

# Elevator and Funicular Car

This elevator car is suitable for use in both elevators and funiculars. It provides a safe and reliable means of transporting people or goods vertically or on an incline.



最大吊重 Max. Rated Lifting Capacity	kg	30000
最大吊升高度 Max. Lifting Height	m	48.7
主臂 Main Boom	m	4節 10.5-33
副臂 Jib	m	2節 8.5, 15
最大吊臂力矩 Max. Boom Moment	kN.m	1166
最大吊臂速度 (伸縮) Max. Boom Speed (Extend)	m/min	110
吊臂速度 Boom Speed	m/min	3
外型尺寸 Outline Dimensions	m	12.613 x 2.5 x 3.28
總重量 Total Weight	t	32.3
吊機型號 Crane Model		WD615.50 SC8DK280Q3
最大輸出功率 Max. Output Power	kW / (hp/min)	206 / 2200 206 / 2200
最大轉矩 Max. Torque	N.m / (rpm)	1100 / 1300 1112 / 1400
最大吊臂長度 Max. Boom Length	m	36 36
最大吊臂直徑 Max. Boom Diameter	mm	30 30
最大吊臂重量 Max. Boom Weight	kg	72 72
吊臂角度 Boom Angle	(°)	16 16
副臂角度 Jib Angle	(°)	15 13
吊機高度 Crane Height	m	5.35/6.0 5.35/6.0

## Overview

### High-Performance Mobile Crane

This robust mobile crane is engineered for demanding lifting operations, offering a maximum rated lifting capacity of 35,000 kg and a total lifting height of 48.7 meters. Designed for efficiency and versatility, it features a multi-section main boom and jib configuration suitable for varied construction environments. With strong gradeability and impressive travel speeds, this unit combines heavy-duty lifting power with excellent site mobility.

## Lifting Performance

### Key Lifting Metrics

**35000 kg**

Max Rated Lifting Capacity

**48.7 m**

Max Lifting Height

**1166 kN.m**

Max Load Moment

## Boom & Jib

### Boom Configuration

- Main Boom: 4 sections (10.5m - 33m)
- Jib: 2 sections (8.5m and 15m)

## Technical Specifications

### Engine Specifications

Metric	WD615.50	SC8DK280Q3
Max Power (kW/rpm)	206/2200	206/2200
Max Torque (N.m/rpm)	1100/1300	1112/1400

Outline Dimensions 12.613 x 2.5 x 3.28 m

Total Weight 32.3 t

## Operational Capabilities

Max Travelling Speed	72 km/h
Max Gradeability	30 %
Slewing Speed	2 r/min
Max Hoist Speed (Single Rope)	110 m/min
Min. Turning Diameter	24 m
Approach and Departure Angles	Approach: 16°, Departure: 15° / 13°