

LIFT WITH EASE

Efficient and ergonomic
material handling





Item No.: Magnetok

Magnet Gripper



Weight (kg)	11, 14, 9
Maximum capacity (kg)	135, 45, 90
Type of lifting object	Metal
Industry	Metal industry
Height (mm)	630
Optional control	PSH



Advantages of a magnetic lift

Installing a magnetic lifter is often straightforward and quick. They require very little maintenance and operate at high speeds, which means they are both reliable and help maintain a high production rate. Magnetic lifters also feature simple controls, allowing staff to learn how to operate them quickly and efficiently. All gripper tested before delivery and come with a CE mark certifying that our products with EU regulations regarding how machinery must be designed and manufactured to ensure safe use.

Applications for magnetic grippers

Magnetic lifters are used in many different industries where heavy materials need to be moved. In a warehouse, a magnetic lifter can be used to effortlessly handle metal objects weighing up to 135 kg. It is an effective option when you need to lift magnetic objects with a round or flat surface. Should an unexpected air leak occur, the lifting device does not lose its magnetic force but holds the load in a secure grip, making the magnetic lifter a safe choice for valuable materials.

Technical information about magnetic grippers

Our magnetic grippers are available in several models with varying lifting capacities. We offer standard models that can handle up to 135 kg. For use in higher temperatures, we have special models that can withstand temperatures up to 80°C. Each magnetic grippers has a unique part number and specific information about its capacity. Information on weight and technical specifications is available for all models in our product range.

Magnetic grippers for various materials

Lifts All's magnetic grippers are versatile and can lift a wide variety of materials. They can handle both steel and cast iron with strong magnetic pulling power. This makes the magnetic lift suitable for lifting metal plates or sheets, iron blocks, or cylindrical metal with a round surface. They can also lift both solid and perforated metal, as well as handle loads from various angles in warehouses or production facilities.

Custom-made magnetic grippers

If you can't find the magnetic grippers you need in our standard product range, we can also design a gripper tailored to your specific requirements. By analyzing your specific needs, we can create a magnetic lifting tool that's perfectly suited to your particular application. Contact us more information on how we can help you find the right magnetic gripper for your needs.

We have the lifting system for you

Depending on the size and weight of the load, the magnetic gripper comes in three different models: LAMG 45, LAMG 90 and LAMG 135. In our repertoire is also metal sheet grippers, mechanical and vacuum grippers for the metal industry and a variety of other liftings aids for heavy lifting. If neither of these lifting tools suit your needs, we can also customize a gripper for you.

Frequently Asked Questions About Magnetic Lifts

What are the advantages of magnetic lifts compared to other lifting methods?

Magnetic lifters offer several unique advantages over other lifting methods. Unlike mechanical gripper, magnetic lifters gripper not gripper a continuous power supply to hold the load. Magnetic lifters are also more effective when handling magnetic materials such as steel and cast iron, as they provide a strong grip damaging surfaces. They are also easier to maintain, more environmentally friendly since they are powered by compressed air instead of electricity, and are usually more cost-effective in the long run compared to other lifting solutions.




How much weight can a magnet gripper handle?

Our standard-model magnetic lifters can handle loads of up to 135 kg, which is sufficient for many industrial applications. However, the weight capacity is affected by the material's surface, thickness, and composition, with flat surfaces generally providing the best grip. For optimal safety, we always recommend choosing a magnetic lifter with a capacity that exceeds the actual weight of the objects to be lifted.

Can magnetic grippers be used on all types of materials?

No, magnetic grippers only work on magnetic materials such as steel, iron, and cast iron. They are not suitable for non-magnetic materials such as aluminum, copper, or stainless steel (certain grades). Magnetic grippers perform best on materials with flat surfaces that are thick enough for the magnetic field to penetrate the material, and on round surfaces with a sufficiently large radius. When used on perforated materials or laminates, lifting capacity may be reduced. For materials with uneven surfaces or special requirements, we can customize magnetic grippers that optimize the lifting force for your specific needs.

Versions

	Article number	Weight (kg)	Maximum capacity (kg)	Type of lifting object	Industry	Height (mm)	Optional control
	92-10029	9	45	Metal		630	Psh
	92-10030	11	90	Metal		630	Psh
	92-10031	14	135	Metal		630	Psh



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