

Datasheet

Long Reach Heavy Duty Hand-Held Magnetic Pick-Up Tool



ECLIPSE MAGNETICS



WORKSHOP

At A Glance

- ✓ Long reach handle
- ✓ Easily picks up ferrous components
- ✓ Quick-release mechanism
- ✓ Up to 6kg (13.2lb) hold ability
- ✓ Allows for handling multiple small parts



Pick-Up Range



The Long Reach Heavy Duty Hand-Held Magnetic Pick-Up Tool makes picking up ferrous parts from low down so simple without the need to be bending over or crouching down too much.

The Long Reach Heavy Duty Hand-Held Magnetic Pick-Up Tool is the long handle version of the Heavy Duty Hand-Held Magnetic Pick-Up Tool. Being 700mm high, it allows collection of ferrous parts from lower level locations to be a far simpler task.

The Long Reach Heavy Duty Hand-Held Magnetic Pick-Up Tool is a ferrite magnetic assembly. It contains a quick-release inner handle that moves the magnetic assembly within the product. Once you have collected your ferrous parts, simply take them to where you wish to release them (a bin or tray for example) and pull the quick-release mechanism up and away from the magnetic face - the internal magnetic circuit changes causing the magnetic hold force to reduce allowing the collected parts to fall off.

By having a longer handle, picking up small or sharp/dangerous ferrous components becomes safer and simpler. The collection and release method allows for a time saving means for moving such small parts around between stock bins, boxes, trays, etc. It can also be used to transfer small parts, plates, discs, magnetic screws and nails, etc from one work area to the next. This unit is rated with a 6kg (13.2lb) pull force. The level of hold varies with application and will be reduced if the material is less magnetic, if there are air gaps, smaller part being picked, etc. There is no 3:1 factor of safety for the lift in this product.

Note that a Magnetic Lifter would be the H&S best choice for a safe lift of plate because Magnetic Lifters factor in a 3:1 Factor of Safety when lifting.

Benefits

- Long reach handle
- Safe and practical pick-up and placement from ground level locations
- Quick-release mechanism
- User friendly method to collect and release - up to 6kg (13.2lb) pull force
- Pick-up ferrous parts such as nails, screws, plates, discs

Materials

Magnetic Material	Proprietary Ferrite Magnet grade material
Other Parts	Various, including Mild Steel, Plastic

Performance

Magnetic Performance	Up to 6kg (13.2lb) pull force - see next page
Magnet Type	Ferrite Magnet Assembly
Temperature Range	-40°C to +80°C (-40°F to +176°F)

Maintenance

- There is no specific requirement to regularly inspect this item
- Cleaning of surfaces can be achieved using a cloth (bearing in mind the magnetic face may have sharp debris on it - check before cleaning)

Suitability

Suitable Products	Ferrous materials (e.g. mild steel)
Suitable Location	Example - workshop, shop floor, fabrication, etc

Alternatives

- Hand-Held Pick-Up Tool
- Heavy Duty Hand-Held Magnetic Pick-Up Tool (shorter handled version)
- Magnetic Pick-Up Tool
- Magnetic Hand Lifter
- Magnetic Pick-Up Wand

Datasheet

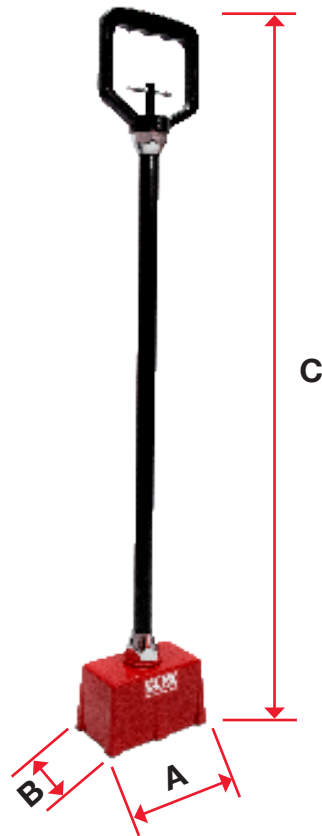
Long Reach Heavy Duty Hand-Held Magnetic Pick-Up Tool



ECLIPSE
MAGNETICS



WORKSHOP



Product Number	Dimensions (mm)			Weight (kg)	Pull Force* (kg)	Units per Pack
	Length A	Width B	Height C			
MPT700	120	70	700	2.03	6	1

* The Pull Force stated is the maximum each product can pull onto a large high quality mild steel slab (to give relative performance values). In most applications, the magnetic parts will be of varying shapes and sizes with varying magnetic permeability so it should be expected that your application is likely to hold less than the stated values.

For further assistance, please contact sales@eclipsemagnetics.com

Although we have made every attempt to provide accurate information, we do reserve the right to change any of the information in this document without notice.

We cannot accept any responsibility or liability for any errors or problems caused by using any of the information provided.

Conversions Guide:-

1kg ≈ 2.204lb ≈ 9.806N

1lb ≈ 0.453kg ≈ 4.448N

1N ≈ 0.101kg ≈ 0.224lb

10mm ≈ 0.393in (≈ 25/64in)

1in ≈ 25.4mm

(the above conversion values are rounded down)



FM 31278 EMS 616377

Eclipse Magnetics Work Smart with Magnets

Atlas Way, Atlas North, Sheffield, S4 7QQ, England ☎ +44 (0)114 225 0600 📠 +44 (0)114 225 0610 ✉ info@eclipsemagnetics.com 🌐 www.eclipsemagnetics.com



A Spear & Jackson Company