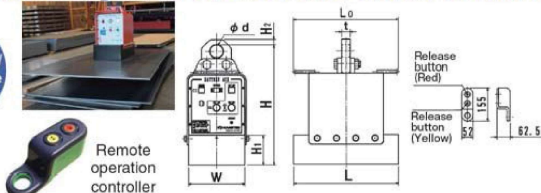


Separation enabled by use of remote control during automatic operation!



LME-30FRJ-A-EXP



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

Model	Lifting Capacity	Dimensions							Battery Capacity	Working Hours (50%ED)	Mass	Accessories	
		W	L	Lo	H (Touch down on floor-lifting)	H1	H2	d					t
LME-17FRJ-A-EXP	1700kg/ 3748lb	263 (10.3)	390 (15.4)	490 (19.2)	516 (20.3) - 527 (20.7)	95 (3.74)	25	60	40	12V, 25Ah	Max. 8 hours	Approx. 140kg/ 308.7 lb	Spare battery case 1 set (*Charger and battery are not included)
LME-30FRJ-A-EXP	3000kg/ 6614lb	1030	1490	1920	561 (22.0) - 572 (22.5)	140 (5.51)	0.98	236	157		Max. 7 hours	Approx. 190kg/ 418.9 lb	

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

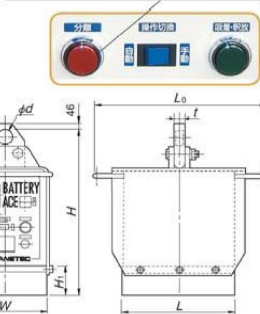
[Features]

- This type works effectively for separation of a multiple number of lifted large workpieces, where the panel on the main unit cannot be reached.
- The remote controller has been designed for enhanced safety as it does not work unless two buttons of [SP] (SEPARATE) and [CF] (CONFIRM) are pressed in order to prevent misoperation by one hand.
- The wireless remote controller is an ecotype controller that requires no electricity. [mm (in.)]



LME-60ELJ-A-EXP

When two or more workpieces are held, workpieces that are held in an unstable state can be released by pressing the [SEPARATE] button so that the remaining workpieces can be transported safely.



[Features]

- Model LME-60EWJ-A-EXP is recommended for wide and relatively thick steel plates up to 6 tons.
- Model LME-60ELJ-A-EXP is most suitable for steel plates that tend to warp as well as long steel plates and section steels.
- Auto/Manual can be selected with the operation switch. In the auto mode, an operation to repeat holding and releasing workpieces can be automated to enable the work to be conducted without remote input. (Holding and releasing repeated each time the Battery Ace touches down on the floor.)
- The pushbutton switch on the operation panel enables manual operation of lifted objects.
- The battery remaining capacity is clearly indicated on the 7-rank level meter. When the remaining capacity approaches the end, it is warned by the buzzer.
- The ammeter allows you to check the supply of electricity to the electromagnet.

⚠ Precaution for use

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

The following specifications are recommended for the battery of model LME-EV-A-EXP. Format:EB25T(LEAD STORAGE BATTERY)
Size:L195xW127xH222 Capacity:12V25Ah(5HR)

*Please prepare the charger that can charge the above battery.

*The required quantities of battery varies with model.

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

Model	Lifting Capacity	Dimensions							Battery Capacity	Working Hours (50%ED)	Mass	Accessories
		W	L	Lo	H (Touch down on floor-lifting)	H1	d	t				
LME-60ELJ-A-EXP	6000kg/ 13230lb	270 (10.6)	900 (35.4)	1100 (43.3)	707 (27.8) - 717 (28.3)	159 (6.25)	118 (4.64)	60 (2.36)	12V, 25Ah 2 units in series	Max. 8 hours	Approx. 300kg/ 661.5 lb	Spare battery case 1 set (*Charger and battery are not included)
LME-60EWJ-A-EXP		450 (17.7)	540 (21.2)	740 (29.1)								

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

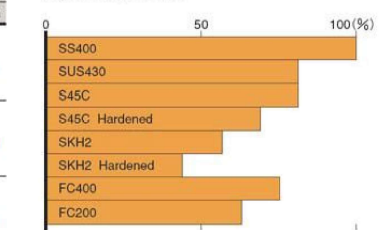
Steel plate lifting standard (Mill scale soft steel plate)

Plate thickness	Model	LME-10F / 10FJ-A-EXP				LME-17F / 17FJ / 17FRJ-A-EXP				LME-30F / 30FJ / 30FRJ-A-EXP				LME-60ELJ / 60EWJ-A-EXP			
		Square		×1000		square		×1000		×2000		square		×1000		×2000	
6		□550 (21.6)	600 (23.6)	300 (11.8)		□1300 (51.1)	1600 (62.9)	800 (31.5)		□1400 (55.1)	1800 (70.8)	900 (35.4)	□1700 (66.9)	1000 (39.4)	×2500 (98.4)	2000 (78.7)	×1300 (51.1)
9		□650 (25.5)	800 (31.5)	400 (15.7)		□1500 (59.0)	2200 (86.6)	1100 (43.3)		□1650 (64.9)	2500 (98.4)	1200 (47.2)	□2000 (78.7)	1000 (39.4)	×3200 (125)	2000 (78.7)	×2000 (78.7)
12										□1750 (68.8)	2700 (106)	1300 (51.1)	□2200 (86.6)	1000 (39.4)	×4500 (177)	2000 (78.7)	×2500 (98.4)
16		□800 (31.5)	1100 (43.3)	600 (23.6)		□1700 (66.9)	2800 (110)	1400 (55.1)		□1800 (70.8)	3000 (118)	1600 (62.9)					
20		□900 (35.4)	1400 (55.1)	850 (33.4)						□1850 (72.8)	3300 (129)	1700 (66.9)	□2400 (94.4)	1000 (39.4)	×5500 (216)	2000 (78.7)	×3000 (118)
25		□1100 (43.3)	2000 (78.7)	1200 (47.2)													
30		□1000 (39.4)	1800 (70.8)	1000 (39.4)		□1600 (62.9)	2500 (98.4)	1300 (51.1)									
40		□950 (37.4)	1600 (62.9)	900 (35.4)		□1500 (59.0)	2300 (90.5)	1200 (47.2)		□1750 (68.8)	3000 (118)	1500 (59.0)					
50		□800 (31.5)	1200 (47.2)	600 (23.6)		□1300 (51.1)	1700 (66.9)	800 (31.5)		□1700 (66.9)	2700 (106)	1400 (55.1)					
100		□550 (21.6)	600 (23.6)	300 (11.8)		□900 (35.4)	850 (33.4)	450 (17.7)		□1200 (47.2)	1500 (59.0)	700 (27.5)	□1700 (66.9)	1000 (39.4)	×2700 (106)	2000 (78.7)	×1500 (59.0)

Section steel lifting standard

Model	Steel type	[mm (in.)]					
		Angle Steel		I or H-shaped Steel		Channel Steel	
		Size	Length	Size	Length	Size	Length
LME-10F-A-EXP LME-10FJ-A-EXP		75 (2.95) × 75 (2.95) × t 9 (0.35)	2000 (78.7)	100 (3.93) × 75 (2.95)	2500 (98.4)	100 (3.93) × 50 (1.96)	2000 (78.7)
		100 (3.93) × 100 (3.93) × t 10 (0.39)		150 (5.90) × 75 (2.95)		150 (5.90) × 75 (2.95)	
		150 (5.90) × 150 (5.90) × t 15 (0.59)		200 (7.87) × 150 (5.90)		200 (7.87) × 80 (6.14)	
LME-17F-A-EXP LME-17FJ-A-EXP LME-17FRJ-A-EXP		75 (2.95) × 75 (2.95) × t 9 (0.35)	3000 (118)	100 (3.93) × 75 (2.95)	4000 (157)	100 (3.93) × 50 (1.96)	3000 (118)
		100 (3.93) × 100 (3.93) × t 10 (0.39)		150 (5.90) × 75 (2.95)		150 (5.90) × 75 (2.95)	
		150 (5.90) × 150 (5.90) × t 15 (0.59)		200 (7.87) × 150 (5.90)		200 (7.87) × 80 (6.14)	
LME-30F-A-EXP LME-30FJ-A-EXP LME-30FRJ-A-EXP		75 (2.95) × 75 (2.95) × t 9 (0.35)	5000 (196)	100 (3.93) × 75 (2.95)	6000 (236)	100 (3.93) × 50 (1.96)	5000 (196)
		100 (3.93) × 100 (3.93) × t 10 (0.39)		150 (5.90) × 75 (2.95)		150 (5.90) × 75 (2.95)	
		150 (5.90) × 150 (5.90) × t 15 (0.59)		200 (7.87) × 150 (5.90)		200 (7.87) × 80 (6.14)	

Difference in holding power by materials



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

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