



## HBEP

### ELECTRO PERMANENT LIFTING MAGNETS WITH LITHIUM BATTERY



FOR FLAT AND ROUND PARTS  
**SAFETY FACTOR 3**

**TIP:**  
The AUTO function makes it possible to combine several magnets on a lifting beam. All magnets are activated simultaneously by their proximity switch at the moment of hoisting. This makes it easy to lift long and heavy parts.

Complete range of electro permanent lifting magnets with integrated lithium battery for lifting flat and cylindrical workpieces.

#### HIGH AUTONOMY

Thanks to the built-in rechargeable lithium battery, the lifting magnet can perform more than 1000 cycles before it needs to be charged.

#### EASY OPERATION

Clear control panel with illuminated digital push buttons.

#### AUTO-FUNCTION

When activated, the MAG and DEMAG cycle is controlled by the proximity switch located below the lifting eye. Ideal for quickly discharging e.g. cutting machines.



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



#### 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.



- 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.

#### MODELS

PRODUCT	WEIGHT (KG)	BATTERY (VDC)	MIN. THICKNESS (MM)	SWL FLAT (KG)	SWL ROUND (KG)
HBEP-005	51	60	4	500	250
HBEP-010	73	60	6	1000	500
HBEP-015	88	60	6	1500	750
HBEP-020	118	60	8	2000	1000
HBEP-030	185	60	10	3000	1500
HBEP-050*	502	72	20	5000	2500