

LIFTING MAGNETS

Introduction

Lifting magnets have turned out to be extremely prevalent in taking care of ferrous materials for exceptionally sensible reasons. In addition to the fact that they are more proficient than the conventional lifters viably help in decreasing different immediate and aberrant expenses. In any case, before we proceed onward to the reasons why attractive lifters are a larger number of beneficial than customary lifters, let us first comprehend the sorts of attractive lifters.

Essentially there are two sorts accessible:

- Perpetual Magnets
- Electromagnets
- **Attractive Lifters with Perpetual Magnets**
 - As the name recommends, these lifters have a lasting attractive character which implies, their attractive limit has been confined through the utilization of for all time charged materials. Their attractive fields are changeless and can't spread past the pre-set or "pre-accomplished" span. A lasting attractive lifter can be turned on and off by basically pivoting a lever which as a rule accompanies a security lock that ensures the magnet is not accidentally exchanged on or off.

● **Attractive Lifters with Electromagnets**

- Electromagnetic lifters have their own arrangement of preferences and disservices. In any case, there are approaches to dispense with the drawbacks totally consequently settling on it the better decision over the perpetual attractive lifters. An electromagnetic lifter essentially has two parts: a curl of electrically stimulated material (normally copper) and a steel centre.
- The loop is wrapped around the centre and when power goes through the blend delivers an attractive field by realigning the particles inside of the ferrous material that should be lifted.

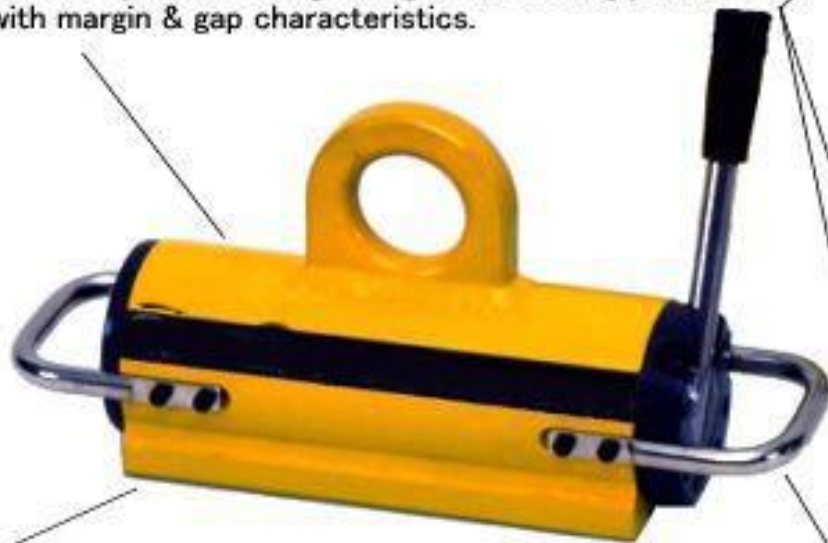
Working

- Lifting magnets are immaculate perfect things of lifting rigging that make lifting.
- The wellbeing catch secures the handle in the "on" position to guarantee that the heap stays secure once activated.
- The Lifting Eye is an extra wellbeing catch, once strain is connected the system bolts the handle to keep it from flicking in reverse and dropping the heap.
- A hand brake discharge catch is utilized to discharge the heap, it must be utilized when the magnet is not in operation because of the lifting eye and security get.
- This can without much of a stretch be worked with one hand.

- To switch the magnet off the heap must be come back to the floor, the wellbeing find and lifting eye anticipate inadvertent emptying of the magnet.
- The handbrake must be uprooted by tapping the top catch on the handle (much like an auto handbrake however you need to hold the conservative) the client then needs to push the handle back to discharge the heap and let go of the catch.

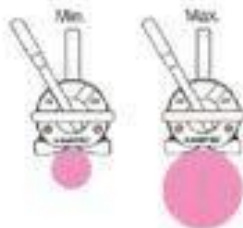
■ Novel main body shape to wear roundness.

The employment of around yoke has achieved both compactness & lightweight and holding power with margin & gap characteristics.



■ A V-face best suited for lifting pipes and round steel responds to a wide range of diameters of workpieces.

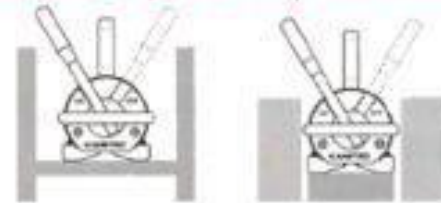
The lifting capacity has been increased more than 50% from the conventional products.



■ A smaller ON-OFF operating angle for easy operation.(Patent pending)



Full performance is exhibited in lifting such shape steel as H-shape and workpieces in small space.



■ The employment of unique magnetic circuit enables handle lock by simple operation.

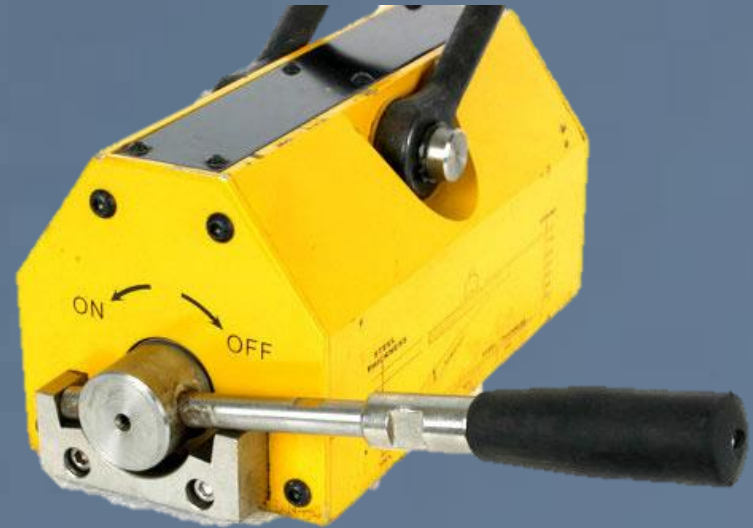
■ The handle can be easily moved even with the thin steel plate.

■ The main body is protected from the impact by guarding the front, the back, and the knob using combinedly.

Moreover, LIFMA is moved, and positioning is also easy.

Applications

- For treatment of
 - Steel plates,
 - Pieces,
 - Rounds,
 - Press forms
 - Stacking/Emptying on machines



- Normally utilized close fire cutting
- Extremely helpful amid manufacture
- Can deal with completed segments without abandoning any scratch marks, dissimilar to tying and throwing
- Can be utilized with spreader bar hanging different magnets for long plates/funnels/bars
- Can be utilized with portable cranes

Advantages

- Smaller and lightweight
- Suitable for level and round material
- High lift to its weight proportion



- Fast and simple operation with ON/OFF framework
- Neodymium attractive fuelled framework
- Enhances plant wellbeing No immediate contact with men
- Extensive and overwhelming work piece can be moved/took care of securely effectively by stand out administrator

Contact

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