

Highest Emission Standards: PC4000-11 Tier 4

Komatsu officially launches the PC4000-11 Tier 4 at MINExpo 2016 in Las Vegas, NV, USA

Düsseldorf, August 2016 – Komatsu is one of the largest mining equipment manufacturers in the world. Its broad product range includes dump trucks, dozers, wheel loaders, excavators and hydraulic mining shovels. With the new PC4000-11 hydraulic mining shovel, Komatsu meets the Tier 4 emission standards - currently the highest worldwide.

Highest Emission Standards

Komatsu launches the latest update of its products: the Komatsu PC4000-11 Diesel Tier 4. With a new exhaust after treatment system, the machine meets the Tier 4 final emission regulations. These standards are required in northern American countries and will also soon be the EU stage IV emission standard on the European market. The new engine with the selective catalytic reduction (SCR), higher fuel efficiency and low engine emissions level EPA Tier 4 extend the current service intervals.

Easy Maintenance

Speaking about maintenance introduces the next improvement: With extended oil change intervals and easier and safer machine access, the maintenance effort is lower than ever before! The new 45° access systems allows the operation and maintenance personnel an easier and much safer access to the machine. The stairways to machinery house level, as well as the stairway from machinery house level to cabin now occur with greater simplicity.

New Emergency Egress System

Equipped with three emergency exits on two sides of the machine and also one emergency exit hatch from the machinery house to the roof ensures a high safety standard for all operators on the machine. Located on the cab side as well as the opposite side on the machinery house, this stable ladder is mounted in two pieces as a flip down. The anti-slip surface ensures safe egress.

Cabin and Lighting System

Newly standardized for the cabin is the special impact resistant front window which has a thickness of 19 mm giving protection the operator. Another plus of the latest update of the PC4000 is the new lighting system. It consists of the latest LED technology with 14 high performance working lights. This light provides better visibility during darker hours for the operator.

Monitoring Systems and Machine Control

The KOMTRAX Plus system – which is a reliable and long proved Komatsu feature – provides real time information about the operating status of the machine.

KOMTRAX Plus monitors all data for a quick and efficient handling directly in the operator's cabin and as well as this, a new standard is the simplified electrical system. Komatsu controllers reduce nodes and provides redundancy in the electric system for more efficiency in the mine.

New Feature – KomVision

A 360° bird's eye view for safer operation offers KomVision. The whole machine is viewed from above during working. A monitor in the operator's cabin shows the full view of the machine and its surroundings. The operator is additionally able to select one of the cameras for a detailed view of a required area with a 10 inch touch panel.

The machine is also ProVision ready, which means it includes a machine guidance system.

Visit MINExpo 2016 in Las Vegas, Nevada

Every four years, Komatsu displays the latest product developments and design improvements to the mining industry. This year, Komatsu Mining Germany will present the PC4000-11 Tier 4 - our latest updated model incorporating the highest safety and emission standards.

Experience it for yourself – visit Komatsu at MINExpo 2016 in Las Vegas, Nevada, USA at booth 7027. The biggest exhibition for mining will take place on September 26th to 28th!

Further information about Komatsu and the latest PC4000 update can be found here:

www.komatsu-mining.de.

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

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