

## Lifting Magnet - Walker Battery Powered



### Product information

- Powered by built-in 12v battery for at least 8 hours of operation
- Hand-held, IR remote control unit allows to operate the lifting magnet from up to 4.5 metres
- High degree of safety
- Bail sensor prevents magnet de-energisation while lifting a load
- Dual push buttons for RELEASE
- Visual and audible alarms indicate low battery level
- Magnet cannot be turned "ON" if battery charge is too low
- Exhaustive lifting guidelines ensure a double lift capacity with respect to weight of load
- High degree of comfort

- Controller/battery enclosure with detachable front and back panel
- Easy access to controller and battery for installation and inspection
- Additional Lift and Release push buttons on front panel
- LED display shows battery charge level when magnet is "ON"
- Built-in, temperature compensated, automatic cut-off charger
- Pocket to store remote and mains power cord
- Clip on remote allows operator to attach to belt or pocket

#### Recommended applications

These Battery Powered Lifting Magnets are extremely useful throughout the plant, around the yard, in receiving and shipping areas, cut-off saws, burning tables and machine tools. They have widespread applications for handling of machine components, die-blocks, smooth castings and forgings, plates, bars, pipes and structurals.

BM series for Flat Material Handling  
BM1350, BM2500, BM5000

These models are designed to lift heavy, thick plates and blocks. The maximum lift capacity is obtained on material thicknesses of 50mm and above and on relatively flat, machined surfaces. Model BM5000 has two independantly suspended '2500' magnets to lift large objects.

Model BM3600

This model is specially designed for plate lifting from 3mm thickness and up. Provided a smooth and flat surface, this magnet will lift a plate of 2400 x 1800mm of 3mm thick and even 6 x 3 metres when 25mm thick! The "tip-off" feature allows to drop excess plates in case multiple plates are picked up from a stack.

BMP series for Flat, Rounds and Structurals

BMP1800, BMP3600

These so-called bi-polar lifting magnets with V-shaped pole shoes are designed to lift both flat and round material as well as I- and H-shaped beams, angles, channels, Tees and Zees. The maximum lift capacity is obtained on material thicknesses of 50mm and above. Thanks to the good depth of field, these models cope very well with irregular surfaces.

**Features:** Self contained lifting material

Safety factor: 4:1

Part Code	WLL ton	Model	Height mm	WLL flat materials ton	L x W of base mm	Type of battery	Tested break-away load ton	Recommended battery	Discharge time at 50% duty (hr)	WLL round materials t	Weight kg
503100140000190	1.35	BM1350	460	1.35	272 x 242	43539-2	2,7	Dec-35	8	-	60
503100180000190	1.8	BMP1800	610	1.8	470 x 242	43539-3	3,6	Dec-70	8	1.1	167
503100250000190	2.5	BM2500	460	2.5	400 x 242	43539-3	5	Dec-50	8	-	72
503100360000190	3.6	BM3600	460	3.6	1050 x 240	43539-3	7,2	Dec-70	8	-	180
503100360000190	3.6	BMP3600	620	3.6	760 x 262	43539-3	7,2	Dec-70	8	2.2	420
503100500000190	5	BM5000	460	5	1200 x 300	43539-2	10	Dec-70	8	-	203

## Technical data

Magnet details

BM1350	BM2500	BM3600	BM5000	BMP1800	BMP3600
3-pole	3-pole	3-pole	3-pole	2-pole	2-pole
flat	flat	flat	flat	V-shaped	V-shaped
1 magnet	1 magnet	1 magnet	2 magnets	1 magnet	1 magnet