MLU VI
Multi Magazine Line Unloader

- Reliable PCB line unloader with integrated magazine changer
- Ideal for fast running lines
- Silent operation
- Lean design - optimized footprint
- User friendly interface - Color touchscreen
- Easy reconfiguration
- Integrated diagnostic tool
- Welded steel frame
**MLU VI**  
Multi Magazine Line Unloader

<table>
<thead>
<tr>
<th>PCB Specification</th>
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</thead>
<tbody>
<tr>
<td>PCB Width:</td>
<td>80 - 310 mm</td>
</tr>
<tr>
<td>PCB Length:</td>
<td>80 - 387 mm</td>
</tr>
<tr>
<td>PCB Ratio:</td>
<td>0,8 (length ≥ 0,8 x width)</td>
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<tr>
<td>PCB Thickness:</td>
<td>0,8 - 4 mm</td>
</tr>
<tr>
<td>Component height (top side):</td>
<td>max. 100 mm</td>
</tr>
<tr>
<td>Component height (bottom side):</td>
<td>max. 25 mm (including warpage)</td>
</tr>
<tr>
<td>PCB Edge support:</td>
<td>2,0 - 4,5 mm</td>
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<tr>
<td>PCB Weight:</td>
<td>2,5 kg</td>
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</tbody>
</table>

**Process Specification**

- Standard magazine type: CAB 703
- Number of magazines: 6 (3 + 2 + 1)  
- Pitch: Programmable to the pitch of the magazine  
- Magazine exchange time: 26 sec

**Technical Specification**

- PCB Exchange time: 9 sec  
- PCB Transport speed: 100 - 700 mm/sec  
- Transport height: 870 - 990 mm  
- Transport direction: L ⇒ R, R ⇒ L (to be specified at time of order)  
- Protection screens: ESD Safe  
- Controller: OMRON  
- Energy requirements: 230 V ±10%, 50 Hz - 208 V ±10%, 80 Hz - 400 VA  
- Compressed air: 6 bar - 20% bar, 80 l/min, according to DIN ISO 8573 3.4.5  
- Color: RAL 7035 ESD  
- Dimensions (L x D x H): 2,955 x 690 x 1,840 mm  
- Weight: 390 kg  
- Interface: SMEMA  
- Standards: CE Approved

**Options**

- Automatic width adjustment  
- Cooling  
- Other Magazine types (Mikiplastic)  
- Electrical pusher  
- Pressure controlled pusher  
- Open / Close mechanism  
- Bottom clamping  
- Automatic switch between 2 magazine types  
- Backside loading