



# 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)	MIN. MATERIAL THICKNESS (MM)	SWL FLAT MAX (KG)	SWL ROUND MAX (KG)
 HBEP-005	51	60	370x190x382	4	500	250
 HBEP-010	73	60	370x240x402	6	1000	500
 HBEP-015	88	60	426x240x417	6	1500	750
 HBEP-020	118	60	470x330x404	8	2000	1000
 HBEP-030	185	60	638x346x427	10	3000	1500
 HBEP-050 * Lead-Acid battery	502	72	1332x547x530	20	5000	2500

## 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: HM6**  
Lifting of multiple steel sheets  
Dimensions/capacities  
on request



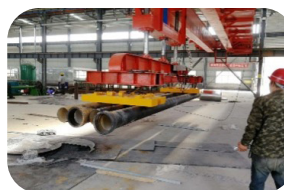
**SERIE: HM2—TELESCOPIC  
BEAM**  
Lifting of single steel  
Sheets  $\geq 5$  mm  
12m—16 m  
5.000 kg—24.000 kg



**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: HT**  
Lifting of cylindrical steelparts  
(single and rows)  
Dimensions/capacities  
on request



**SERIE: HM4**  
Vertical lifting of steel  
Sheets  
6—12—16 m  
Dimensions/capacities  
on request



**SERIE: HC**  
Lifting of coils  
Horizontal or vertical Eye  
Dimensions/capacities  
on request



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



**SERIE: HB**  
Lifting of Billets and Slabs  
Dimensions/capacities  
on request

