

# Flat Top Tower Crane

This flat top tower crane is designed for efficient and safe lifting operations at construction sites. Its modular design allows for easy assembly and disassembly.



## ADDITIONAL IMAGES



## Overview

### TCP7021 Flat Top Tower Crane

The TCP7021 is a high-performance flat top tower crane engineered for efficient material handling on demanding construction sites. Featuring a modular design that facilitates easy assembly and disassembly, this crane minimizes downtime and transportation costs. Its robust steel structure and advanced control systems ensure stability, precision, and safety during heavy lifting operations, making it an ideal choice for high-rise buildings and large-scale infrastructure projects.

## Performance Metrics

### Max Lifting Capacity

**12 t**

Max Capacity

**2.1 t**

Tip Load at 70m

### Working Range

- 30
- 40
- 45
- 50
- 55
- 60
- 65
- 70

## Dimensions and Height

### Height Specifications

**50 m**

Independent Height

**200 m**

Max Height with Attachment

Mast Section Size (LxWxH)

2x2x3 m

## Technical Mechanisms

### Hoist Mechanism Performance

Falls	Lifting Capacity (t)	Speed (m/min)
2	0-3 / 0-6	0-85 / 0-42.5
4	0-6 / 0-12	0-42.5 / 0-21.2

### Drive Motors

Mechanism	Model	Power
Hoist	YZPBF250M1-4	45 KW
Trolleying	YPBE132S-4	5.5 KW
Slewing	YTW132M-4	7.5 KW

## Electrical and Environment

### Power Supply Requirements

220KVA (Generator) • 235KVA (Transformer Booster)

Working Temperature

-40 to +60 °C

Electrical Parameters

380V Rated Voltage, 150A Rated Current, 50mm<sup>2</sup> Cable