

PC9000-12

Excavator

The new era of performance in the PC-series

Engineered for maximum performance in large-scale mining operations, this machine offers flexible front shovel and backhoe configurations with diesel or electric drive options. Perfectly matched to Komatsu trucks up to the 980E series for maximum productivity.

Productivity

The PC9000 combines the largest bucket, longest reach, and highest digging forces in the PC-class to move more material in less time. Fast cycle times of under 30 seconds, enabled by advanced hydraulics and cooling, further boosting efficiency. Optimized for a 3–5 pass match with Komatsu trucks from 830E to 980E, it delivers around 8,000 tons per hour under optimal conditions. The machine is available as a 46 m³ front shovel or a 49 m³ backhoe and can be equipped with either a diesel or electric drive to match your operation.

Production Cost

The PC9000 reduces total cost of ownership through faster, simpler maintenance and extended service intervals to further lowering cost per ton. Durable components minimize wear and downtime, while the spacious machine house ensures easy service access. A closed hydraulic oil tank with lightweight filters and up to 2,000-hour intervals increases uptime, while the 60,000-hour slew ring extends overhaul cycles. An optimized undercarriage design further enhances durability and reduces operating costs, and its modular setup allows a quick switch to an oversize sprocket, extending trackpad life.

Operator Comfort

Komatsu's largest cabin combines low noise levels of only 71 dB(A) with improved visibility and a spacious layout, helping operators stay focused throughout long shifts. Ergonomic seats with adjustable joysticks and armrests deliver all-day comfort. Dual-zone climate control and air quality management ensure a consistently comfortable environment. A side-by-side trainer seat makes operator training easier, while the new left-side entrance and large rear window improve emergency egress and overall safety.



Quick specs

| | Front shovel | Backhoe |
|-----------------------|---|---|
| Operating weight | 884 t | 896 t |
| Bucket volume | 46 m ³ (60 yd ³) | 49 m ³ (64 yd ³) |
| Engine power (2x) | 1.678 kW (2,250 HP) | |
| Swing speed | 3,4 rpm | |
| Tier 4 option | yes | yes |
| Electric drive option | yes | yes |

Solutions for safe and efficient operations



Safety

Safety is our top priority. The left-side cabin entrance provides direct access to the emergency flip-down ladder, while the rear cabin window serves as a secondary escape route. Our new machine layout even includes a ladder inside the engine and cooler house, allowing operators to evacuate safely from all critical areas. Wide walkways, handrail-equipped platforms, and EMESRT-designed service points make routine maintenance safer, faster and more ergonomic. With KomVision cameras enhancing visibility, operators enjoy better situational awareness, helping to stay focussed in all situations.



Technologies and Features

Komatsu's KOMTRAX Plus system provides real-time machine data, instant fault alerts, and supports predictive maintenance to help reduce downtime. Optional Iridium satellite communication is available (subject to regional availability). Complementing this, advanced digital solutions further enhance situational awareness and performance: KomVision delivers a 360° bird's-eye view using multiple cameras, eliminating blind spots and improving operator awareness. CTS Go supports efficient component tracking, while KVAD enables advanced diagnostics and data-driven optimization. For more information, please contact your local Komatsu representative.



Service and customizable machine options

While Komatsu shovels and backhoes meet the density benchmark of 1,8 t/m³, you have the option to customize your machine to the bucket size and wear package you need.

You can also choose:

- Various bucket sizes, optional with wear packages
- High altitude and arctic temperature options
- Special trackpad variations
- Several more options

We offer comprehensive services, such as productivity-enhancing training, financing options and aftersales service. We know a profitable operation is important to you, so our excavator experts can help you maximize results. Komatsu manufactures up to 70% of the components used in its excavators in-house and as an OEM, provides comprehensive service and financing solutions.



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