

# 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) |
|-----------|--|

## 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)