



## HBEP

### FIX ELECTRO PERMANENT MAGNETIC BEAM WITH BATTERY SUPPLY



LIFTING OF STEEL SHEETS  
**SAFETY FACTOR 3**

Steel sheets and steel strips are often difficult to handle. When lifting with traditional chains, slings and hooks, the load tends to bend and deform, making transport unstable and dangerous. With the HBEP electro permanent magnet beams, the load is lifted evenly from the top, without deformation or damage to the load.

#### PICK-UP CYCLE

Depending on the thickness of the steel plate, the PICK-UP force can be adjusted to ensure that only one plate is lifted.



**Percentage of total force at PICK UP:**  
POSITION I = 15%  
POSITION II = 25%  
POSITION III = 35%  
POSITION IV = 55%

#### SELECTION OF MAGNETIC MODULES

Depending on the dimensions of the material to be lifted, a number of corresponding magnetic modules can be selected via a 4-position switch.



#### INNOVATIVE BATTERY TECHNOLOGY

Because only a short pulse of electric current is required for magnetisation and demagnetisation, more than 300 cycles can be performed with one fully charged battery. The status of the battery is continuously monitored and clearly displayed.





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**OPTION**

Fork lift adaptation for handling steel plates stored outdoors.  
Thanks to the integrated rechargeable battery group, an additional power supply is not necessary.



**MODELS**

PRODUCT	WEIGHT (KG)	BATTERY (VDC)	LENGTH (MM)		WIDTH (MM)		T (MM)	CAPACITY (KG)	EPM QTY
			MIN.	MAX.	MIN.	MAX.	MIN.		
HBEP-03-010	500	72	500	3000	500	1500	5	1000	4
HBEP-06-030	950	72	500	6000	1200	2500	5	3000	6
HBEP-06-060	950	72	500	6000	500	2500	5	6000	6
HBEP-06-090	950	72	500	6000	500	2500	5	9000	6
HBEP-06-120	1950	72	500	6000	500	2500	5	12000	6
HBEP-09-080	1250	72	2500	9000	500	3000	5	8000	8
HBEP-09-120	1750	72	2500	9000	500	3000	5	12000	8
HBEP-12-050	1695	72	5000	12000	500	3000	5	5000	10
HBEP-12-100	2010	72	5000	12000	500	3000	5	10000	10
HBEP-12-180	2850	120	1700	12000	1000	3200	5	18000	16
HBEP-16-200	4650	120	2000	16000	1500	3500	5	20000	16
HBEP-16-250	4860	120	2000	16000	1500	3500	5	25000	16