

Maximum dimensions of round steels and steel pipes to lift (when Attachment No. □□ – 130 used)

[mm (in)]

Model	LME- 6EV		LME- 10EV		LME- 25EV		LME- 50EV	
	Length		Length		Length		Length	
	Round Steel	Steel Pipe	Round Steel	Steel Pipe	Round Steel	Steel Pipe	Round Steel	Steel Pipe
Thickness								
80	1000 (39.3)	1500 (59.0)	2000 (78.7)	3000 (118.0)	4000 (157.5)	6000 (236.2)	7000 (275.6)	11000 (433.1)
100	900 (35.4)	1400 (55.1)	1900 (74.8)	2500 (98.4)	3500 (137.8)	5800 (228.3)	6000 (236.2)	10000 (393.7)
150	600 (23.6)	1250 (49.2)	1100 (43.3)	2100 (82.7)	2000 (78.7)	5000 (196.9)	3500 (137.8)	8000 (315.0)
200	350 (13.7)	1000 (39.3)	700 (27.5)	1750 (68.9)	1400 (55.1)	4100 (161.4)	2500 (98.4)	7000 (275.6)
250	300 (11.8)	850 (33.5)	600 (23.6)	1500 (59.0)	1250 (49.2)	3500 (137.8)	2200 (86.6)	6000 (236.2)
300	250 (9.84)	750 (29.5)	500 (19.6)	1350 (53.2)	1100 (43.3)	3000 (118.1)	1900 (74.8)	5000 (196.9)
350			350 (13.7)	1250 (49.2)	950 (37.4)	2750 (108.3)	1700 (66.9)	4200 (165.4)
400					800 (31.5)	2500 (98.4)	1300 (51.2)	4000 (157.5)

MAGNETIC TOOLS FOR WELDING OPERATION
LIFTING MAGNET

Model LME-M BATTERY ACE*

Adjustable, Control the number of sheets lifted!

LME-60ELM



[Application]

Battery Ace allows the magnetic force to be adjusted. Suited to lift one or more plates in stacks, or lift several stacked plates together and release/distribute them one by one.

[Features]

- "Forward (initial weak hold)", "off" and "reverse" can be selected easily with a switch.
- The number of plates to lift can be adjusted by pressing and holding the weak excitation pushbutton switch, and turning the magnetic force variable adjust resistor.
- When the pushbutton switch is released after adjusting the number of plates, the strong excitation is automatically activated.
- All operations can also be performed remotely.
- The maximum magnetic force is the same as the standard type and can be adjusted steplessly.



Precaution for use

Rust and scratches on the attractive face adversely affects the holding power. Inspect/check periodically and make repairs.

[mm (in)]

Model	Lifting Capacity	Dimensions			Battery	Working Hours (50%ED)	Mass	Battery Charger	Charging Time	Accessories
		Holding Face	Height	Lifting Ring						
LME-15EM	1500kg/ 3307 lb	270 (10.6) × 350 (13.7)	543 (21.3)	φ 75 (2.95)	12V28Ah	Max 8h	Input 100 VAC, Output battery 1 pc (12V)	10—15h	Spare battery: 1 set Charger (standard): 1 set	
LME-30EM	3000kg/ 6614 lb	280 (11.0) × 450 (17.7)	580 (22.8)							
LME-60EM	6000kg/ 13227 lb	270 (10.6) × 900 (35.4)	755 (29.7)	φ 118 (4.64)	12V28Ah 2 pcs in series		Input 100 VAC, Output battery 2 pc (24V)	6—10h	Hydrometer	

※The lifting capacity is indicated by a value that is a half of the maximum holding power. ※50%ED……Repeating cycle of power on 5 min. and pause 5 min.
※The number-of-workpiece control type, special specifications, is also available.

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CHIP & SLUDGE TRANSPORTERS
MAGNETIC EQUIPMENT
MAGNETIZERS AND DEMAGNETIZERS
FOR TRANSPORTATION

Model LME-T BATTERY ACE*

2-point lifting

LME-20ETJ

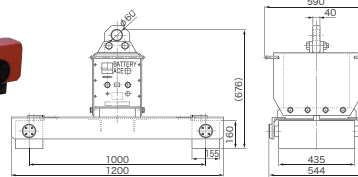


[Application]

A Battery Ace equipped with magnets with swivel joints spaced at 1000mm, can handle lifting of long steel plates. It can follow deformation of steel plates to transport them safely. Works well on thin steel plates.

[Features]

- Suitable for thin steel plate handling
- Can lift longer steel plates that are 30% -100% longer compared to our standard type Battery Ace.



[mm (in)]

An example of usage



Precaution for use

Rust and scratches on the attractive face adversely affects the holding power. Inspect/check periodically and make repairs.

Work Thickness	Work Type	Square Shape		Rectangular Shape	
		2000 (78.7) × 2000 (78.7)	1000 (39.3) × 3500 (137.8)	1500 (59.0) × 2700 (106.3)	1500 (59.0) × 4000 (157.5)
5—9		2400 (94.5) × 2400 (94.5)	1000 (39.3) × 4000 (157.5)	1500 (59.0) × 3500 (137.8)	1500 (59.0) × 4000 (157.5)
10		2500 (98.4) × 2500 (98.4)		1500 (59.0) × 3500 (137.8)	1500 (59.0) × 4000 (157.5)
12		2400 (94.5) × 2400 (94.5)	1000 (39.3) × 3500 (137.8)	1500 (59.0) × 3000 (118.0)	1500 (59.0) × 2500 (98.4)
14		2200 (86.6) × 2200 (86.6)		1500 (59.0) × 2500 (98.4)	1500 (59.0) × 1500 (59.0)
16—22		1500 (59.0) × 1500 (59.0)	1000 (39.3) × 2500 (98.4)		
25—32					
36—50					

[mm (in)]

Model	Lifting Capacity	Dimensions			Battery	Working Hours (50%ED)	Mass	Battery Charger	Charging Time	Accessories
		Holding Face	Height	Lifting Ring						
LME-30EV	2000kg/ 4409 lb	155 (6.10) × 435 (17.1) 2 pcs	596 (23.4)	φ 75 (2.95)	12V28Ah	Max 8h	Input 100 VAC, Output battery 1 pc (12V)	10—15h	Spare battery: 1 set Charger (standard): 1 set Hydrometer	

※The lifting capacity is indicated by a value that is a half of the maximum holding power. ※50%ED……Repeating cycle of power on 5 min. and pause 5 min.
※The number-of-workpiece control type, special specifications, is also available.



Kindly take note carefully that the capacity of the Lifma changes depending on the thickness of material, clearance between the material and magnet and the quality of the material.

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