



### At A Glance

-  Securely mounts onto forklifts
-  Clear larger areas quickly and safely
-  Up to 90kg (198lb) hold ability
-  Quick-release mechanism
-  Use in car parks, lorry depots, factories



### Pick-Up Range



The Forklift Mounted Magnetic Sweeper lets you pick up ferrous items very easily, quickly and safely over a large area. It is ideal for use in car parks, factories, large production areas, lorry depots, etc.

The Forklift Mounted Magnetic Sweeper can pick up and hold up to 90kg (198lb) of ferrous contamination on its stainless steel surface. It incorporates a quick-release mechanism to safely deposit the collected contamination for easy cleaning.



The Forklift Mounted Magnetic Sweeper is designed for clearing ferrous contamination that may exist over large areas in a quick, safe and easy manner. The unit simply securely attaches to the tines of the forklift truck using the eyebolts to clamp down in place. The eyebolts can also be used to connect to a forklift unit using chains.

The forklift can be moved over the surface to be magnetically cleaned at a height no more than 60mm (just over 2 1/4 inches) over the surface - ferrous objects will be magnetically attracted up to the magnetic face on the underside of the Forklift Mounted Magnetic Sweeper. If the parts are very small or not very magnetic, a reduced distance to the floor surface and a slower speed of travel should be considered (to give better chance of ferrous capture), bearing in mind that if the sweeper were to travel over a very ferrous part such as a drainage grid, that item may be accidentally attracted (so consideration should be given to possibly moving around large wanted ferrous parts on the floor). There is a quick-release mechanism so the forklift can be brought to a secured deposit area (e.g. bin) and the handle be pulled which moves the magnetic face away from the collected debris, allowing it to fall into the secured deposit area in a safe and controlled manner. This unit is rated with an up to 90kg (198lb) pull force (depending on the size, shape and type of ferrous contamination collected). A popular use is at distribution depots where the collection of screws, nails and other sharp ferrous objects from the floor helps in preventing the risk of tyre punctures in lorries and vans which can result in costly repair expenses and downtime.

### Benefits

- Pick-up ferrous parts such as nails, screws, plates, discs
- Easy to collect and release covering large areas quickly
- Quick-release mechanism
- Mount to forklift directly on the tine or to tine via a chain
- 90kg (198lb) pull force rating

### Materials

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

### Performance

Magnetic Performance	Up to 90kg (198lb) pull force - see next page
Magnet Type	Ferrite Magnet Assembly
Temperature Range	-40°C to +80°C (-40°F to +176°F)

### Maintenance

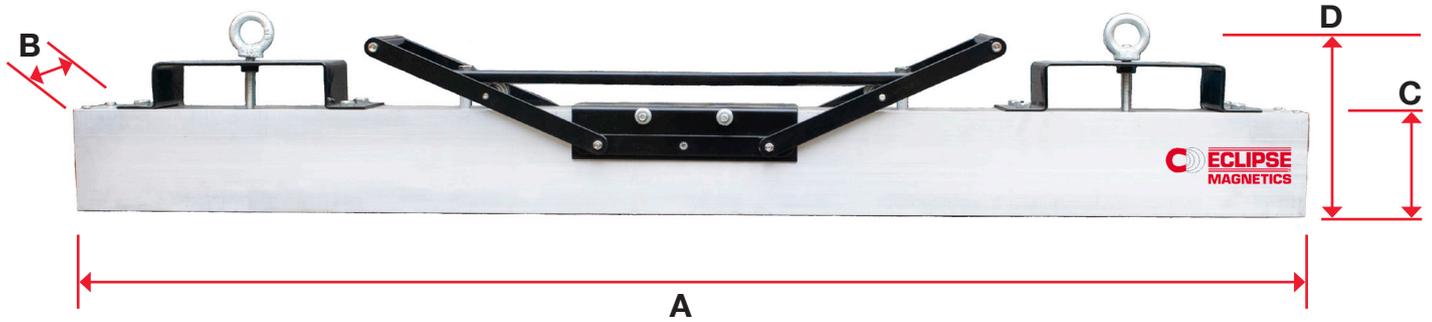
- There is no specific requirement to regularly inspect this item
- Cleaning of surfaces can be achieved using a cloth (bearing in mind the magnetic face may have sharp debris on it - check before cleaning)

### Suitability

Suitable Products	Ferrous materials (e.g. mild steel)
Suitable Location	Example - Car parks, lorry parks, distribution centres, large factories, outdoor events, warehouses, etc

### Alternatives

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



Product Number	Dimensions (mm)				Weight (kg)	Pull Force* (kg)	Depth of Field (mm)	Units per Pack
	Length A	Width B	Height C	Height D (excluding eyebolt)				
MSW1200/FLT	1200	76	100	148	14	90	60	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](mailto:sales@eclipsemagnetics.com)

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**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)



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