

BATTERY POWERED LIFTING MAGNETS

SAV 531.42 - BM / BMP

Intended use:

Lifting and moving of loads up to 5000 kg independent from a power supply line. Self contained electromagnets for individual use.

Features:

- Electromagnets carrying a 12 V battery and a charger/controller unit
- Independent lift magnet capable of 8 working hours at a 50% duty cycle
- Powerful lifting on thick loads with a 2-fold break-away force
- Model BM 3600 is especially suited for lifting large steel sheets
- Model BMP 1800 comes with V-shaped pole shoes for cylindrical loads
- Standard infra red remote control allows up to 4.5 m distance
- To switch Off, 2 push buttons must be depressed
- Impossible to switch off a suspended magnet
- Battery condition is displayed by leds together with a loud beeping sound when the battery is low
- The magnet cannot be switched on when the battery is low
- Loud beeping sound when the magnet current is too low
- Comprehensive operating instructions and an individual test certificate

Applications:

- Loading or clearing of flame- or laser cutting machines
- Loading/unloading of large machine tools
- In steel construction and in shipyards to handle steel sheet and profiles
- Transporting heavy loads such as dies, castings and forgings



BMP 1800



BM series

Model		BM 1350	BM 2500	BM 3600	BM 5000	BMP 1800
Execution		Flat 1 Magnet	Flat 1 Magnet	Flat 1 Magnet	Flat 2 Magnets	Prismatic 1 Magnet
Nominal lifting capacity*						
- Flat material	kg	1350	2500	3600	5000	1800
- Round material	kg	-	-	-	-	1100
Length x Width	mm	272 x 242	400 x 242	1050 x 240	1200 x 300	470 x 242
Height to the crane hook	mm	460	460	460	460	610
Battery 12V	Ah	45	73	73	73	73
Action time 50% ED	h	8	8	8	8	8
Charging time	h	12	12	14	14	14
Weight	kg	60	72	180	203	167

* Nominal lifting capacity

Maximum weight for steel parts S235JR with smooth contact surfaces and of sufficient size and thickness.

The lifting capacity varies according to the type of material, the thickness, the size and the quality of the surface.

Ordering example: Battery powered lifting magnet SAV 531.42 - BM 1350
Designation SAV - No. - Model