

# SB01

## BATTERY ELECTRO-PERMANENT LIFTERS



### ELECTRO-PERMANENT MAGNETIC LIFTING SYSTEMS



**SAFETY  
RELIABILITY  
USER-FRIENDLY  
SELF - POWERED**

# SB01

## BATTERY ELECTRO-PERMANENT MAGNETIC LIFTERS

Lifter series designed to lift both flat and round workpieces in complete safety. Very versatile as they don't require any electrical connection except during their recharging.

Thanks to the battery they are equipped with, they are able to perform approximately 250 to 300 magnetization and demagnetization operations. The battery energy is usually only used during the MAG/DEMAG cycles for about 1 second. They also feature a radio control enabling the operator to work from a distance of approximately 10 meters.

A safety hook prevents any accidental manoeuvre when the load is hanging and compels the operator to activate the lifter only after grounding the load. A flashing signal indicates that the magnet is operating, while an acoustic alarm tells the operator that the battery needs to be charged. Batteries can be charged by simply plugging the provided cable into a 220V / 50Hz socket for about 10 hours.

### TECHNICAL CHARACTERISTICS

Safety factor **3:1**

Charging time **10 hours**

Battery capacity: **28Ah@12V - 56Ah@24V**

Battery voltage: **12V - 24V d.c.**

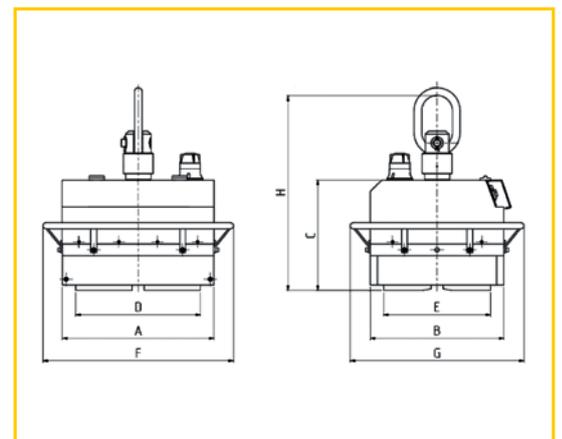
### REMOTE CONTROL

It is equipped with a remote control to activate the Mag and Demag of the lifting magnet at a safe distance or to operate in environments with limited accessibility.

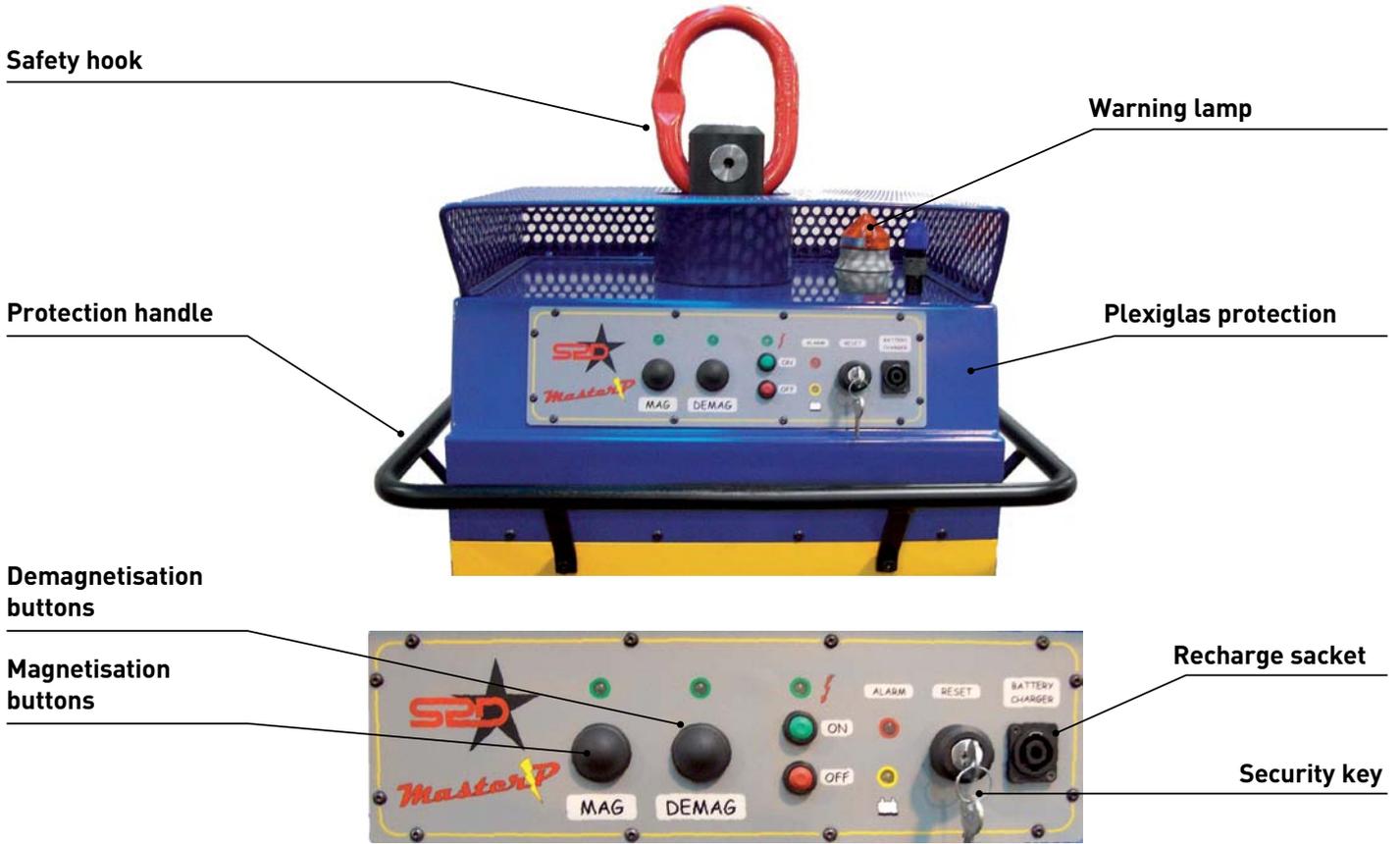


LOAD FEATURES							
TYPE	FLAT				ROUND		
	Thickness min (mm)	Width max (mm)	Length max (mm)	Capacity (Kg)	Diameter min/max (mm)	Length max (mm)	Capacity (Kg)
SB01.02000	40	3.000	3.000	2.000	175/350	3.000	1.000
SB01.04000	40	3.000	3.000	4.000	250/500	3.000	1.500
SB01.06000	40	3.000	3.000	6.000	250/750	3.000	2.700

DIMENSIONS									
TYPE	Weight (kg)	A	B	C	D	E	F	G	H
SB01.02000	135	441	281	348	360	200	572	415	592
SB01.04000	388	511	451	419	430	370	642	585	706
SB01.06000	775	663	617	430	520	480	799	749	739



# STANDARD CONFIGURATION



# APPLICATIONS



## MANUALLY OPERATED LIFTERS



Sturdy, handy and powerful neodymium magnetic lifters activated by lever.

Suitable for the handling of ferrous loads in various fields of application (loading and unloading on machine tools, oxycutting, warehouses, mechanical assembly, welding, etc.).

Suitable for the lifting of both flat and round loads.

## SEP - LIFTERS



The well-structured SEP-modules, specially designed for the handling of slabs and forged blocks with an increased air-gap, are able to withstand high stresses and strains and are therefore extremely reliable over time.

By means of the radio control included in the standard supply one single user is able to carry out every operation (anchoring, lifting, handling, release) by keeping the necessary safety distance from the load.

## LIFTERS FOR SHEETS



Lifting beams (with or without telescopic arms) able to handle sheets of different sizes, and of small (2mm) or greater thicknesses.

These lifters are operated by a radio control, by means of which also the telescopic arms are extended or retracted.

Possibility to select the center bars for the handling of short sheets or straps.

## LIFTERS FOR COILS



Modules for the handling of compact coils of any size and weight.

Offers the advantage of not deforming or damaging the load, and of reducing the operating spaces, as the module is always positioned from above onto the coil.

Suitable for coils with horizontal or vertical axis.



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