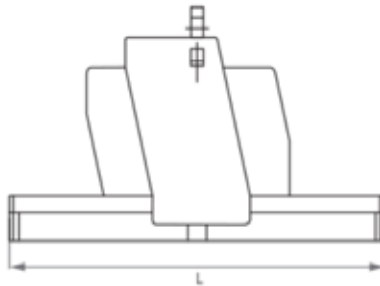
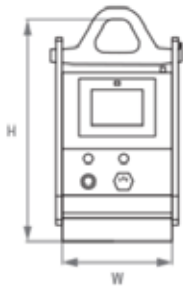




Magnetic Products, Inc.
Highland, Michigan | mpimagnet.com

Battery Lifting Magnet



The BM is a newly designed lifting magnet which is battery powered alternative to using permanent magnets. This new technology is becoming a popular solution for customer to safely lift ferrous metal workpieces. Power is provided by a 12V built-in battery allowing up to eight hours of operating time at 50% duty cycle and also included is a remote control allowing safe operation up to 33' away. There is a safety switch under the lifting eye to prevent switching off during lifting. It is not possible to activate the magnet once the battery voltage drops below the safety level. Additionally, low battery is indicated by visual and audible alarms.

- 1 Safety Display Indicator:**
 - Compact LED display with battery status indicator provides audio and visual warning of low battery level
 - Magnet will not activate once the battery voltage drops below the safety level lifting
 - 2:1 Safety Factor
 - 2 Universal Steel Lifting Eye:**
 - Large steel lifting eye with safety bail sensor makes it impossible to disengage magnet during lifting
 - 3 Adjustable/Controllable Force Function:**
 - Variable Force adjusts holding force when handling a particular quantity of sheet-metals from a stack
 - Tip-Off for gradual slackening portion of the load, e.g. thin sheet metal products such as sheeting
 - 4 Simple Operation:**
 - Powered by built-in 12V battery
 - Battery charger, battery and remote included
 - 5 Additional Remote Control Manipulation:**
 - IR remote controller operates from up to 33' to handle loads with poor accessibility to stay clear of dangerous situations
- European Quality:**
- Manufactured in Europe to the highest quality standards
 - One year warranty
 - Meets all the requirements of ANSI/ASME B30.20 (safety standard)
- Testing:**
- Air Gap Test - tear-off test is conducted with an air gap that simulates real operating conditions - true capacity

Application: Lifting

Technology: Battery-powered

Battery: 12 V

Battery life: 8 hours at 50% cycle

Nominal lifting capacity for flat material: up to 5,000 kg/11,023 lbs

Temperature max: 50°C/122°F

Safety factor: 2:1

Part Number	Workload Limit Flat Materials (LBS)	Tested Lifting Capacity (LBS)	W x L of base (IN)	Height up to crane hook (IN)	WEIGHT (LBS)	Built in battery	Type of Battery
BM2976	2,976	5,952	9.5 x 10.7	18.1	132	12V/35Ah	FG12-35D
BM5511	5,511	11,022	9.5 x 15.7	18.1	159	12V/75Ah	FG12-75D
BM7936	7,936	15,872	9.4 x 41.3	18.1	397	12V/75Ah	FG12-75D
BM11023	11,023	22,046	10.3 x 47.2	18.1	448	12V/75Ah	FG12-75D

Specifications subject to change • F.O.B. Highland, MI • Ships by truck