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**IMMEDIATE**

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## **Kalmar to Showcase Dana Rexroth Hydromechanical Variable Transmission in Gloria Series of Reachstackers**

*Optimized drivetrain includes Volvo Penta engine technology  
to reduce fuel consumption by up to 40 percent*

**ARCO, Italy, June 11, 2015 – Dana Rexroth Transmission Systems today announced that its R2 hydromechanical variable transmission (HVT) will be featured on Kalmar’s new Gloria generation of reach stackers as part of the highly efficient Kalmar K-Motion drivetrain.**

**Developed in association with engine manufacturer Volvo Penta, the Kalmar K-Motion drivetrain system for 45-ton Gloria reachstackers can reduce fuel consumption by up to 40 percent while lowering noise levels by up to six decibels.**

**The new Gloria reachstacker debuted this week in Rotterdam, Netherlands at TOC Europe 2015, a global tradeshow that showcases port and terminal technology and operations.**

**“It’s important to have a deep cooperation with suppliers for a number of reasons but especially as integration becomes more and more essential,” says Stefan Johansson, sales and marketing director of Kalmar Reachstackers. “Today the focus is on building a complete system with components that work in harmony for maximum efficiency — rather than just throwing disparate parts together. We’re very pleased with the joint solution we’ve created together with Dana Rexroth and Volvo Penta.”**

**A product of the joint venture between Dana Holding Corporation and Bosch Rexroth AG, the HVT R2 features a modular design that can be adapted for a variety of off-highway applications with net input power from 135 to 195 kW (180 to 260 hp), including front-end loaders, motor graders, industrial lift trucks, reachstackers, forestry skidders, and other select off-highway applications.**

(more)

**“The application of a new technology, such as the Dana Rexroth hydromechanical variable transmission, requires harmonization between the various subsystems to achieve performance and fuel savings targets at the vehicle level,” said Diego Cornolti, head of sales and product management at Dana Rexroth Transmission Systems. “The success of this collaboration can be attributed to the in-depth application knowledge of Kalmar and Volvo Penta, which is reflected in their strong market positions.”**

**The more efficient transmission and smarter software enables a reduction in engine size from an 11-liter D11 Volvo Penta engine to the eight-liter D8 model, further contributing to lower fuel consumption while offering the same superior performance customers expect from this class of reachstacker.**

**“From our perspective, this triangle of collaboration has been a roaring success,” said Volvo Penta key account manager Johan Burgren. “We’ve fine-tuned the application to optimize fuel consumption and drivability — which benefits the customer greatly. We were very grateful to be part of this project.”**

**Dana Rexroth HVTs enable sensitive, precise vehicle positioning with a stepless drive that offers improved acceleration while maintaining tractive effort. They optimize the operating point of the diesel engine by decoupling engine speed from drive speed, and maintenance costs are reduced by utilizing hydrostatic braking and wear-free directional reversing without clutches.**

**The HVT system designed by Dana Rexroth helps reduce complexity for equipment manufacturers, since the entire system of gears, clutches, and hydrostatic units is managed by an advanced electronic control unit and optimized for efficiency by a single supplier.**

#### **About Dana Rexroth Transmission Systems**

**Established in 2011, Dana Rexroth Transmission Systems is a 50-50 joint venture formed by Dana Holding Corporation (NYSE: DAN) and Bosch Rexroth AG to develop and manufacture advanced drive transmissions for the off-highway market.**

**Dana Rexroth develops and manufactures hydromechanical variable transmission (HVT) systems that combine Dana’s expertise in off-highway transmission engineering and manufacturing with Bosch Rexroth’s deep experience in hydraulics and systems.**

**Targeted for use in off-highway applications, the advanced HVT systems developed by Dana Rexroth are focused on meeting customer needs for improved fuel economy, productivity, emissions, and maneuverability.**

**Dana Rexroth Transmission Systems is based in Arco, Italy. For more information, visit [www.danarexroth.com](http://www.danarexroth.com).**