

# Heavy-Duty Hydraulic Excavator

This excavator is a robust construction machine designed for heavy-duty excavation and material handling tasks. It features a powerful hydraulic system for efficient operation and a spacious, ergonomic cabin.



## Overview

### Designed for Extreme Conditions

The SC400.8 is a high-performance 45T class excavator engineered specifically for demanding mining and harsh operating environments. It combines a powerful 254KW engine with an advanced hydraulic system to deliver superior digging force and fuel efficiency. Designed with high-strength materials and ergonomic operator features, this machine ensures maximum productivity and comfort during long-term, heavy-duty operations.

## Performance Metrics

### Core Specifications

**45 T**

Operating Weight Class

**254 KW**

Engine Power

**23 %**

Bucket Digging Force Increase

## Technical Features

### System Capabilities

- Automatic idle speed control
- Dynamic power increase function
- Variable power selection models
- Enlarged hydraulic passage diameters
- High-strength steel structural welding

## Operator Environment

### Cabin Comfort & Safety

Ergonomic design, Adjustable driving seat, Sealed cabin environment, Enhanced visibility, Safety-focused construction