

TOTAL SYSTEMS FOR TOTAL PERFORMANCE AS KAWASAKI LAUNCHES NEW PRODUCT RANGE AT BAUMA

Kawasaki Precision Machinery is helping manufacturers improve efficiency and cost savings, with the launch of a new range of pumps, motors and control valves on stand 101, Hall A4 at Bauma, 11-17April 2016.

The new products build on the company's 20 plus years' experience in hydraulic systems for excavators and signify its move to a total systems supplier for all types of construction machinery, such as telehandlers, backhoe loaders and wheel loaders.

The range includes the K3VLS Axial Piston Pump, developed for machines and equipment that use load-sensing or electronic control systems.

John Boote, business development manager at Kawasaki Precision Machinery, explained: "At the heart of the new range is the K3VLS which is available in sizes 65, 85 and 105cc with 50, 125 and 150cc being officially launched at the show.

"The pump is significantly lighter than previous models in our range and our rigorous in-house testing process shows that it maintains best in class efficiency across the operating range. This greatly impacts the fuel consumption of the machine, resulting in significant cost savings for the end user."

The K3VLS features electronic displacement control, torque limiting control and variable horsepower control. It has a 280 bar maximum operating pressure, 350 bar peak pressure rating and is proven to lower fuel consumption even when idling.

The other new products in the range include the M7V High Speed Axial Piston Motor, one of the quietest on the market, thanks to its newly developed rotating group, the K8V Series Closed Loop Axial Piston pump (available in 71, 90 and 125cc) and the KLSV Load Sensing Control Valve, a series of flow-sharing, load-sensing main control valves.

All products have benefited from the expertise of the Kawasaki technology centre where Computational Fluid Dynamics (CFD), is used to maximise component efficiency.

Boote continued: “We have over 450 engineers in the Kawasaki Development Centre, 110 of whom specialise in hydraulics. Together, they’ve developed everything from the world’s fastest production motorbike, the Ninja H2R, to jet engines and gas turbines.

“This knowledge and research and development has now been applied to develop a range of products for construction machinery that offer significant efficiency and fuel savings when used as individual components, but even more when combined as a total solution.

“Our new total solutions approach builds on our success in the excavator component market and gives clients efficiency and reliability built in, one point of contact from a supplier perspective, and ultimately saves valuable time and resource.”

For full technical product specifications visit <http://www.kpm-eu.com/>.