MLP Mechanical-Electric Lift (Ball Screw, Electric)
Low & Mini / IPM Motor

Compact, space-saving, and thin type which can be placed anywhere.

MAJOR FEATURES OF THE MLP SERIES

(2) (1)

MLP-100-47

During Lowering

- Uses IPM motor
- No hydraulic drift
- 3.4 in. low platform (no external units attached)
- Vector control
- Dry cylinder
- Built-in unit
- 110 V power supply
- Maximum starting frequency 10 times per minute
- Bellows type provides full cover (with 'J' at the end)
- Foot switch with LED Cord: 78.7 in.

- Has a maximum/minimum limit switch
- Power cord: 118.1 in.
- Quiet operation through the use of planetary gears in the decelerator (MLP-100-XX)
- No oil leaks due to ball screw cylinder
- Cam-type cylinder head enhances rigidity
- Through strengthening the axis, durability is enhanced
- Built-in control board BOX (excluding MLP-150-**)

Note) When loading from the side of the table, please do so in the following manner: from side (1) load less than or equal to 1/2 of the loading capacity (see table), and from side (2) load less than or equal to 1/4 of the loading capacity (see table)
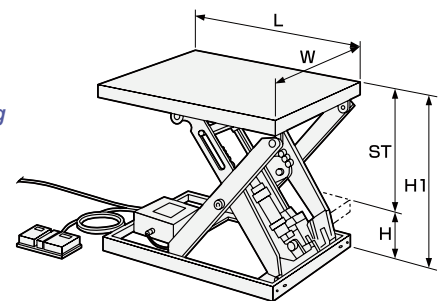
Note) Little deflection will occur.

Note) The unit cannot be used outdoors, or in places that are dusty, with high temperature and humidity, or in temperatures (0°C or below).

MLP-150-45

During Lowering

*The control box is located outside unit.

Load capacity: 220 / 330 lbs

Unit: inch

	Model	Load capacity	Table dimensions (W × L)	Stroke (ST)	Table height (H to H1)	Lifting duration in seconds Unloaded to loaded	Lowering duration in seconds Unloaded to loaded	Usage frequency	Deadweight	Motor Output Watts
Standard	MLP-100-47	220 lbs	15.7"×28.3"	19.4"	3.4" to 22.8"	Approx. 10	Approx. 10	30 times / hour	79 lbs	70
	MLP-100-58		20.5"×33.5"						93 lbs	
	MLP-150-45	330 lbs	15.7"×19.7"	13.5"	3.4" to 16.9"				68 lbs	
	MLP-150-56		20.5"×24.8"						77 lbs	
Bellows	MLP-100-58J	220 lbs	20.5"×33.5"	19.4"	3.4" to 22.8"	Approx. 10	Approx. 10	30 times / hour	104 lbs	
	MLP-150-56J	330 lbs	20.5"×24.8"	13.5"	3.4" to 16.9"				86 lbs	

* Bellows cannot be installed in a standard type.