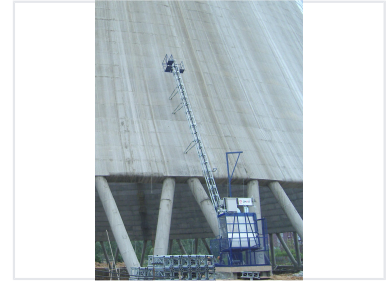


Curved Structure Building Hoist 800kg Capacity

This curved building hoist is designed for vertical transport of personnel and materials on curved or inclined structures. It has a robust steel frame, a lifting capacity of 800 kg, and a variable frequency drive for smooth operation.



Overview

Curved Structure Building Hoist

This specialized building hoist is engineered for vertical transportation on curved or inclined structures, such as cooling towers and chimneys. It features a robust, modular steel frame construction with a lifting capacity of 800 kg, ensuring reliability in demanding construction and maintenance environments. The system incorporates advanced safety mechanisms and a variable frequency drive to facilitate smooth, precise operation across various building heights.

Performance

Lifting Capacity

800 kg

Capacity

Cage Specifications

Cage Dimensions

Model Type	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

Construction Materials

Aluminum Sidewalls, Checked Steel Base, Checked Steel Roof, Galvanized Box Tube Railing

Mast and Structure

Mast Specifications

- Dimensions: 650 x 650 x 1508mm
- Thickness: 4.5mm
- Steel Grade: Q235
- Joining: Bolts with 8.8 Self-Locking Nuts

Safety Systems

Integrated Safety Devices

Anti-Drop Safety Device • Up/Down Limit Switches • Emergency Cut-off • ELCB Ground Protection • Mechanical/Electrical Interlocks

Electrical

Electrical System

- Drive Motor Protection: IP55
- Power Control: ABB/Siemens/Telemecanique Contactors
- 3-Phase Cut-off

Finishing

Surface Treatment

- Sand blasting
- 2 Layers Epoxy Resin Coat
- Color: RAL 5002 (Blue)