

Lifting Magnet (LIFMA)

Safe carrying device for steel and other ferromagnetic materials



Uses of Lifting Magnet

Lifting Magnet (LIFMA) is widely used in the manufacturing industry to move plate steel, block or round steel, and iron material in steel mill application, scrape application and other specialty applications. Super-powerful lifting magnet requires no electricity.

Chunma CMLP series LIFMA are ideally suited for in-plant handling, loading and unloading of machine tools in machine workshops, plastic mould, machined components, etc.

Key Characteristics

- Powerful magnet tested to hold maximum of THREE TIMES the rated load for maximum safety
- Eliminates dangerous straps and slings
- Fast, safe, efficient loading and unloading

Operation

Simply move the lever to the "ON" position to engage the magnet.

Spring-loaded lock keeps the magnet engaged until you release it.

On all our lifting magnets there is a built-in safety factor of approximately 3 times the maximum rated load. This means that the safety factor is 3 times the maximum rated load for each magnet. All Lifting Magnets need a safety rating; do not be misled by magnets without such. **WARNING:** Never lift more than the maximum rated load.

Specifications

Model	Maximum Rated Load (kg)	Dimensions (W x L x H) (mm)	Eye Bolt	Weight (kg)
CMLP-50	500	300 x 145 x 345	M30 (55)	38
CMLP-100	1000	300 x 220 x 345	M30 (55)	64
CMLP-150	1500	300 x 290 x 345	M30 (55)	90
CMLP-200	2000	300 x 370 x 370	M36 (60)	151
CMLP-300	3000	300 x 500 x 370	M36 (60)	200

* Specifications are subject to changes without notice. Other models available upon inquiry.

Chunma Lifting Magnet Series

Chunma lifting magnets are compact, powerful, and dependable tool for various applications from small-scale shops to large-scale operations.



Standard Lifting Magnet (Permanent Magnet)

Chunma Lifting Magnets (LIFMA) are powerful, permanent magnets that are very economically priced with no external power supply is required. These compact, durable magnets do not lose strength over time. The magnet is turned on/off by easy rotation of a handle, which latches in the lift position. There is a size available for almost every round or flat steel lift applications. These magnets are especially suited to machine and weld shop environments where a variety of steel shapes are routinely handled.



Circular Lifting Magnet

Chunma Circular Lifting Magnets are extremely convenient and economical and find wide application in handling different kinds of scrap such as pig-iron, steel-turnings, ingots, slabs, cut pieces of plates, channels beams etc. Circular Lifting Magnets can be installed on any lifting device (overhead crane, truck crane, gantry crane, steam shovel, etc.). They are designed for individual usage and are suspended by a chain with three common suspension ring strands.



Large-Scale, Rectangular Lifting Electromagnet

Chunma Large-Scale, Rectangular Lifting Electromagnet is effective in single or multiple magnet applications for handling heavy fabrications or for lifting several thicknesses of sheet or plate at one time. These rectangular magnets are designed to give maximum efficiency in multiple plate handling applications, such as loading and unloading ships, barges rail cars and trucks, and for transfer operations in storage yards, ship yards, steel mills and warehouses. Large plates are handled either by circular or rectangular lifting magnets, in this case a number of magnets are required which are suspended from a spreader beam.



Chunma's manufacturing facility in Yongin, Korea

Chunma Corporation is capable of designing, manufacturing, and servicing high-quality magnetic separator equipment for various applications including mining and silica refining operations and purification processes.

Please contact us for inquiry regarding available models and custom production for your application.



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