

# TC6520 Tower Crane

This tower crane utilizes advanced technology in its design. Its structure is designed with three-dimensional software and force calculation software to ensure safety and performance.



## ADDITIONAL IMAGES



## Overview

### TC6520 High-Capacity Tower Crane

The TC6520 Tower Crane is a robust heavy-lifting solution designed for demanding construction environments. Featuring a maximum lifting capacity of 12 tons and a flexible working range up to 65 meters, it provides excellent reach and load management. Engineered for durability, it operates reliably in extreme temperatures ranging from -40°C to +60°C.

## Performance Metrics

### Key Operational Metrics

**12 t**

Max Lifting Capacity

**65 m**

Max Working Range

**2 t**

Tip Load at 65m

**53 m**

Independent Height

## Technical Details

### Mechanical Specifications

Mechanism	Speed	Motor Power
Hoist (Falls 2/4)	0-100/0-50/0-27 m/min	55 kW
Trolleying	60/9 m/min	5/3.7/1.1 kW
Slewing	0-0.6 r/min	2x95 Nm

### Electrical Requirements

- Power supply: 220 KVA (generator) / 235 KVA (transformer)
- Startup voltage/current: 361V / 260A
- Rated voltage/current: 380V / 150A
- Cable type: 50mm<sup>2</sup> (5 core)

## Operational Environment

Environmental Conditions

-40 to +60°C Operating Range, Suitable for extreme climates