

EPMB

Battery Lifting Magnet

The electropermanent battery lifting magnets can be used without connection to the power supply. They combine safety of permanent magnets with the operation comfort of electromagnets. Sheets from 6 mm thickness can also be separately lifted from stack. Even magnetizing and demagnetizing of the lifting magnet can take place automatically.



- ⬆ The automode mechanism: The magnet switches automatically, as soon as it is put on the workpiece and the crane hook is released!

Application

- + For flat and round material because v-prism pole shoe
- + Operation is independent from mains supply
- + Usable even for beam operation with 2 magnets
- + For raw material, semi-finished and finished products
- + In mechanical engineering, tool manufacturing, plant engineering, steel construction, shipbuilding, steel mill, cutting-, laser operation, transport company or materials store





EPMB 5000



EPMB 10000

Professional advantages

- + Automatic magnetizing and demagnetizing of the workpiece by AUTO mode
- + 3 times safety factor and additional safety feature to drop accidentally the load in the air
- + Scaled or rough surface can be mastered
- + No current flow during lifting - the magnet is magnetized or demagnetized by pulse current only
- + Usable in multi-shift operations, because approx. 300 switches are possible

Features

- ↘ Selection between manual or automatic mode
- ↘ Max. operation temperature 80°C
- ↘ Optical and acoustic alarm device with battery charge level indicator
- ↘ Inching for destacking is possible either by power reduction button or by optional wireless remote control
- ↘ 300 operation cycles before recharging 8h by mains supply of 110V / 230V

Options

- ↘ Special pole shoes for round material
- ↘ Radio remote control for destacking sheets from 6 mm thickness or for dropping during lifting or for use with spreader beam
- ↘ Service and repair according safety regulations

Technical data

	Dimensions	Load	Min. thickness	Max. load	Load	Max. ø	Hold surface [LxB]	Weight	No.
	[LxWxH]	SWL 3:1	for separating	capacity from	SWL 3:1				
	[mm]	Fh [kg]	[mm]	[mm]	Fh [kg]	[mm]	[mm]	[kg]	
EPMB 3000	560 x 340 x 500	3 000	6	40	1 500	300	460 x 230	190	28527
EPMB 5000	740 x 410 x 320	5 000	6	50	2 500	300	680 x 380	520	33855
EPMB 10000	1 060 x 500 x 600	10 000	6	70	-	-	1 060 x 500	715	64358
EPMB 3000L	940 x 220 x 280	3 000	6	40	-	-	880 x 180	190	60429
EPMB 5000L	1 250 x 290 x 340	5 000	6	40	-	-	1 150 x 220	250	64294