

Komatsu Europe International N.V. Launches D85EXi/PXi-18 Dozer

Automated dozing from rough cut to finish grade



Vilvoorde, January 2016 — Komatsu Europe presents the new D85EXi/PXi-18 dozer, Komatsu’s latest in a growing range of machines equipped with intelligent Machine Control technology. Featuring all the advantages of the D85-18 dozer, and enhanced with the customer benefits offered only by Komatsu’s integrated intelligent system, the D85EXi/PXi-18 improves efficiency and reduces costs for customers.

“When high production must to be combined with finish grading accuracy, the D85EXi/PXi-18 is the answer to all the customer’s needs. With Komatsu’s intelligent Machine Control system integrated directly at the factory, automatic dozing can be used from start to finish, for a drastic improvement to overall job site efficiency”.

The innovative machine control on D85EXi/PXi-18 allows automated operation from heavy dozing to fine grading. The system senses and controls the blade load, optimises the start of the cut and minimises track slip. Equipped dozers can greatly enhance work efficiency in any application, especially when a specific finished level must be guaranteed.

The system is fully integrated; there is no need for operators to climb on the blade to install/remove GNSS antennas, no coiled cables to snag and no electrical connections to worry about at the start and end of each shift.

Powered by a 197 kW (264 HP), SAA6D125E-7, EU Stage IV emissions-certified engine with a “Heavy-duty” aftertreatment system, the D85EXi/PXi-18 emits up to 85% less particulate matter and nitrogen oxides (NO_x) than a D85EX/PX-15. This 11-litre diesel engine features a Komatsu Diesel

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Particulate Filter (KDPF) and a Selective Catalytic Reduction (SCR) system. The KVGTT creates excellent engine response and helps to maintain a high level of passive regeneration, with no fuel wasted on cleaning the exhaust filter.

Komatsu continuously aims to improve cab comfort and ergonomics, and the new D85EXi/PXi-18 crawler dozer provides a comfortable and quiet work environment that helps operators maximize productivity. The newly enhanced ROPS (Roll-Over Protection) cab is large, with excellent side visibility. Standard features include a high capacity air suspension heated seat, viscous cab mounts to reduce shocks and vibrations even in adverse conditions, an upgraded high-resolution large colour 7" LCD monitor on which all machine information is displayed, and a rear view monitoring system that can be synchronised with reverse operation.

The D85EX/PX-18 uses an electronic control powertrain system that significantly improves operations and productivity. Powerful turns under various work conditions are achieved thanks to the Hydrostatic Steering System (HSS). Counter-rotation is available while in neutral for a minimum turning radius and excellent manoeuvrability.

Komatsu patented SIGMADOZER® blade: unsurpassed productivity

The D85EX-18 is equipped with the SIGMADOZER® blade, which gives the machine a high blade capacity of 7,2 m³. The SIGMADOZER® dramatically improves dozing performance and increases productivity by up to 15% over a conventional Semi-U blade. The blade features a frontal design concept adopted for digging and rolling material at the center of the blade. Soil-holding capacity is increased and digging resistance reduced for a smoother flow of material. Larger amounts of soil can be dozed with less power.

The latest KOMTRAX™ telematics, and the Komatsu Care® complimentary maintenance program, offer top fleet management and support, protect the machine against misuse and guarantee maximum efficiency and uptime.

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 D85EX/PX-15 unless otherwise specifically stated.
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