

HBEP

ELECTRO PERMANENT LIFTING MAGNETS WITH BATTERY SUPPLY FOR LIFTING FLATS AND ROUNDS







MAXIMUM SAFET

The magnet is activated by a short current pulse.
The effective force is generated by permanent magnets.
The safety factor of 3 guarantees safe operation, even with rough and dirty workpieces.



ENERGY FRIENDLY

95% less energy consumption than traditional electromagnets.
A short current pulse is enough to activate / deactivate the magnet. The powerful rechargeable battery guarantees >1000 cycles before charging.



ERGONOMIC

No power cable required.

Manual operation by using the magnet's control panel.

NEW! Automatic switching petween MAG and DEMAG via the proximity switch.



The proximity switch prevents demagnetization in the air and starts the MAG and DEMAG cycle when AUTO-cycle selected.

- Safety factor 3:1
- 6 models from 500 kg to 5000 kg
- Lithium battery technology with high autonomy
- Manual or automatic operation
- 4 Levels PICK-UP force for lifting 1 single steelsheet from a stack.
- Proximity switch against accidental demagnetization in the air.

MODEL		WEIGHT (KG)	VOLTAGE (V)	DIMENSIONS (LxWxH)	SWL FLAT MAX (KG)	SWL ROUND MAX (KG)
	HBEP-500	51	60	370x190x382	500	250
	HBEP-1000	73	60	370x240x402	1000	500
	HBEP-1500	88	60	426x240x417	1500	750
	HBEP-2000	118	60	470x330x404	2000	1000
	HBEP-3000	185	60	638x346x427	3000	1500
	HBEP-5000 * Lead-Acid battery	502	72	1332x547x530	5000	2500



BATTERY POWERED ELECTRO PERMANENT LIFTING MAGNETS



SERIE: HBEP

Lifting of Flat and Round Steel Parts





SERIE: HBEPP

Lifting of single steel Sheets ≥ 5 mm 3—6—9—12—16 m 1.000 kg-25.000 kg



SERIE: HBEPS

Lifting HEA-HEB-IPE-IPN 80-600 Profiles

3-6-12-18-24 m 1.300 kg-5.200 kg



· 100% Safe

- · Force is generated by **permanent Magnets**
- · No heating of the Magnet
- · Predictable and constant Force
- · More than 95% Energy savings
- · No back-up Batteries required
- · No residual magnetism in the Material
- · No interferences with electronical Device
- No Maintenance

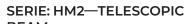
ELECTRO PERMANENT LIFTING MAGNETS (400V-50Hz)



SERIE: HM1—FIX BEAM

Lifting of single steel Sheets ≥ 5 mm 3—6—9—12—16 m

2.500 kg-24.000 kg



Lifting of single steel



SERIE: HM5

Uncharging of cutting machines in one movement. Dimensions/capacities on request



BEAM

Sheets ≥ 5 mm

12m—16 m

5.000 kg—24.000 kg



SERIE: HS

Lifting HEA-HEB-IPE-IPN 80-600 Profiles

3—6—12—18—24 m

1.300 kg-5.200 kg



SERIE: HM3

Lifting of THIN steel Sheets ≥ 3 mm

3—6—9—12 m

1.000 kg-4.000 kg



SERIE: HC

Lifting of coils

Horizontal or vertical Eye Dimensions/capacities on

request



SERIE: HM4

Vertical lifting of steel Sheets

6—12—16 m

Dimensions/capacities on request



SERIE: HB

Lifting of Billets and Slabs Dimensions/capacities on request





THE SAFEST LIFTING MAGNET OF THE WORLD