

## Battery Lifting Magnets



- Powered by a built-in 12-volt battery for at least 8 hours operation.
- Hand held IR remote control available.
- Bail sensor prevents magnet de-energisation while lifting a load.
- Dual buttons for RELEASE.
- Visual and audible alarms indicate low battery level.
- Magnet cannot be turned on if battery charge is too low.
- Built-in, temperature compensated, automatic cut-off charger.

### 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 a material thickness of 50 mm and above and on a relatively flat, machined surface. Model BM5000 has two independently suspended '2500' magnets to lift large objects.

BM3600

This model is specially designed for plate lifting from 3 mm thickness and up. Provided a smooth and flat surface, this magnet will lift a plate of 2400 x 1800 mm of 3 mm thick and even 6 x 3 metres when 25 mm 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 Structural Sections

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' beams, angles, channels, tees and zees. The maximum lift capacity is obtained on a material thickness of 50 mm and above. Thanks to the good depth of field, these models cope very well with irregular surfaces.

### Technical Specifications

Model		BM1350	BM2500	BM3600	BM5000	BMP1800	BMP3600
Magnet details:		3 pole flat 1 magnet	3 pole flat 1 magnet	3 pole flat 1 magnet	3 pole flat 2 magnets	2 pole V shaped 1 magnet	2 pole V shaped 1 magnet
WLL - flat material	kg	1350	2500	3600	5000	1800	3600
WLL - round material	kg	-	-	-	-	1100	2200
Tested breakaway	kg	2700	5000	7200	10000	3600	7200
Base length x width	mm	272 x 242	400 x 242	1050 x 240	1200 x 300	470 x 242	760 x 262
Height to hook eye	mm	460	460	460	460	610	620
Weight	kg	60	72	180	203	167	420
Recommended battery	V/Ah	12/35	12/50	12/70	12/70	12/70	12/70
Type of battery	DIN	43539-2	43539-3	43539-3	43539-3	43539-3	43539-3
Discharge time at 50% duty	h	8	8	8	8	8	8

\* Performance rating on ground, 50 mm thick S235 JR/AISI 1020 plate.