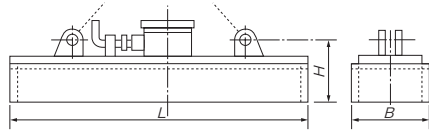


Model **LM-EP**

RECTANGULAR ELECTROMAGNETIC LIFMA



LM-40150EP3



[Application]

When mounted on a balanced (beam), several LM-EP can be used for such operations as transporting, sorting, loading & unloading and shipping of steel plates.

[Features]

- The number of pieces to lift can be controlled accurately.
- Easy operation and trouble-free mechanism.
- The employment of a non-interruptible power supply prevents lifted workpieces from falling in the event of power failure.

An example of usage



[mm (in)]

Model	Max. Holding Power	Dimensions				Voltage	Current	Power Consumption	Mass	Duty Cycle	Remarks
		B	L	H	D						
LM-20120EP3	100kN (10000kgf)	200 (7.87)	1200 (47.2)	190 (7.48)	24 (0.94)	210 VDC	5.1A	1.07kW	180kg/ 396 lb	50% ED (Repeating cycle of power on 5 min. and pause 5)	Power source board to be optimally designed according to number of pieces to control. The lifting chain, etc. are optional.
LM-20200EP3	170kN (17000kgf)		2000 (78.7)		32 (1.25)		8.3A	1.74kW	340kg/ 749 lb		
LM-30100EP3	150kN (15000kgf)	300 (11.8)	1000 (39.3)	180 (7.08)	26 (1.02)		6.0A	1.26kW	250kg/ 551 lb		
LM-30120EP3	180kN (18000kgf)		1200 (47.2)		200 (7.87)		7.1A	1.50kW	300kg/ 561 lb		
LM-30180EP3	260kN (26000kgf)		1800 (70.9)		190 (7.48)		9.4A	1.90kW	450kg/ 992 lb		
LM-40150EP3	300kN (30000kgf)		1500 (59.0)		220 (8.66)		35 (1.37)	11.9A	2.50kW		

Model **LEP-QL**

LARGE ELECTRO-PERMANENT MAGNETIC LIFMA

Large Beam Type Electro-Permanent designed for lifting large size work

Rectifier is separately needed



LEP-QL30140

An example of fabrication of Lifma with beam

<Lifting bundled pipes>



<Lifting steel plates>



[mm (in)]

Model	Max. Holding Power	Dimensions				Source Capacity	Mass	Remarks
		W	L	H	D			
LEP-QL3074	120kN (12000kgf)	300 (11.8)	740 (29.1)	110 (4.33)	24 (0.94)	11.5kVA	180kg/ 396 lb	Power source board to be optimally designed according to number of pieces to control. The lifting chain, etc. are optional.
LEP-QL30107	180kN (18000kgf)		1070 (42.1)		30 (1.18)	17.2kVA	250kg/ 551 lb	
LEP-QL30140	240kN (24000kgf)		1400 (55.1)		35 (1.37)	22.9kVA	330kg/ 727 lb	

Other types are also available according to your applications and specifications.



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.

MAGNETIC TOOLS FOR WELDING OPERATION

LIFTING MAGNET

MAGBORE

CHIP & SLUDGE TRANSPORTERS

ENVIRONMENTAL EQUIPMENT

MAGNETIZERS AND DEMAGNETIZERS

MAGNETIC EQUIPMENT FOR TRANSPORTATION

MAGNETIC SEPARATORS

HIGH-GRADE MAGNETIC SEPARATORS

MEASURING TOOLS

MEASURING INSTRUMENTS

MAGNETIC MATERIALS