

# Top-Slewing Tower Crane

This top-slewing crane features a stable tower body. It also provides smooth slewing for efficient operation.



## Product Overview

### High-Performance Top-Slewing Tower Crane

This tower crane is engineered for heavy lifting operations in diverse construction and industrial environments. It features a cantilever boom structure that ensures structural stress optimization, enhanced safety, and long service life. Equipped with sophisticated frequency control and dual safety systems, the unit provides precise load handling and reliable operation for high-rise projects and large-scale infrastructure.

## Engineering and Design

### Design Advantages

- Cantilever boom structure
- Variable cross-section materials
- Modular assembly for simplified transport
- Container-ready transport design (models over 12t)
- Patented rope-supporting trolley system

## Mechanical Systems

### Performance Metrics

**50 %**

Rope-supporting trolley speed ratio

## Safety and Control

### Safety Features

Double safety monitoring system, Low/medium pressure hydraulic system, Frequency control lifting mechanism, Eddy current brake series resistance, Torque electric motor slewing

## Installation

### Installation Logistics

Feature	Benefit
Mounting Brackets	Saves time and ensures quality
Structural Assembly	Flexible installation and uninstallation
Boom Configuration	Easily adaptable lengths