

PC8000-11 Hydraulic Excavator



Add a true excavating performer to your fleet

When you need to cycle through large loads, the PC8000-11 has you covered. Designed with input from mining operations worldwide to maximize productivity with 240- to 400-short ton trucks, the PC8000-11 is now available with the latest technologies and clean T4 diesel engines.

PC8000-11 improvements over PC8000-6

- Tier 4 Diesel engine availability — only 10 percent of the particulate matter output and 30 percent of the NoX emission outputs of Tier 1 engines
- Latest industry standards that protect operators — 3-way egress system, 45-degree access system, rescue hatch, maintenance handrails and further improvements

Sustainable, fuel-efficient Tier 4 engine

The PC8000-11 offers the latest Tier 4 technology with plenty of power and exceptional sustainability. An exhaust aftertreatment system reduces dangerous NOx, and enables easy servicing of emissions components. The exhaust aftertreatment system by diesel exhaust fluid (DEF) enables this engine to achieve US EPA Tier 4 emission standards and the European EU V regulation. The new configuration includes an SCR catalyst assembly equipped on the machinery house roof and an additional DEF tank equipped on the machinery house roof close to the exhaust system. Engine settings have also been enhanced.

Robust design for exceptional productivity

We offer productive and customizable mining excavators for all kinds of mining applications. The Komatsu PC8000-11 hydraulic excavator is designed for more tons per hour.

Our hydraulic excavators are designed for more tons per hour through a combination of powerful digging forces and easy handling of bucket filling. Our proven attachment design allows the operator to dig under all conditions. Various buckets and wear packages are available to adapt to all material densities and properties.

Quick specs

	Front shovel	Backhoe
Operating weight	769 tons	777 tons
Bucket volume	42 m ³ (55 yd ³)	
Engine power	3 000 kW (4,020 HP)	
Swing speed	2.7 rpm	
Tier 4 option	Yes	Yes
Electric drive option	as -6 version	as -6 version

Performance-boosting features and options



Engineered to perform

The PC8000-11 is the market leader in its weight class and was made for the toughest and most inhospitable environments in the world. Engineered using meticulous standards, this machine is built using high-quality materials to achieve a high measure of durability. Designed for use with trucks between 240 and 400 tons in the haul cycle, the PC8000-11 with its 42 m³ is made to excavate up to 6,800 tons per hour under optimal conditions. Integration with the latest Tier 4 technology ensures this excavator is industry compliant.



Operator protections

We understand that protecting your employees is a top priority. That's why we've engineered these machines to promote zero harm. Our access and egress system exceeds industry standards. It allows the operator to escape in case of an emergency, with two solid flip-down ladders for a quick exit on either side of the excavator. The emergency hatch enables an escape from the machinery house onto the roof. Wide walkways to the regular service points, proper platforms equipped with handrails and kickboards, and easy access to all service points protect the operator while also making maintenance easier. Plus, KomVision camera visibility can help to reduce pit accidents and increase operator awareness.



Komtrax Plus

The Komatsu Komtrax Plus monitoring system is designed for Komatsu mining equipment to provide real-time and stored information about the machine's operating status. Fault messages are immediately available to the operator via a digital display and, in the event of critical malfunctions, the engine is also shut down. The digital storage provides a failure summary and analysis, which can assist in predicting or reducing downtime and can be downloaded to a laptop. Optionally available is Orbcmm satellite transmission (check for availability in your territory).



Service and customizable machine options

While Komatsu shovels and backhoes meet the density benchmark of 1.8 g/m³, you have the option to customize your machine to the bucket size and wear package you need. You can also choose:

- Wear buckets, available in various sizes
- Travel gear protections
- Special trackpad variations
- Several more options

We offer comprehensive services, such as productivity-enhancing training, financing options and after-sales service. We know a profitable operation is important to you, so our excavator experts can help you maximize results. Komatsu manufactures over 70 percent of the parts used in our excavators in-house and is also responsible as an OEM for service and financing.

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