

YOUR LES®

QUICK GUIDE

TO

LIFTING MAGNETS



You've likely heard of magnets being used for small applications such as pinning items to a wall or memorabilia to a fridge. But did you know that magnets can be used to lift heavy-duty industrial items?

Here, in your LES® Quick Guide to Lifting Magnets, we tell all you need to know about the types available, how they are used, how to operate them safely, and what benefits you will receive from investing in a lifting magnet.

WHAT IS A LIFTING MAGNET?

Lifting Magnets are high-powered magnetic devices that are used to lift objects of different sizes and weights, mainly designed to lift materials such as steel or other metals, but please be aware that stainless steel is not magnetic due to how it is structured.

“Stainless steel is not magnetic due to how it is structured.”

HOW DO LIFTING MAGNETS WORK?

Simply place the magnet over your metal object and activate the magnet. Once activated, the magnet will hold the load, the direct current generating an EM field and maintaining an attractive force, until it reaches its desired location. This force is extremely strong, but if interrupted, will drop the load. A battery can be used to avoid such an event happening. Currents can be adjusted to make them stronger/weaker dependant on your industry's particular needs.

BENEFITS OF USING LIFTING MAGNETS

The introduction of a magnet lifter can improve your business's productivity through increasing efficiency, reducing the time spent on heavy and awkward lifting tasks. A reduction in manual labour will significantly ease the strain and stress on you employees, improving safety during heavy lifts.

Magnetic lifting devices are fantastic alternatives for scenarios where a traditional hoist, chain, or hook aren't ideal. Here are just a few of the benefits you'll see when purchasing a Magnet Lifter:

- Efficiency & Speed
- Improved Safety
- Precision & Control
- Reduced Damage to Materials
- Versatility
- Cost-Effectiveness
- Easy Operation
- Reduced Maintenance Due to Less Moving Parts
- Adaptable to Different Load Sizes & Shapes

“ Never allow any unauthorised personnel to operate a lifting magnet ”

HOW TO USE LIFTING MAGNETS SAFELY

It's important to remember that accidents can happen at any time, and any dropping of heavy loads can lead to serious personal injury and increase costs due to property damage.

Here are a number of points you can follow when operating this piece of equipment to avoid the above points.

- Never allow any unauthorised personnel to operate a lifting magnet. You should be fully trained
- Always inspect your lifting magnet prior to use
- Stay clear of the workload at all times to avoid injury
- Minimise vibration/impact during transportation
- Prohibit any personnel close to, standing near, or pass under the magnet
- Always pay close attention until the load has been safely landed
- Never operate a lifting magnet at a temperature greater than 148°F

It's always our recommendation to you as our valued customer to ensure that you are following the correct safety guides. By following the above you're adding an extra layer of safety that will ensure you keep safe at all times and will help your lifting processes run efficiently.

LIFTING MAGNETS AT LES®

At Lifting Equipment Store, we have a wide range of top-quality Lifting Magnets from the best brands in the world – LES, Yale, Tractel, George Taylor, and Eclipse Magnetics.

Offering safe working load capacities of up to 2,000kg (2 Tonnes), our range of Magnetic Lifters are suited for a wide range of applications, industries, and operating environments.

Super easy-to-use, we offer models that are suitable to lift both flat and round loads efficiently, and all with no additional running costs, as no other power source is required – you simply hook up and lift.

OUR MOST POPULAR LIFTING MAGNETS



LES PERMANENT MAGNET LIFTER

As Low As £83.70

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YALE TPM PERMANENT LIFTING MAGNET

As Low As £187.21

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ULTRALIFT LIFTING MAGNET

As Low As £296.71

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THINK YOUR BUSINESS NEEDS ONE?

Hopefully, you've had your questions answered and now have a better idea of if your business needs a magnetic lifter. However, we're sure you may have some further questions that you might need answering, particularly how it may be beneficial to your specific application and industry.

If that is the case, or there's something else you wish to discuss, we welcome you to contact one of our experience and fully trained sales team, who will be more than happy to assist you in finding the ideal solution for you and your business.

Contact us on **01384 567430**, email info@liftingequipmentstore.com or visit our online store at www.liftingequipmentstore.com

PLEASE NOTE: Prices are subject to change since the time of guide creation