

# Elevator and Funicular Car

Elevator and funicular cars facilitate vertical transportation within buildings and inclined rail systems. They are engineered for the safe and efficient movement of passengers or cargo.

最大起重量	kg	100000
最大起升高度	m	65.9
总长	m	12.8-48
总宽	m	10.6, 18.1
最大起臂力矩	kN.m	3450
最大起升速度(标准)	m/min	105
起升速度	r/min	0
外形尺寸	m	15.23 x 3 x 3.86
执行标准	t	58
发动机型号	Commins	康明斯NTA85-C400
额定功率	kW / (r/min)	324 / 1820
最大扭矩	N.m / (r/min)	2100 / 1200
最小转弯半径	m	24
最大爬坡角	%	40
最高行驶速度	km/h	75
接近角	(°)	23
离去角	(°)	15
轴距	m	7.56 / 7.6



## Overview

### High-Performance Mobile Crane

This heavy-duty mobile crane is engineered for demanding lifting operations, offering a robust maximum lifting capacity of 100,000 kg. With a flexible main boom extending up to 48 meters and a powerful engine delivering 324 kW, it provides the reliability and performance required for complex construction and logistics tasks. Designed for mobility and stability, it features advanced outrigger support and excellent gradeability to navigate challenging job sites efficiently.

## Lifting Performance

### Key Lifting Metrics

**65.9 m**

Max Lifting Height

**3450 kN.m**

Max Load Moment

**105 m/min**

Max Hoist Speed

Max Rated Lifting Capacity

100000 kg

## Boom System

### Boom and Jib Range

Component	Range
Main Boom	12.8 - 48 m
Jib	10.6 - 18.1 m

## Engine and Power

### Engine Specifications

- Model: NTA855-C400
- Max Power: 324 kW @ 1800 r/min
- Max Torque: 2100 N.m @ 1200 r/min

## Mobility and Dimensions

### Angles and Outriggers

- Approach Angle: 23°
- Departure Angle: 15°
- Outriggers Span: 7.56/7.6 m

Physical Dimensions	15.23 x 3 x 3.86 meters
Total Weight	58 t
Travel Performance	Max Speed: 75 km/h, Gradeability: 40%, Min Turning Diameter: 24m