

Hybrid Excavator

This hybrid excavator is designed for digging and excavation tasks. It features a robust construction, an advanced hydraulic system, and a fuel-efficient hybrid engine.



Overview

Advanced Hybrid Excavator

This hybrid excavator is engineered to deliver superior fuel economy and enhanced operational efficiency. By integrating advanced energy recovery systems and engine optimization, it achieves energy savings of 15% to 20% compared to conventional models of the same tonnage. The system is designed for reliability and long service life, featuring a high-performance hydraulic accumulator and a compact, high-torque hydraulic pump/motor.

Performance Metrics

Fuel Efficiency Improvement

15 %

Minimum Energy Savings

20 %

Maximum Energy Savings

Technical Specifications

Hydraulic System Capabilities

- High-efficiency hydraulic accumulator
- Quick charge and discharge capability
- High control precision
- Quick response speed
- Compact structure with small installation space

Environmental Compliance

Eco-friendly, Energy recovery system, Low emissions

System Design

Key System Advantages

Feature	Benefit
Hybrid Power System	Integrates energy recovery and fuel optimization
Hydraulic Pump/Motor	Big output torque and lightweight design
Accumulator	Long service life and non-polluting components