

# HL | SH 12 | HL 60-CE | HL 60-CEL

## Permanent Magnet Handlifter

The permanent magnet handlifters SH (from German production) and HL are suitable for transporting especially thin sheets as well as oily or sharp edged ones.

The permanent magnet handlifter HL 60-CE is especially designed for hot or sharp edged flamecut parts. It gets magnetized or demagnetized over push buttons on the handle. The HL 60-CE accu lasts for 1000 switching cycles before recharging. The charger and an exchange accu are included.

The **HL 60-CEL** is with long handle.



SH 12



HL 60-CE



HL 60-CEL

### Application

- + Handling of thin sheets or small flamecut parts
- + Max. operation temperature 80°C
- + For HL / SH the workpiece surface should be clean and dustfree (oil does not effect the magnetic force)
- + Usable in mechanical engineering, tool manufacturing, plant engineering, steel construction, shipbuilding, still mill, transport company or materials store

### Features HL | SH 12

- ☺ Horizontal or vertical sheet transport
- ☺ Destacking of even 2 mm sheet thickness
- ☺ Very flat magnetic field, especially designed for thin sheets
- ☺ Mechanical release by pushing the handle

### Delivery contents HL 60-CE | HL 60-CEL

- ☺ HL 60-CE | HL 60-CEL
- ☺ Charger 230V with 2 x accu 12V

### Features HL 60-CE | HL 60-CEL

- ☺ Fast handling of sharp-edged or hot metal parts
- ☺ Magnetizing or demagnetizing by push buttons
- ☺ Nearly no residual magnetism, therefore insensitive to dust or chips
- ☺ The electrical switching protects the workpiece surface
- ☺ Long lasting exchange accu, up to 1000 ON/OFF cycles

### Technical data

	Hold surface	Lifting force	Drag force	Sheet thickness	Weight	No.
	[mm]	Fh [kg]	Fv [kg]	[mm]	[kg]	
HL 10	150 x 100	60	20	> 2,0	2,0	104
HL 20	190 x 140	120	40	> 2,0	3,5	25031
SH 12	133 x 106	120	60	> 2,0	1,3	101
HL 60-CE	56 x 42	27	-	> 5,0	1,1	60347
HL 60-CEL	56 x 42	27	-	> 5,0	2,5	69924