Mechanical Lift (Ball Screw, Electric Type)

MLSB
Ultra-low & Slim Type

It's possible to directly place a hand-pushed cart or a flat cart currently in use on top of the lift. Work can be more efficient since there is no need to pile up items over again on the table lift.

MAJOR FEATURES OF THE MLSB SERIES
- Ultra-low platform
- Stand-alone unit
- Foot switch: 78.7 in.
- High-pressure hose: 78.7 in.
- Power cord: 157.9 in.
- Maximum usage frequency: 30 times per hour

After the lifter powers up, the lifter remembers the maximum and minimum position based on the first signals of the limit switch. On the succeeding operation, the lifter will stop at about 0.2 in lower than the maximum position during lifting and about 0.1 in higher than the minimum position when lowering.

When the table is raised from the lowest position to the highest position, the table shifts up to 1.1 in. in the longitudinal direction (direction of L).

Load capacity: 220 lb

<table>
<thead>
<tr>
<th>Model</th>
<th>Load capacity</th>
<th>Table dimensions (W × L)</th>
<th>Stroke (ST)</th>
<th>Table height (H to H1)</th>
<th>Lifting duration (s)</th>
<th>Lowering duration (s)</th>
<th>Deadweight</th>
</tr>
</thead>
<tbody>
<tr>
<td>MLSB-100-007</td>
<td>220 lb</td>
<td>7.9&quot; × 27.6&quot;</td>
<td>19.6&quot;</td>
<td>3.2&quot; to 22.8&quot;</td>
<td>12</td>
<td>12</td>
<td>62 lb</td>
</tr>
<tr>
<td>MLSB-100-2507</td>
<td>220 lb</td>
<td>9.8&quot; × 27.6&quot;</td>
<td>19.6&quot;</td>
<td>3.2&quot; to 22.8&quot;</td>
<td>12</td>
<td>12</td>
<td>66 lb</td>
</tr>
<tr>
<td>MLSB-100-2009</td>
<td>220 lb</td>
<td>11.8&quot; × 27.6&quot;</td>
<td>25.5&quot;</td>
<td>3.2&quot; to 28.7&quot;</td>
<td>15</td>
<td>15</td>
<td>71 lb</td>
</tr>
<tr>
<td>MLSB-100-2509</td>
<td>220 lb</td>
<td>9.8&quot; × 35.4&quot;</td>
<td>25.5&quot;</td>
<td>3.2&quot; to 28.7&quot;</td>
<td>15</td>
<td>15</td>
<td>75 lb</td>
</tr>
<tr>
<td>MLSB-100-3009</td>
<td>220 lb</td>
<td>11.8&quot; × 35.4&quot;</td>
<td>25.5&quot;</td>
<td>3.2&quot; to 28.7&quot;</td>
<td>15</td>
<td>15</td>
<td>80 lb</td>
</tr>
</tbody>
</table>

* When the table is raised from the lowest position to the highest position, the table shifts up to 1.1 in. in the longitudinal direction (direction of L).

Note: After the lifter powers up, the lifter remembers the maximum and minimum position based on the first signals of the limit switch. On the succeeding operation, the lifter will stop at about 0.2 in lower than the maximum position during lifting and about 0.1 in higher than the minimum position when lowering.

Web: www.bandcip.com | Phone: 888-276-3386 | Fax: 260-357-0889 | Email: sales@bandcip.com

MLP
Mini Type
Using IPM Motor

Long Service Life and High Output by Adopting the IPM Motor

MAJOR FEATURES OF THE MLP SERIES
- IPM motor
- Vector control
- Dry ball screw cylinder
- No oil leaks
- No hydraulic drift
- 110 V single-phase power supply
- Built-in unit
- Maximum starting frequency 10 times per minute
- Maximum/minimum limit switch
- Foot switch with LED Cord: 78.7 in
- Power cord: 118.1 in
- Enhanced rigidity with cam-type cylinder head
- Enhanced durability by strengthening the axis
- Belows type full cover (with J at the end)

Load capacity: 551 / 1102 / 2204 lb

<table>
<thead>
<tr>
<th>Model</th>
<th>Load capacity</th>
<th>Table dimensions (W × L)</th>
<th>Stroke (ST)</th>
<th>Table height (H to H1)</th>
<th>Lifting duration (s)</th>
<th>Lowering duration (s)</th>
<th>Usage frequency</th>
<th>Deadweight</th>
</tr>
</thead>
<tbody>
<tr>
<td>MLP-250-47</td>
<td>551 lb</td>
<td>15.7&quot; × 28.3&quot;</td>
<td>23.5&quot;</td>
<td>4.0&quot; to 27.5&quot;</td>
<td>Approx. 20</td>
<td>Approx. 20</td>
<td>15 times / hour</td>
<td>109 lb</td>
</tr>
<tr>
<td>MLP-250-2009</td>
<td>551 lb</td>
<td>20.5&quot; × 33.5&quot;</td>
<td>23.5&quot;</td>
<td>4.0&quot; to 27.5&quot;</td>
<td>Approx. 20</td>
<td>Approx. 20</td>
<td>15 times / hour</td>
<td>110 lb</td>
</tr>
<tr>
<td>MLP-250-610V-12</td>
<td>2204 lb</td>
<td>25.6&quot; × 47.2&quot;</td>
<td>32.1&quot;</td>
<td>5.4&quot; to 37.5&quot;</td>
<td>Approx. 15</td>
<td>Approx. 15</td>
<td>15 times / hour</td>
<td>397 lb</td>
</tr>
</tbody>
</table>

* Belows cannot be installed in a standard type.

Note: After the lifter powers up, the lifter remembers the maximum and minimum position based on the first signals of the limit switch. On the succeeding operation, the lifter will stop at about 0.2 in lower than the maximum position during lifting and about 0.1 in higher than the minimum position when lowering.

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: Few subductions 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).

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MLP-250-47