

Construction Hoist Elevator SC100/100

The SC100/100 building hoist is designed for vertical transportation of materials and personnel on construction sites. It features a robust steel structure and multiple safety mechanisms.



ADDITIONAL IMAGES



Overview

SC100/100 Construction Hoist Elevator

The SC100/100 is a robust construction hoist designed for the reliable vertical transportation of personnel and materials on active job sites. Engineered with a durable steel mast structure and high-grade aluminum cage components, it ensures stability and longevity in demanding environments. This model incorporates comprehensive safety systems, including anti-drop devices and multiple emergency cut-off mechanisms, ensuring operational security for site crews.

Mast and Structure

Mast Section Dimensions	650 x 650 x 1508 mm
Steel Grade	Q235
Mast Thickness	4.5 mm

Cage Specifications

Cage Dimensions

Model Capacity	Dimensions (L x W x H)
1.2T and 2.0T	3.0m x 1.5m x 2.5m
2.7T and 3.2T	3.8m x 1.5m x 2.5m

Materials	Checked Steel (Base/Roof), Aluminum (Sidewall/Doors)
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Safety Systems

Safety Mechanisms

- Anti-Drop Safety Device
- Up/Down Limit Switches
- 3-Phase Cut-off ELCB
- Emergency Cut-off
- Mechanical and Electrical Interlocks

Buffer Type

1.2 Spring

1.2T & 2.0T Models

2.7 Hydraulic

2.7T & 3.2T Models

Electrical and Mechanical

Motor Protection Rating

IP55

Control Components

Telemechanique, ABB, SIEMENS

Finish and Coatings

Surface Treatment

- Sand blasting
- Powder coating
- 2 layers Epoxy resin coat

Color Code

RAL 5002 (Blue)