

SAV 531.42

BATTERY LIFTING MAGNETS

APPLICATION

For lifting and transporting loads up to 5000 kg without power supply.
Autonomous electro magnet for individual use with infrared control.

SPECIAL FEATURES

- Robust steel housing with control and charging unit and maintenance-free 12 V battery.
- A switch on the lifting eye prevents switching off during the lifting process
- Loading level indicator, optical/acoustic alarm signal for undercurrent and low battery capacity
- Activation is blocked if the battery voltage is low
- Operation with infrared control with 10 m range or on the magnet
- Modern electronics with short reaction time
- Delivery includes battery, infrared transmitter, operating instructions and test certificate
- Complies with European directives and standards
- With variable holding force and function for dropping thin plates so the rest can be transported safely; operated with infrared remote control
- **BM model** – flat version with one or two magnets for lifting flat materials. BM model designed for sheet metal up to 6000 x 3000 mm.
- **BMP model** – with prism and deep magnetic field for lifting profiles, tubes and round materials

APPLICATIONS

- In steel construction and at shipyards for transporting sheet metal and profiles:
 - Loading and clearing flame cutting or laser cutting machines
 - Loading and unloading of machine tools
- For material handling in the steel trade
- Transport of heavy moulds, cast and forged parts



BM 2500



BMP 1800



WEE-Reg.-Nr.:
DE 12559600

Model		BM 1350	BM 2500	BM 3600	BM 5000	BMP 1800	BMP 3600
Design		Flat 1 magnet	Flat 1 magnet	Flat 1 magnet	Flat 2 magnets	Prismatic 1 magnet	Prismatic 1 magnet
Rated carrying capacity*							
▪ Flat materials	kg	1350	2500	3600	5000	1800	3600
▪ Round materials	kg	-	-	-	-	1130	2200
Min./max. diameter	mm					45/440	45/500
Length x width	mm	272 x 242	400 x 242	1050 x 240	1200 x 300	470 x 242	760 x 262
Height to crane hook	mm	460	460	460	460	610	630
12 V battery	Ah	35	75	75	75	75	75
50 % duty cycle	h	8	8	8	8	8	8
Charging voltage	VAC	230	230	230	230	230	230
Weight	kg	54.0	105.0	180.0	230.0	144.0	395.0

* Rated carrying capacity:
Maximum weight for parts made of steel S235JR with polished contact surface, sufficient size and thickness.
The carrying capacity varies with the material, strength, size and surface quality.

ORDERING EXAMPLE

Designation SAV no. - model
Battery lifting magnet SAV 531.42 - BM 1350