

Model **LME-M** BATTERY ACE\*



Controlled number of plates to lift

LME-60ELM-A-EXP

[Application]

This Battery Ace allows the magnetic force to be adjusted. Suitable for lifting one plate from stacked plates.

[Features]

- "ON" (forward) (weak), "OFF" and "REV" (reverse) can be selected easily with a switch.
- The magnetic force can be adjusted steplessly by while holding the WEAK pushbutton switch pressed, turning the magnetic force adjust knob.
- 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.

Working rate 50% ED (Power on 5 minutes and pause 5 minutes)



**Precaution for use**

Rust and scratches on the attractive face affect the holding power adversely. Repair it periodically.

[mm (in)]

Model	Lifting Capacity	Dimensions			Battery	Working Hours (50%ED)	Mass	Accessories
		Attractive face	Height	Lifting ring ID				
LME-15FM-A-EXP	1500kg/ 3307 lb	280(11.0) × 350(13.7)	464(18.2)	φ60(2.36)	12V, 25Ah	Max. 8 hours	100kg/220 lb	Remote operation switch (cable 3 m included) Spare battery case 1set (※Charger and battery are not included)
LME-30FM-A-EXP	3000kg/ 6614 lb	280(11.0) × 450(17.7)	521(20.5)				160kg/352 lb	
LME-60ELM-A-EXP	6000kg/13227 lb	270(10.6) × 900(35.4)	755(29.7)	φ118(4.64)	12V, 25Ah 2 units in series		300kg/661 lb	

※The lifting capacity is indicated by a value that is a half of the max. holding power.

Model **LME-T** BATTERY ACE\*

2-point lifting



LME-20ETJ-A-EXP

[Application]

This Battery Ace, equipped with two swivel type magnets mounted on a beam at a 1000 mm interval, can lift long steel plates. This Battery Ace can follow warping of steel plates to transport them safely. Especially, it works well on thin steel sheets.

[Features]

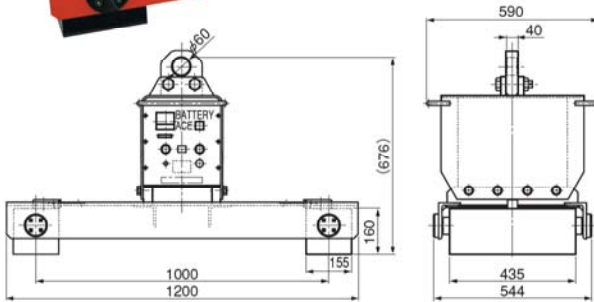
- Suitable for transporting thin steel sheets.
- Capable of lifting steel sheets that are 30% to 100% longer than sheets lifted by the standard type Battery Ace.

Working rate 50% ED (Power on 5 minutes and pause 5 minutes)

An example of fabrication



[mm (in)]



Working rate 50% ED (Power on 5 minutes and pause 5 minutes)



**Precaution for use**

Rust and scratches on the attractive face affect the holding power adversely. Repair it periodically.

Plate Thickness	Square	Rectangular		Specified Length		
5 - 9	2000(78.7) × 2000(78.7)	1000(39.4) × 3500(137.8)	1500(59.0) × 2700(106.3)	914(35.9) × 1829(72.0) (Nominal 3 × 6)	1219(47.9) × 2438(95.9) (Nominal 4 × 8)	1524(60.0) × 3048(12.0) (Nominal 5 × 10)
	2400(94.5) × 2400(94.5)		1500(59.0) × 3500(137.8)			
10	2500(98.4) × 2500(98.4)	1000(39.4) × 4000(157.5)	1500(59.0) × 4000(157.5)	1500(59.0) × 3500(137.8)		
	2400(94.5) × 2400(94.5)					
12			1500(59.0) × 3000(118.0)			
14	2200(86.6) × 2200(86.6)		1500(59.0) × 2500(98.4)			
16-22	2000(78.7) × 2000(78.7)	1000(39.4) × 3500(137.8)	1500(59.0) × 2500(98.4)			
25-32						
36-50	1500(59.0) × 1500(59.0)	1000(39.4) × 2500(98.4)	1500(59.0) × 1500(59.0)			

[mm (in)]

Model	Lifting Capacity	Dimensions			Battery	Working Hours (50%ED)	Mass	Accessories
		Attractive face	Height	Lifting ring ID				
LME-20ETJ-A-EXP	2000kg/ 4409 lb	155(6.10) × 435(17.1) 2 units	701(27.6)	φ75(2.95)	12V25Ah	Max. 8 hours	290kg/639 lb	Spare battery case 1set (※Charger and battery are not included)

※The lifting capacity is indicated by a value that is a half of the max. holding power. ※The number-of-workpiece control type, special specifications, is also available.



Keep in mind that the capacity of the Lifma varies largely depending on the thickness and material of workpieces, clearance and other factors.

MAGNETIC TOOLS EQUIPMENT FOR WELDING OPERATION  
 LIFTING MAGNET  
 MAGBORG  
 CHIP & SLUDGE CONVEYANCE EQUIPMENT  
 ENVIRONMENTAL EQUIPMENT  
 MAGNETIZER AND DEMAGNETIZER  
 MAGNETIC EQUIPMENT FOR CONVEYANCE  
 MAGNETIC SEPARATORS  
 POWERFUL MAGNETIC SEPARATORS  
 MEASURING INSTRUMENTS TOOLS  
 MAGNETIC MATERIALS