LENOR-MEC
MAGNETIC SYSTEMS

MAGBAT
EUROPE

SERIE:
HBEPP

Fixed electro-permanent magnetic beam with battery supply

Handling steel sheets and strips can be challenging. When using traditional chains, slings, or hooks, loads often bend or deform, leading to unstable and unsafe transport. However, with HBEPP electro-permanent magnet beams, the load is lifted evenly from the top, eliminating the risk of deformation or damage.

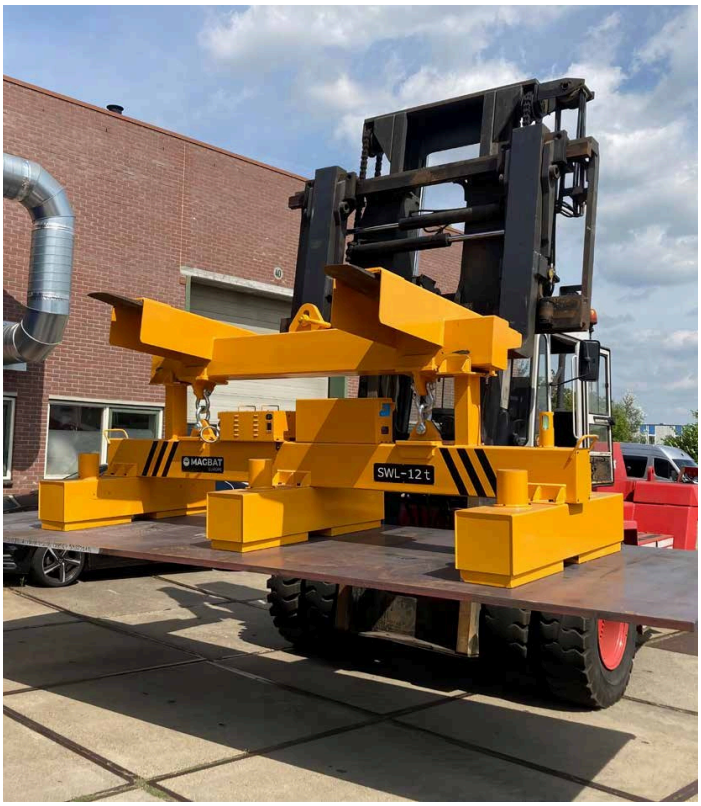
PICK-UP CYCLE

The PICK-UP force can be adjusted according to the thickness of the steel plate, ensuring that only one plate is lifted at a time.

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

SELECTION OF MAGNETIC MODULES

Based on the size of the material to be lifted, the appropriate number of magnetic modules can be easily selected using a 4-position switch.



INNOVATIVE BATTERY TECHNOLOGY

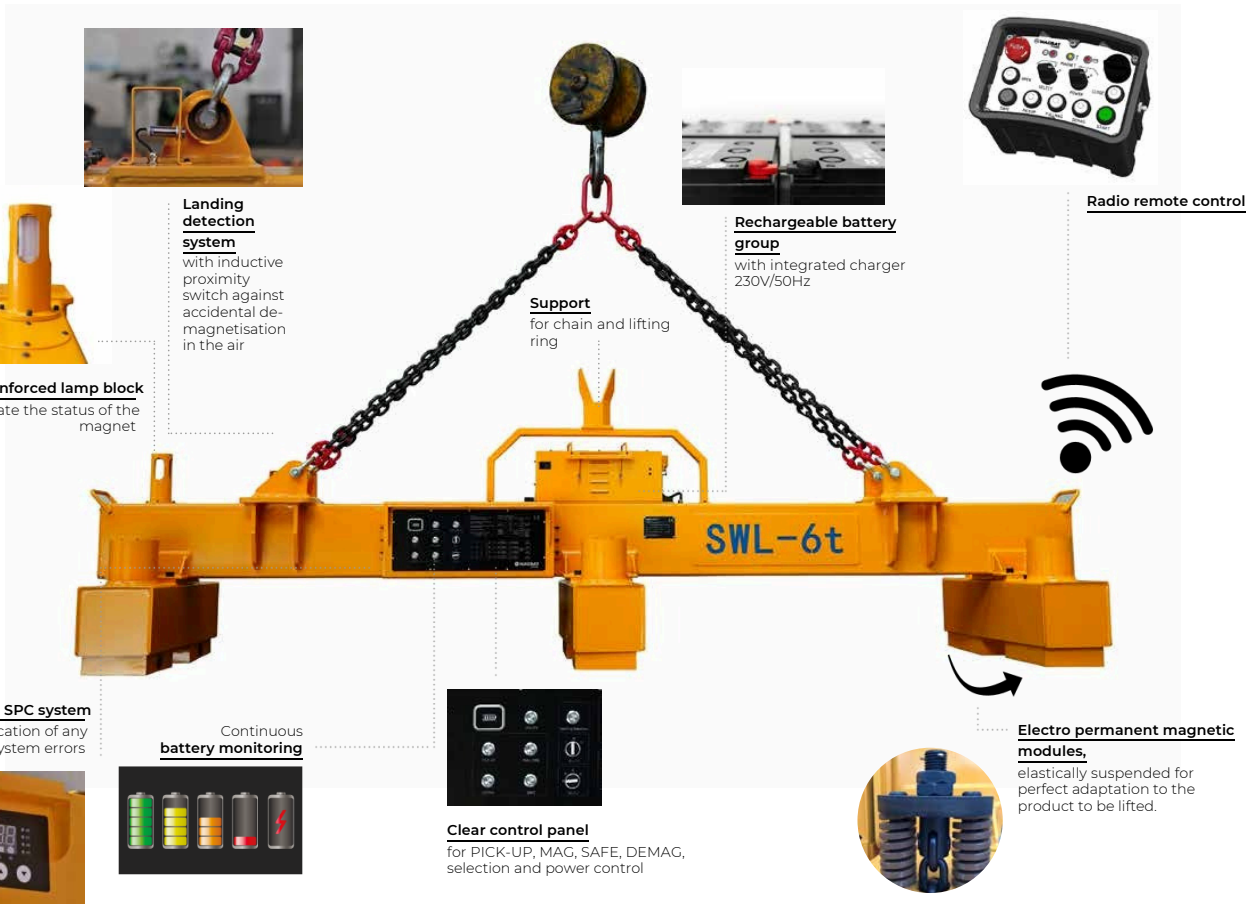
With only a brief pulse of electric current needed for magnetisation and demagnetisation, a fully charged battery can complete over 300 cycles. The battery status is continuously monitored and clearly displayed for convenience.

LIFTING OF STEEL SHEETS

SAFETY FACTOR 3

Fully autonomous

Built-in rechargeable battery system



MODELS

MODELS	WEIGHT (KG)	BATTERY (VDC)	LENGTH (MM)		WIDTH (MM)		THICKNESS (MM) MIN.	WORKLOAD (KG)
			MIN	MAX	MIN	MAX		
HBEPP-03-010	500	72	500	3000	500	1500	5	1000
HBEPP-06-030	950	72	500	6000	1200	2500	5	3000
HBEPP-06-060	950	72	500	6000	500	2500	5	6000
HBEPP-06-120	1950	72	500	6000	500	2500	5	12000
HBEPP-09-080	1250	72	2500	9000	500	3000	5	8000
HBEPP-09-120	1750	72	2500	9000	500	3000	5	12000
HBEPP-12-100	2015	72	5000	12000	500	3500	5	10000
HBEPP-12-150	2610	72	5000	12000	500	3500	5	15000
HBEPP-12-180	2850	72	5000	12000	500	3500	5	18000
HBEPP-16-200	4650	120	2000	16000	1500	3500	5	20000
HBEPP-16-250	4860	120	2000	16000	1500	3500	5	25000

Other dimensions on request

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ATTRACTING SOLUTIONS

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Visitez notre site !