

PRODUCT DATA SHEET

Concrete Cube Mould Holde



Concrete Cube Mould Holder (Long) – Heavy-Duty Steel with Extended Long Handle

Safe Lifting, Carrying and Handling Tool for Concrete Cube Moulds

GENERAL INFORMATION

Parameter	Details
Equipment Name	Concrete Cube Mould Holder (Long) – Extended Long Handle
Full Form	Heavy-Duty Steel Cube Mould Lifting & Handling Holder
Application	Safe and convenient lifting, carrying and handling of concrete cube moulds during casting, transportation and testing operations
Suitable For	Large-size concrete cube moulds (150 mm cube type)
Construction	Durable heavy-duty welded steel with corrosion-resistant finish
Handle Type	Extended long handle for safe, convenient operation
Standards Compliance	Suitable for use with ISO and international concrete testing standards

EQUIPMENT DESCRIPTION

The Concrete Cube Mould Holder (Long) is a heavy-duty handling tool designed for the safe lifting, carrying and positioning of filled and empty concrete cube moulds in the laboratory and on site. The extended long handle keeps the operator's hands clear of the mould, reduces bending and strain, and allows moulds to be moved conveniently during casting, transportation and testing operations. Its durable welded steel construction and corrosion-resistant finish ensure long service life under demanding, wet and abrasive concrete-laboratory conditions.

MAIN COMPONENTS

1. Holder Frame / Cradle:
- Heavy-duty steel cradle shaped to grip the cube mould securely
 - Rigid welded joints for load stability
 - Smooth edges to avoid damage to mould surfaces

2. Extended Long Handle:

- Long steel handle for safe reach and reduced operator strain
- Firmly welded to the holder frame
- Comfortable grip section for confident handling

3. Finish & Protective Coating:

- Corrosion-resistant finish for wet laboratory and site use
- Easy to clean after contact with cement paste and water

TECHNICAL SPECIFICATIONS

Parameter	Specification
Holder Size	Long – for 150 mm cube moulds
Moulds per Lift	1 Mould
Handle Length	Extended long handle (approx. 800 mm)
Material	Heavy-duty mild steel
Plate / Section Thickness	4–6 mm (approx.)
Joining Method	Welded construction
Finish	Corrosion-resistant coating
Approximate Weight	3.0 – 4.5 kg
Safe Working Load	Suitable for filled 150 mm cube mould (approx. 15–18 kg)

CONSTRUCTION DETAILS

Component	Material
Holder Frame	Heavy-duty mild steel, welded for strength and durability
Handle	Mild steel long handle with welded connection to frame
Welds	Continuous, cleaned and ground welds for structural integrity
Surface Finish	Corrosion-resistant finish for long service life

SAFETY FEATURES

- Extended long handle keeps hands away from the mould and reduces strain
- Secure cradle design to hold the mould firmly during lifting
- Heavy-duty welded joints to prevent failure under load
- Smooth, deburred edges to protect the operator and moulds
- Corrosion-resistant finish to maintain strength over time
- Stable, balanced design for controlled handling

OPERATING FEATURES

- Simple, tool-free operation – no moving parts or adjustments
- Suitable for handling moulds during casting, transport and testing
- Convenient carrying and positioning of moulds on tables, vibrators and curing tanks, with extra reach for deeper tanks
- Easy to clean and low maintenance

ENVIRONMENTAL SPECIFICATIONS

Parameter	Range
Operating Temperature	5°C – 50°C
Relative Humidity	Suitable for wet and humid laboratory conditions
Installation / Use Location	Laboratory, casting yard and site testing areas

APPLICATION AREAS

- Concrete testing and quality control laboratories
- Construction material research facilities
- Highway and bridge project sites
- Precast and ready-mix concrete plants
- University and research institutions
- Site laboratories for cube casting and curing

MAINTENANCE SCHEDULE

Daily Maintenance: Clean the holder after use, remove concrete and cement residue, check for damage or bending

Monthly Maintenance: Inspect welds and handle for cracks, check finish for wear or rust, touch up coating if required

Yearly Maintenance: Complete structural inspection, re-coat or refurbish finish if required, replace if bent or damaged

WARRANTY

Warranty Period: 12 Months (1 Year) from date of installation or invoice

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