

# 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