

Dual Cage Construction Elevator

The SC200/200 is a construction elevator designed for vertical transportation of materials and personnel on construction sites. It features a dual-cage configuration, enhancing efficiency by allowing simultaneous upward and downward movement.



ADDITIONAL IMAGES



Product Overview

Dual Cage Construction Elevator

This dual cage construction elevator is engineered for the efficient vertical transportation of personnel and materials on high-rise construction sites. Featuring a robust modular design, it utilizes a heavy-duty mast system and high-efficiency electric motors to ensure reliable operation. With comprehensive safety mechanisms, including anti-drop devices and emergency cut-offs, this hoist provides a secure and productive solution for demanding project environments.

Cage Specifications

Cage Dimensions

Model Capacity	Length (m)	Width (m)	Height (m)
1.2T and 2.0T	3	1.5	2.5
2.7T and 3.2T	3.8	1.5	2.5

Cage Construction Materials

- Base plate: Checked steel
- Sidewall: Aluminum
- Upper half: Aluminum perforated
- Lower half: Aluminum solid

Mast and Structure

Mast Section Specifications

650 mm
Section Width

1508 mm
Section Height

4.5 mm
Steel Thickness

Structural Details

Steel Grade Q235, Painted Finish, 8.8 Grade Joining Bolts, Self-Locking Nuts

Safety Systems

Integrated Safety Devices

- Anti-Drop Safety Device
- Up/Down Stop Limits
- 3-Phase Cut-off ELCB
- Limit Switches on Side and Roof Doors
- Emergency Cut-off Button
- Audible Horn

Electrical and Drive

Drive and Control

- Drive Motor Protection: IP55
- Power Control: Telemecanique, ABB or SIEMENS contactors
- 4-Roller Drive Trolley

Finishing and Protection

Standard Color

Blue (RAL 5002)

Surface Treatment

Sand Blasting, Epoxy Resin Coat, Powder Coating