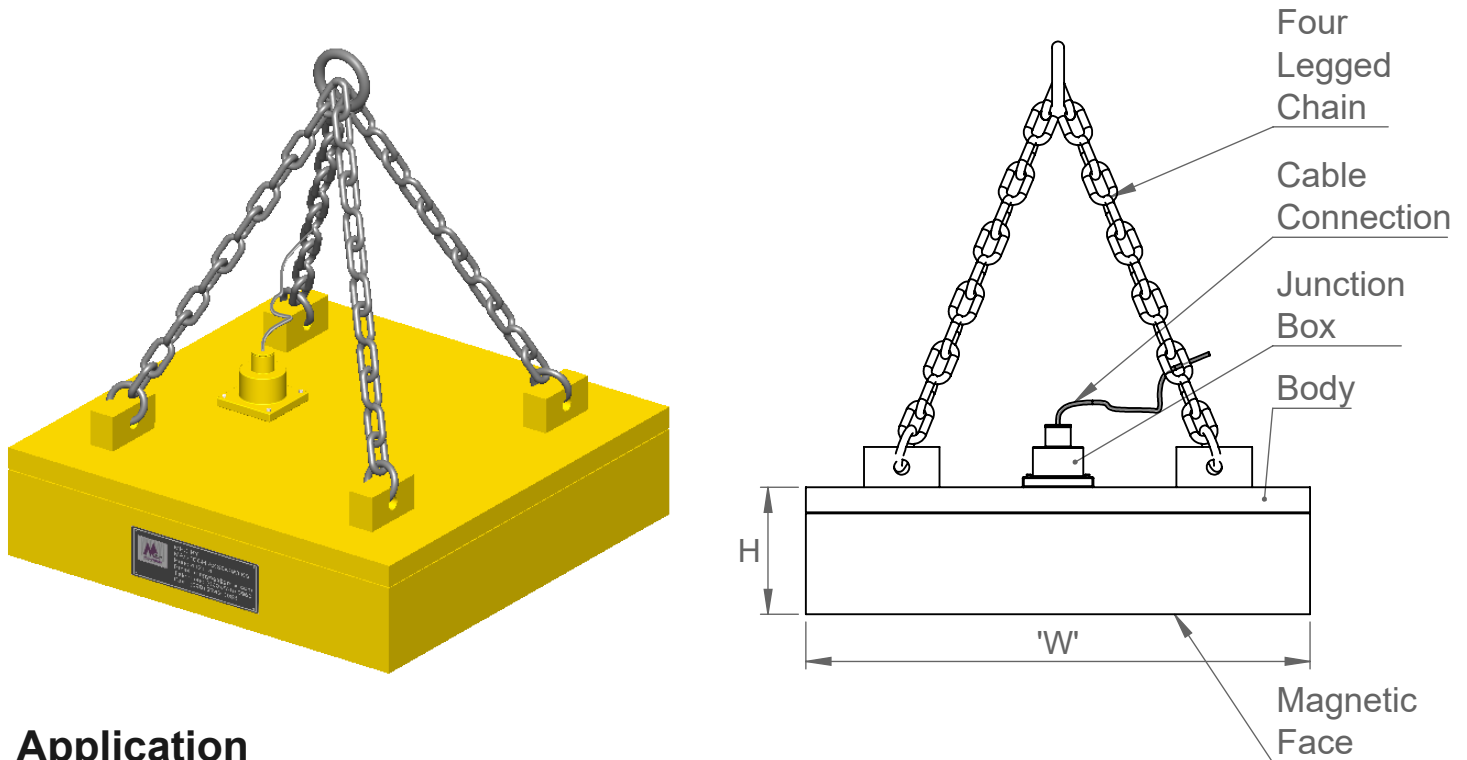


## Electromagnetic Lifter for Scrap Lifting (Square)



### Application

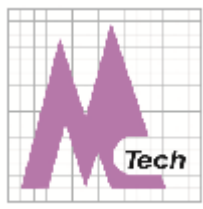
This special type of Electromagnetic Lifter is used for especially for SCRAP LIFTING. This device is required continuous D.C. power supply for energized (ON).

### Characteristics of Electromagnetic Lifter

- Construction:- Fabricated body using High Permeability Steel .
- Conductor:- Copper wire.
- Class of Insulation- Copper wire
- Class of Insulation:- H class
- Winding Base- FRP Former
- Input: Powers supply required:- 415V 3PH,50,HZ AC supply.
- Output: Operating voltage:- 220V D. C. supply.
- Operating Through:- Operating Pendant.

### Characteristics of Control Panel

- Input: Powers supply required:- 415V 3PH,50,HZ AC supply
- Output: Operating voltage:- 220V D. C. Supply
- Rectifier:- 3Phase bridge of silicon diodes
- Panel safety Precaution:- Using Fuses on AC & DC supply
- Indication:- Using 3 Indicator Bulbs Red Yellow Blue(RYB)



## Electromagnetic Lifter for Scrap Lifting (Square)

### Performance of Lifter

The effectiveness of lifting capacity is varying due to its contact with lifting object. Example: If lifter having 100% contact area with lifting object and it capable to lift 10 Tons solid load lifting capacity it can be perform 5 to 10% (500 to 1000kgs approximate) effective for scrap lifting because uneven contact area of scrap with magnetic lifter.

### Operation Sequence (Follow-up the steps)

- 1) Installed Control Panel on crane or nearby location.
- 2) Provide external A.C. Supply to the control panel.
- 3) Connect Control panel with Lifter & Operating Pendant.
- 4) Hang this assembly with crane hook.
- 5) Align the lifter on lifting object properly.
- 6) Push Magnet "ON" button on operating pendant for energizing of lifter.
- 7) Lift the scrap of recommended height.
- 8) Carry it to desired place with minimum height.
- 9) After reaching to desire place, push Magnet "OFF" button on operating pendant for de-energizing of lifter.

### Scope of supply

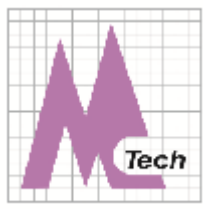
- A) Electromagnetic Lifter
- B) Control Panel (Rectifier unit)
- C) Operating Pendant.

### Accessories

- A) Cable Drum
- B) Flexible Cables
- C) Cable carriers,
- D) Wire Rope for Cable carriers.
- E) Clamps for wire Rope
- F) Electrical parts which is consist in Control panel.

### Available Sizes

Code No.	Size (LxWxH)	Lifting Capacity	Self Wt. (Approx.)
011-04-01	1000 x 1000 x 250 mm	10,000 Kgs	2000 Kgs



## Electromagnetic Lifter for Scrap Lifting (Square)

### Applications

Pipes Pieces Handling



Machined Parts Handling



Loose Parts Lifting

