

Magnetic Battery Lifter

Electro-permanent technology with removable battery



Battery lifter

Combines the safety, convenience and flexibility of a permanent-magnet lifter with the ease of operation of an electro-magnet.



The integral re-chargeable battery is used only to switch the lifter on and off. The lifting power is entirely provided by 'rare earth' permanent magnets. Once the magnet is switched on, the load remains held even if the battery loses charge.

No installation, no wires – simply hook to hoist or crane.

Makes lifting heavy loads a fast, easy and safe one-man job. Allows more efficient storage and handling of

materials as access is required only to the top face.

A self-activating eye-switch can be used to activate and deactivate the lifter. The magnet switches on when placed on a load and off when the load is no longer supported by the magnet. This means the operator does not have to manually switch the magnet – the operator can remain at a safe distance from the lift area.

Flexible lifting

Plate



Block



Round Bar



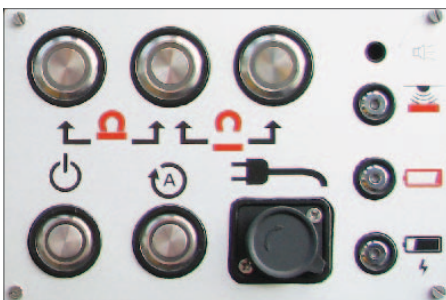
- Fail-safe operation
- High load capacity
- No installation

Unique replaceable rechargeable battery



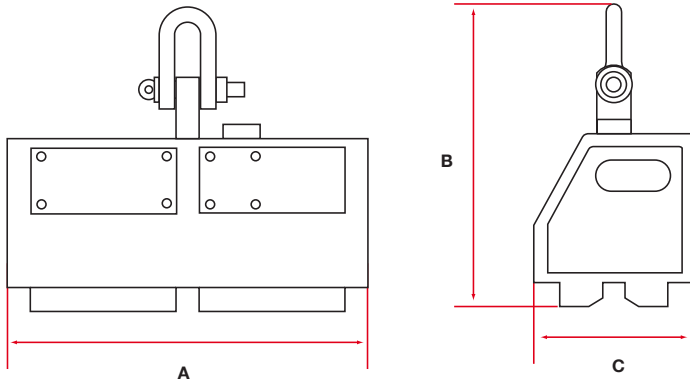
- Low battery audible/visual alarm
- Out of box operation (supplied with battery charged)

Intuitive controls



- Push-button lifting
- Automated self-activated switching as standard
- Radio remote (option)

Technical information measurements are nominal



Product	Load profile	Unit Weight	SWL	Diameter Min.	Diameter Max.	Dimensions mm/in		
		kg/lbs	kg/lbs	mm/in	mm/in	A	B	C
EPML1250R	Round	175 (387.5)	1250 (2,750)	200 (7.87)	400 (15.75)	690mm/ 27 ¹ / ₈ "	530mm/ 20 ⁷ / ₈ "	280mm/ 11"
EPML3000	Flat	164 (363)	3000 (6,600)	N/A	N/A	690mm/ 27 ¹ / ₈ "	530mm/ 20 ⁷ / ₈ "	280mm/ 11"

*based on required minimum material thickness

Lifting safety ratio 2:1
Max. no. of switches per charge: 200–250

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While every effort has been made to ensure the accuracy of the information in this publication please note that specifications may change without notice.

V3