

Mobile Crane Technical Specifications

This document outlines the technical specifications of a mobile crane. It details performance metrics such as lifting capacity, height, and speed, alongside dimensions and engine specifications.



最大起重量	kg	25000
最大起升高度	m	40.8
主臂	m	49.52
臂展	m	19.015
最大起臂力矩	kN.m	941
最大起升速度 (单绳)	m/min	100
回转速度	r/min	2.5
外形尺寸	m	12.38 x 2.5 x 3.38
净重	t	27.9
发动机		6C215-2 / SC8DK28003
最大功率	kW/rpm	158/2200 / 206/2200
最大扭矩	N.m/rpm	790/1400 / 1112/1400
最大起臂速度	m	22 / 22
最大回转速度	°/min	27 / 30
最大行驶速度	km/h	72 / 72
俯仰角	(°)	15 / 15
回转角	(°)	13 / 13
轴距	m	4.8 / 9.0 / 4.8 / 9.0

Overview

High-Performance Mobile Crane

This versatile mobile crane is engineered for heavy-duty lifting operations, offering a robust 25,000 kg maximum rated lifting capacity. With a flexible boom configuration and powerful engine options, it provides excellent maneuverability and performance on diverse job sites. Its compact design and strong gradeability make it an ideal choice for complex construction and logistics tasks requiring precision and reliability.

Lifting Performance

Max Rated Lifting Capacity

25000 kg

Max Lifting Capacity

40.8 m

Max Lifting Height

941 kN.m

Max Load Moment

Boom and Jib Configuration

Component	Specification
Main Boom	4 Sections (32m)
Jib	1 Section (8.15m)

Operational Speeds

Operational Speeds

Metric	Value	Unit
Hoist Speed (Single Rope)	100	m/min
Slewing Speed	2.5	r/min

Engine and Powertrain

Engine Specifications

Parameter	Option 1	Option 2
Engine Model	16C215-2	SC8DK 28003
Max Power (kW/rpm)	158/2200	206/2200
Max Torque (N.m/rpm)	790/1400	1112/1400

Dimensions and Mobility

Mobility and Dimensions

- Outline Dimensions: 12.36 x 2.5 x 3.38 m
- Total Weight: 27.9 t
- Min. Turning Diameter: 22 m
- Max. Gradeability: 27% - 30%
- Max. Travelling Speed: 72 km/h
- Approach Angle: 16°
- Departure Angle: 13°
- Outrigger Span: 4.8/6.0 m