



WE1350 Gen 3

Electric drive wheel loader



Make your operation its most productive

When your goal is maximizing the productivity of your mining operation, it's all about cost per ton. The versatile WE1350 is engineered to improve both sides of the equation in a variety of applications, including hard rock open pit mining operations: lightning fast cycle times and utmost reliability to boost production, with multiple features designed to reduce fuel, maintenance and operational costs.

Sustainable, fuel-efficient hybrid drive

The SR Hybrid Drive system is fully regenerative. During braking or retarding, electrical motors become generators and feed power back into the electrical system. This allows for up to 45% less fuel consumption than comparably sized mechanical drive wheel loaders, and a considerable reduction in carbon emissions per ton than any loader in class.

Ultimate versatility

Operating as production or backup, the WE1350 has the capability to keep the pit floor clean and level without support equipment. Versatile enough to handle berm maintenance, road repair, as well as cutting ramps, it has great mobility and travel speed for blending ore or pit-to-pit relocation.

WE1350 Gen 3 performance improvements over Gen 2

Cycle time	30.1 s	38% Reduction in cycle times
Fuel burn	73.5 TPG	19% Extra tons moved per gallon
HP per ton	12.8 HP	74% Additional HP per ton moved
Hydraulic	19.9 s	15% Reduction in hydraulic cycle time
Rim pull	275 lbs.	31% Increased rim pull
Production	3,368 TPH	27% Increased production

Quick specs

Truck match	200-260 ton
Payload	90,000 lbs.
Bucket capacity	30 yd ³
Operating weight	428,200 lbs.
Engine HP	1,560 HP
Kess HP	1,100 HP

Built to maximize work site efficiency



Peak power on demand

The Kinetic Energy Storage System (KESS) works in concert with the SR Hybrid Drive to store significant horsepower captured from braking and direct it to supplement peak power demand. The result is fast cycle times for more tons per gallon/liter used or CO2 emitted.



Controls that support operator efficiency

The LINCS II network control system provides instant, real-time feedback and vital statistics, such as bucket height and angle, individual bucket payload, and total tons moved. All of it helps your operators maximize productivity by adjusting to conditions.



Fast, efficient maintenance

Multiple design features help keep your maintenance costs low: the integrated, patented drive system has fewer components compared to mechanical drive, resulting in less rotating parts, providing longer maintenance intervals; multiple access points mean faster component change-out times and more uptime for your machine.



Attuned to operator comfort

The spacious, environmentally controlled cab offers great visibility, a comfortable ride and room for a trainer seat. Digital joysticks give your operators easy and responsive control, while the highly adjustable, heated/cooled seat helps minimize driver discomfort.

For more information, contact a Komatsu Mining representative, or visit www.mining.komatsu.

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