



MAGBAT

EUROPE

HBEP

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



MAXIMUM SAFETY

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 between 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 steel sheet 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



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BATTERY POWERED ELECTRO PERMANENT LIFTING MAGNETS



SERIE: HBEP
Lifting of Flat and Round
Steel Parts
500 kg—5.000 Kg



SERIE: HBEPP
Lifting of single steel
Sheets \geq 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 \geq 5 mm
3—6—9—12—16 m
2.500 kg—24.000 kg



SERIE: HM5
Uncharging of cutting
machines in one movement.
Dimensions/capacities on
request



**SERIE: HM2—TELESCOPIC
BEAM**
Lifting of single steel
Sheets \geq 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 \geq 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

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