



January 29, 2013

Sauer-Danfoss Expands Portfolio For Cost-Optimized Systems

Targeting medium-duty mobile machines, the first orbital motor and steering unit in the new V-Series will be launched on the global market at bauma 2013 in Munich.

NORDBORG, Denmark, January 29, 2013 – Sauer-Danfoss (NYSE:SHS) Sauer-Danfoss widens the options to tailor mobile machinery to specific work and steering system needs with the new V-Series of orbital motors and steering units. With its best-in-class quality, the V-Series enables OEMs to optimize the system design and cost of small to medium-size vehicles.

A New Quality Benchmark

The first V-Series orbital motor is the VMP. Covering a displacement range of 50 to 315 cm³ [3.05-19.2 in³] and with a pressure capability up to 140 bar [2,030.5 psi], the VMP offers the same space-saving and quality features as the Sauer-Danfoss O-Series orbital motors and is even lighter in weight.

By focusing on hydraulic work functions in the medium-duty range, Sauer-Danfoss has given the VMP the necessary durability to last the lifetime of the overall machine. The result is an optimized motor that reduces the total system cost of the entire hydraulic system.

Tailored To Medium-Duty Tasks

“The VMP has been designed with less demanding or infrequent tasks in mind. That makes it of particular interest to manufacturers of seasonal machines, such as harvesters, and for medium-duty tasks, such as driving the conveyors on agricultural equipment and the brushes on sweepers,” says Knud Meldgaard, Product Marketing Manager.

Other application opportunities include cranes, aerial lifts, seeders and spreaders.

Proven Motor Benefits

In addition to the design flexibility provided by the symmetrical three-chamber motor design, the VMP features a high-pressure shaft seal. For many applications, this eliminates the need to connect a drain line to the tank, significantly reducing installation costs.

The VMP joins the ranks of proven Sauer-Danfoss orbital motors, which have led the market for several decades. Also featuring the well-known O-Series and T-Series motors, the portfolio meets the full range of work function needs, from heavy-duty, 24/7 applications to medium-duty seasonal machinery.

First V-Series Steering Unit

Optimized for small to medium-size vehicles, the first V-Series steering unit – the VSP – offers dependable emergency steering and a well-defined performance. More information on the VSP will be available at bauma 2013.

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About Sauer-Danfoss

Sauer-Danfoss Inc. is a worldwide leader in the design, manufacture, and sale of engineered hydraulic and electronic systems and components for use primarily in applications of mobile equipment. Sauer-Danfoss, with 2012 revenues of approximately \$1.9 billion, has sales, manufacturing, and engineering capabilities in Europe, the Americas, and the Asia-Pacific region.

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