MENNENS | Lifting Solutions Group
Axel Johnson International

Lifting Magnet BM Battery-powered

Product information



The BM battery lifting magnet complete with remote control is a suitable tool for handling on premises where it is otherwise difficult to operate a lifting device manually. The remote control operates up to a distance of 10 metres. It is also used for cutters and flame cutting machines when handling metal sheets and loads up to 5000 kg.

Features:

- New control unit with functions such as Variable Force (to adjust the holding force when handling a particular quantity of sheet-metals from a stack) and Tip-Off (for gradual slackening of part of the load, e.g. thin sheet metal products, such as sheeting)
- Besides the buttons on the magnet body, the unit can also be controlled using the IR remote control from up to 10 metres away
- Universal steel lifting eye
- Safety – synoptic display with battery level LED indicator, blocking of cutting-off during lifting, audible and visual warning signals indicate low battery level

BM is a series of lifting magnets with a battery power supply and high lifting capacities.The magnet is conformable with a safety factor of 2:1, i.e. it can carry more than double its maximum allowed lifting capacity in the tear-away test

Handling using the magnet is very simple and, due to its remote control, it is also comfortable. Altogether, we offer 4 models with different lifting capacities, where the BM3600 model is suitable especially for handling thin metal plates with a thickness of more than 3 mm Power is provided by a 12V built-in battery allowing up to 8 hours of operating time at 50% duty cycle.

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

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Material: Solid magnetic base with durable embedded coil.
Marking: According to standard, CE-mark
Temperature range: max. 50 °C
Standard: EN 13155
Note: Battery: 12 V. Battery life: 8 hours at 50 % cycle

Safety factor: 2:1

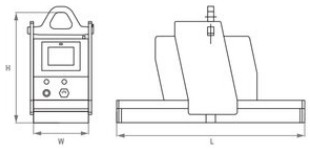
Mennens Belgium
sales@mennensbelgium.be
+32 (0)3 253 23 23

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Blueprint



Technical data

Part code	Code	WLL ton	Type of battery	L mm	W mm	H mm	Weight kg
503100140000140	BM1350	1.35	FG12 - 35 D	272	242	508	60
503100250000140	BM2500	2.5	FG12 - 75 D	400	242	512	72
503100360000140	BM3600	3.6	FG12 - 75 D	1,050	240	512	180
503100500000140	BM5000	5	FG12 - 75 D	1,200	300	527	203

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