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**Komatsu showcases electrically powered PC4000-11E hydraulic mining excavator at MINExpo 2024**

*Electrification meets high performance*

**September 24, 2024** — At this year's MINExpo, [Komatsu](https://www.komatsu.com/en/?utm_source=Komatsu&utm_medium=PressRelease&utm_campaign=MINExpo2024&utm_content=PC400011-e) is proud to present the PC4000-11E hydraulic mining excavator. The electrically powered hydraulic mining excavator merges the powerful digging force of high-performance diesel machines with the lower carbon footprint of an electrically powered machine. Built to endure the toughest mining operations, the PC4000-11E features robust components for exceptional durability and reliability in the harshest conditions.

Aligned with Komatsu's sustainability focus, the electric drive is designed to reduce emissions by up to 95%. When combined with the Komatsu Trolley Truck Assist System, electrification of production can be significantly increased, promoting more sustainable mining operations. Benefits of electrically powered hydraulic mining excavators include reduced operating costs due to the elimination of diesel fuel with zero tail pipe emissions, resulting in up to 50% savings in the total cost of ownership compared to conventional Tier 4 diesel drives.\*

Komatsu's electrically powered PC4000-11E merges the powerful digging force of high-performance diesel machines with the lower carbon footprint of an electrically powered machine.

The fully automatic cable drum is designed for easier operation of the electrically driven excavator in backhoe configuration. The automatic winding of the cable makes maneuvering in the pit significantly easier and saves time. Simplified electric machine control enables fast troubleshooting and maintenance of the electrical system and contributes significantly to increasing the overall availability of the machine and helping our customers work toward achieving the highest safety standards.

“MINExpo is the perfect platform for us to connect with our global customers and those who aspire to join us. We see ourselves as partners to our customers, supporting and collaborating with them on their journey toward a more sustainable and efficient mining operation,” said Peter Buhles, Vice President Sales and Service, Komatsu Germany GmbH – Mining Division. “We are looking forward to meeting everyone in person at our booth and showcasing our latest technical solutions for hydraulic mining excavators.”

In addition to showcasing the PC4000-11E, Komatsu will demonstrate one of its latest aftermarket solutions, the Komatsu Valve Adjustment Device (K-VAD). This device enables the secure adjustment of main and secondary relief valves on hydraulic mining excavators remotely from within the operator cabin. It eliminates the need for service engineers to work next to high-pressure areas, which helps improve workplace safety.

\* Some Komatsu customers have realized up to 47% savings in total cost of ownership. These results are those of particular customers under their unique operational circumstances. Individual results may vary. Calculations are based on a comparison to the PC4000-11 diesel and assumes the following costs: diesel fuel: $1.20 USD/liter, electric power: $0.06 USD/kWh.

**About Komatsu**

Komatsu develops and supplies technologies, equipment and services for the construction, mining, forklift, industrial and forestry markets. For more than a century, the company has been creating value for its customers through manufacturing and technology innovation, partnering with others to empower a sustainable future where people, business and the planet thrive together. Front-line industries worldwide use Komatsu solutions to develop modern infrastructure, extract fundamental minerals, manage forests and create consumer products. The company's global service and distributor networks support customer operations to help enhance safety and promote productivity while working to optimize performance. Learn more at [www.komatsu.com](http://www.komatsu.com).

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