

New Komatsu GD675-6 Motor Grader with Dual Mode Transmission

Powerful EU Stage IV engine, low fuel consumption and smooth low speed operations.



Vilvoorde, July 2015 — Komatsu Europe International N.V. announces the launch of the new GD675-6 motor grader. Specifically designed for Komatsu motor graders, the exclusive dual mode transmission on the GD675-6 helps to cut fuel consumption by up to 15% and sets it apart from competition. This new Komatsu grader offers the longest wheel base in its class and an exceptionally fine grading performance. A cleaner and high-performance Komatsu EU Stage IV engine makes the GD675-6 more environmentally-friendly, burn less fuel and cost less to operate.

“The grader driver is generally the most skilled operator on the jobsite.” says William Groven, Product Manager for motor graders at Komatsu Europe. “The unique features of Komatsu graders - their precise excavator style hydraulics, unique dual mode transmission and their latest grade control system - all combine to make the experienced operator even more efficient”.

Komatsu EU Stage IV engine - Productive, dependable and efficient

The GD675-6 features a Komatsu SAA6D107E-3 engine, EU Stage IV emissions certified with 163 kW net power (215 HP). Selective Catalyst Reduction (SCR) and AdBlue[®] diesel exhaust fuel further reduce NOx emissions.

Komatsu EU Stage IV engines use an advanced electronic control system to manage airflow rate, fuel injection and combustion parameters. Aftertreatment functions optimise performance, reduce emissions and provide advanced diagnostic capability. Fuel consumption is reduced with no loss of performance. For precise temperature and air management control, and for longer component life, Komatsu also uses a Komatsu Variable Geometry Turbocharger (KVGT) and an Exhaust Gas Recirculation (EGR) valve. Komatsu entirely developed this reliable and durable system, including the control software for effective aftertreatment.

Efficient operation with dual mode transmission

The overall efficiency of Komatsu’s unique dual mode transmission was further improved on the GD675-6. Fuel consumption is reduced by up to 15%, and operators can enjoy the high ground speeds of a direct-drive transmission, as well as the superior control, high tractive effort and anti-stall features of a torque converter transmission. Losses of hydraulic efficiency are eliminated with a new variable capacity hydraulic piston pump. The engine always operates at highest efficiency. New axles with low friction bushings and new intelligent electronic engine control assist the torque converter to provide high power when required and allow smooth operations with no inching at low speeds.

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KOMATSU



The GD675-6 is supported by Komatsu CARE[®], a complimentary maintenance program for Komatsu customers that comes standard with most new Komatsu EU Stage IV construction machines. For the first three years or 2.000 hours it covers factory-scheduled maintenance, performed by Komatsu-trained technicians with Komatsu Genuine parts.

KOMTRAX

The latest KOMTRAX[™] technology on the GD675-6 sends machine operating information to a secure website utilising wireless technology. Data such as operating hours, fuel consumption, location, cautions and maintenance alerts are relayed to the web application for analysis. The KOMTRAX[™] fleet monitoring system increases machine availability, reduces the risk of machine theft, allows for remote diagnosis by the distributor, and provides a wealth of other information to drive business efficiency and productivity.

Information in this news release is current on the date of the announcement and is subject to change without notice.

Notes:

- All comparisons are to the Komatsu model GD675-5
- Komatsu CARE[®] and KOMTRAX[™] are registered trademarks of Komatsu Ltd.
- AdBlue[®] is a registered trademark of Verband der Automobilindustrie e.V.

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