provides original-equipment and aftermarket customers with local product and service support. Based in Maumee, Ohio, Dana employs more than 23,000 people in 26 countries and reported 2012 sales of \$7.2 billion. For more information, please visit www.dana.com.

SOURCE Dana Holding Corporation

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