

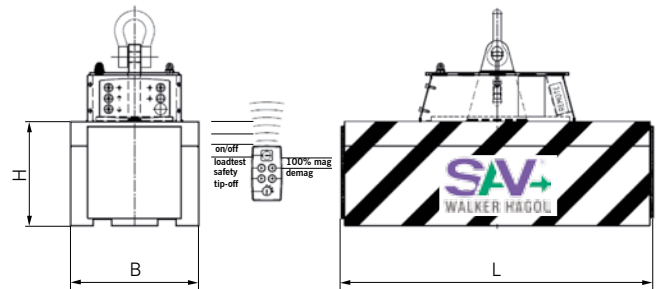
Intended use:

The RMEP lifting magnet range allows to lift and handle ingots, blocks and heavy plates weighing up to 20 tons.

These magnets are provided with an “on board” magnet control together with a hand held radio remote control.

Thus, a maximum of independency and flexibility is ensured.

An RMEP lifting magnet can be simply hooked up to the crane provided an AC power supply is available at the hook.



Applications:

- Loading and unloading of machine tools
- Lifting and handling of materials in the ware-house
- Lifting and handling of workpieces in fabrication, manufacturing and assembling stages



Model	Nominal lifting capacity on machined surface	Nominal lifting capacity on thick plates	Application	Break-away force (T) at air gaps acc. to EN 13155			Weight kg	Dimensions			Voltage VDC	Power kW
	air gaps < 0,1mm	(air gaps < B/300)		0	B/300	B/100		L mm	B mm	H mm		
RMEP 3,2	5	3,2	Medium	16,5	11	5,4	325	590	340	275	360	5
RMEP 5	7	5	Medium	22	16	7,7	430	790	340	275	360	6,5
RMEP 6,3	8	6,3	Heavy	28	19	8	760	800	420	340	360	6,5
RMEP 9	11	9	Heavy	36	27	10	1100	1020	420	340	360	7,5
RMEP 16	20	16	Extra Heavy	64	46,5	17,5	2400	1230	600	480	360	9,4
RMEP 20	25	20	Extra Heavy	80	60	21,5	3000	1530	600	480	360	12

Ordering example: **Electro-permanent heavy lifting magnet SAV 531.73 - RMEP 3,2**
 Designation SAV - No. - Model

ELECTRO-PERMANENT LIFTING MAGNETS

SAV 531.73

Intended use:

Effortless lifting and transportation of loads of up to 1000 kg.
Electrically actuated magnets for individual applications.

Features:

- Permanent magnet system, electrically controlled
- No loss of lifting force if the power supply fails
- High safety level thanks to the Neodymium magnet system with a 3-fold break-away force
- High level of lifting capacity in case of air gap situations
- V-shaped pole shoes for flat and round materials
- Rapid activation and deactivation of the lifting magnet
- Integrated control unit with illuminated push buttons
- Comprehensive operating instructions and an individual test certificate

Applications:

- Loading and unloading of machine tools
- Transfer of round and flat materials in the warehouse
- Handling of parts in the assembly and production stages
- Frequent handling on robots

Optional:

- With infra-red remote control on request. _____



Model		NEO-EP 125	NEO-EP 250	NEO-EP 500	NEO-EP 1000
Nominal lifting capacity* - Flat material	kg	125	250	500	1000
Round material ø min / max	kg mm	60 ø30 / ø120	125 ø50 / ø200	250 ø50 / ø200	500 ø50 / ø200
Length x Width Magnet	mm	206 x 65	250 x 100	250 x 125	425 x 125
Total length x Total width	mm	210 x 116	270 x 140	270 x 150	445 x 167
Height to the crane hook	mm	204	380	405	405
Connection voltage	V	230	230	230	230
Current pulse	A	2,5	3,5	6,7	8
Weight	kg	13	35	54	70

* Nominal lifting capacity

Maximum weight for steel parts S235JR with smooth contact surfaces and of sufficient size and thickness. The lifting capacity varies according to the type of material, the thickness, the size and the quality of the surface.



Ordering example: Electro-permanent lifting magnet SAV 531.73 - NEO-EP 250
Designation SAV - No. - Model