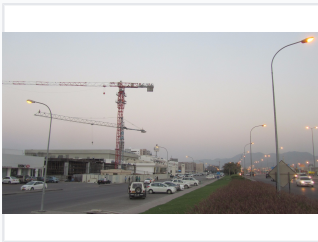


Flat Top Tower Crane

This flat top tower crane utilizes advanced technology in its design. Its structure is designed for safety and performance using three-dimensional software.



ADDITIONAL IMAGES



Overview

TCP5210 Flat Top Tower Crane

The TCP5210 is a high-performance flat-top tower crane engineered for efficient material handling on demanding construction sites. Its modular design facilitates rapid assembly and disassembly, significantly reducing downtime and transportation logistics. With advanced control systems and a flat-top configuration, it allows for seamless operation in congested environments where multiple cranes are required, ensuring both precision and high productivity.

Performance Metrics

Rated Hoisting Moment

60 t·m

Rated Hoisting Moment

Lifting Capacity

5 t

Max Load Capacity

1 t

Load at Max Radius

Technical Specifications

Working Parameters

| Parameter | Value |
|-------------------------|------------|
| Working Radius | 2.5 - 52 m |
| Independent Hook Height | 35 m |
| Anchored Hook Height | 141.70 m |

Operational Speeds

| Function | Speed (a=2) | Speed (a=4) |
|------------|----------------|-------------------|
| Hoisting | 70/35/7 m/min | 35/17.5/3.5 m/min |
| Trolleying | 20/40 m/min | 20/40 m/min |
| Slewing | 0.31-0.6 r.p.m | 0.31-0.6 r.p.m |
| Traveling | 12.5-25 m/min | 12.5-25 m/min |

Power and Electrical

Mechanism Power

- Hoisting: 18/18/3.5 KW
- Trolleying: 2.2/1.5 KW
- Slewing: 2.2 x 2 KW
- Traveling: 1.7 x 2 KW

Mains Supply

380V 50Hz (440V 60Hz), 150KVA

Features

Safety Features

Overload Protection, Anti-collision System, Wind Speed Monitoring