

# Robotic Excavator with Remote Control

This robotic excavator combines multi-sensor data and wireless technology for versatile control. Its intelligent system offers self-learning capabilities and ensures safe, reliable performance in manual, remote, and automatic modes.



## ADDITIONAL IMAGES



## Product Overview

### Intelligent Robotic Excavator

This advanced robotic excavator integrates multi-sensor amalgamation, wireless AP, and virtual instrument technologies to deliver a high-performance, intelligent control system. Designed for versatility, it supports manual, remote, and automatic control modes, featuring on-line self-learning capabilities for high-precision motion repetition. With a robust electro-hydraulic proportional system and remote wireless data/video transmission, this machine enhances operational precision, safety, and efficiency for complex construction and utility tasks.

## Control System

### Remote Control Range

**500 m**

Range

### Key Control Features

- On-line self-learning function
- Wireless data and video transmission
- Real-time pose monitoring
- Fault alarm system
- Automatic self-restoration of manipulator

### Control Modes

Manual, Remote Control, Automatic

## Technical Specifications

### Safety & Protection

Self-protection function • Fault alarm • Real-time monitoring

### Hydraulic System

LS system with electro-hydraulic proportional valve block