



PROUD TO PERFORM

DISCOVER

HYBRID TECHNOLOGY

KOMATSU

WE ARE HYBRID

Innovation is at the core of Komatsu's DNA. And in today's world of global warming and rising costs, the exclusive Komatsu Hybrid technology is your ideal combination of know-how, customer service and environmental responsibility.

“Less emissions and ultra-low noise levels further reinforce Komatsu’s commitment to a reduction of the environmental impact of earthmoving machines”

Koenraad Staels
Komatsu Product Manager







ENVIRONMENTAL RESPONSIBILITY

Komatsu Hybrid excavators strongly contribute to reduce your carbon footprint and environmental impact, with up to 40% less fuel consumption and emissions.

“It is fantastic to see how much work a Komatsu Hybrid excavator can do in one day. Its power and precision are amazing!”

Alain Hubert
Founder of the International Polar Foundation



POWER AND EFFICIENCY

Komatsu Hybrid excavators feature a unique one hundred percent electric swing system. All the hydraulic power is freed up for the boom, arm and bucket movements, with cycle times and productivity greatly improved.

“Komatsu Hybrid excavators are built for power and production first, with considerable fuel savings as an added benefit”

Kurt Moncini
Senior Product Manager, Komatsu America





WELCOME TO FIRST CLASS

Low noise levels, a heated high back air-suspension seat, KomVision surround view and a new high resolution monitor with enhanced and intuitive on-board diagnostics. Komatsu Hybrid excavators perfectly balance safety and ergonomics.

"We are using 60 liters less fuel each day, which represents a massive saving over the course of a year."

Mike Brazendale
National Operations Manager, Hawk Plant Ltd





AT A GLANCE

- POWERFUL AND ENVIRONMENTALLY FRIENDLY EU STAGE IV ENGINE
- PROVEN 4TH GENERATION KOMATSU TECHNOLOGY
- ULTRA-LOW NOISE LEVELS
- 5 YEARS OR 10,000 HOURS WARRANTY ON HYBRID COMPONENTS
- KOMATSU CARE™ MAINTENANCE PROGRAM FOR KOMATSU CUSTOMERS
- KOMTRAX — STATE-OF-THE-ART WIRELESS MONITORING

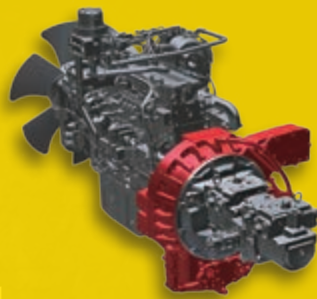


KOMATSU HYBRID TECHNOLOGY

INNOVATION AND DRASTIC FUEL SAVINGS.

In Komatsu's unique hybrid system, the electric swing motor-generator captures and regenerates energy as the upper structure slows down and converts it into electric energy.

The regenerated energy is stored in the capacitor and can be used to swing, or by the generator-motor to help the engine accelerate.



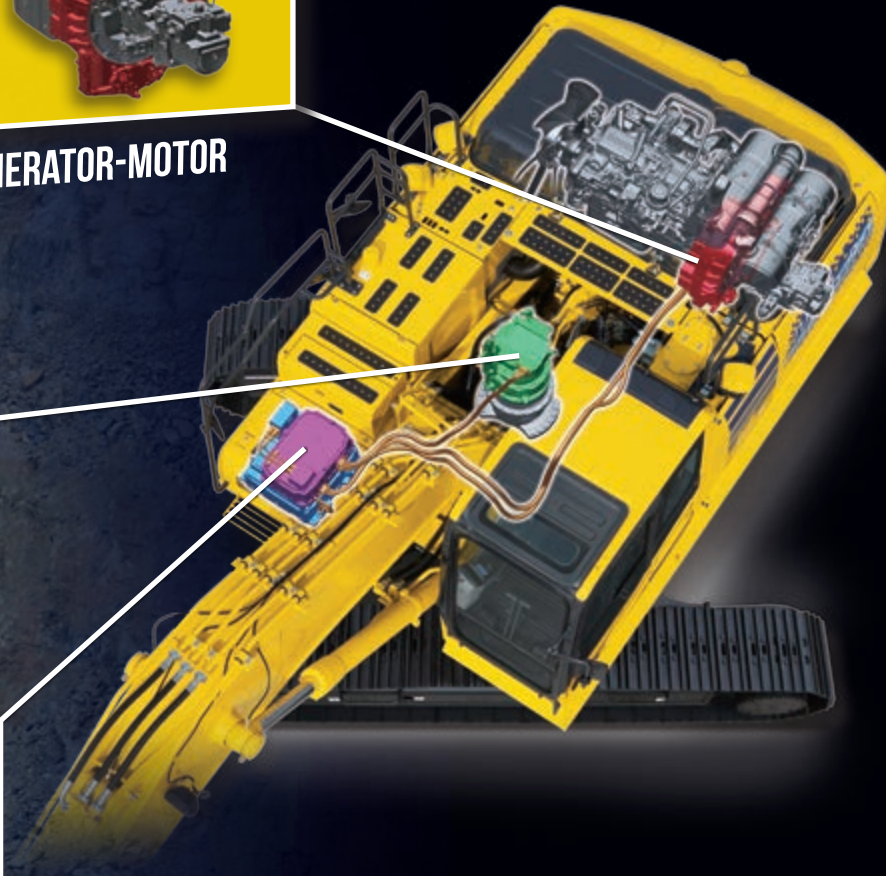
GENERATOR-MOTOR



ELECTRIC SWING
MOTOR-GENERATOR



INVERTER AND CAPACITOR





PROUD TO PERFORM

OUR CONTRIBUTION

KOMATSU HYBRID TECHNOLOGY

“I love working with my Komatsu Hybrid excavator. The fuel savings and noise reduction are great, and the extra power makes it outstanding for our production.”

Sieger Raimund – Owner Raiconst

Your Komatsu partner:

KOMATSU

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