

The PC2000-8, a new 200-tonne Komatsu excavator cuts operating costs

Vilvoorde June 2007 - Komatsu's newly released PC2000-8 mining excavator / shovel is designed to minimise operating costs through excellent fuel efficiency and easy maintenance. Available in backhoe and loading shovel configurations, this 200-tonne machine is also extremely safe, comfortable and environmentally friendly.

At the heart of the PC2000-8 is a powerful Komatsu SAA12V140E engine. The highly efficient engine combines with Komatsu's Total Power Management system (which minimises power losses in the hydraulics, cooling fan and PTO) to dramatically reduce fuel consumption. For additional fuel savings, the machine is fitted with an idling caution, 'eco-gauge' and adjustable 'E mode' to help the operator work in the most fuel efficient manner possible.

Reducing operating costs even further, the PC2000-8 offers easy maintenance and repair. The new design uses fewer components, helping reduce parts costs. The engine, radiator, oil cooler and PTO are all packaged in the 'power module' making it easier to remove and install components. A catwalk around the power module and centre walkway provides easy access for inspection and maintenance. Furthermore, the Vehicle Health Monitoring System (VHMS) monitors all major components and enables remote analysis of the machine.

The PC2000-8 is also easy on the environment. The engine complies fully with Stage II emissions regulations. In addition, the power module packaging features large sound absorbing blades that help reduce environmental noise to an incredibly low level.

Thanks to a brand new cab design, the PC2000-8 is extremely safe and comfortable for the operator. The new cab is 30% larger than on previous models and offers an excellent all-round view. Its sturdy construction was specially designed for mining applications and includes a top guard that conforms to OPG level 2. Dual rear-view mirrors help reduce blind spots, while a rear-view monitoring system with up to 3 cameras is available as an option.

Like Komatsu's other products, this new excavator and all the components in it are completely designed and manufactured by Komatsu to ensure the best possible performance.

Specifications

Net power @ 1800 rpm
Operating weight
Bucket capacity

Backhoe

713 kW / 956 HP
200 – 204 tonnes
11 – 13.7 m³

Loading shovel

713 kW / 956 HP
195 tonnes
11 m³

Contact:

Kevin Broman
Komatsu Europe International N.V.
+32 2 255 24 58
kevin.broman@komatsu.eu

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