Single-plate surface lapping machine for precision lapping and polishing of surfaces from components such as:

- Valve parts (valve disks and wedges)
- Compressor parts
- Mechanical seals of pumps

Design:

- Grooved lapping plate made of high density cast iron
  (Optional other materials)
- Conditioning rings made of cast iron
- Tubular steel construction of machine base
- Three adjustable roller guide arms with guide rolls
- Work table vertically adjustable
- Timer (0 – 60 min) included
- Drive with infinite Speed setting via Frequency Converter
- Lapping compound mixing facility with adjustable feeding system.

The lapping plate is continuously fed with lapping mixture via a pump system. The Volume of the lapping mixture fed is precisely adjustable by the pump speed.
SINGLE-PLATE SURFACE LAPPING MACHINES

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Type: Lapping wheel: Max. work piece: Lapping Drive:

<table>
<thead>
<tr>
<th>Type</th>
<th>Lapping wheel: mm/Inch</th>
<th>Max. work piece: mm/Inch</th>
<th>Lapping wheel speed:</th>
<th>Drive: kW</th>
</tr>
</thead>
<tbody>
<tr>
<td>ULM 400</td>
<td>Ø 420 mm / 16,50”</td>
<td>Ø 160 mm / 6,30”</td>
<td>15–100 rpm</td>
<td>0,55 kW</td>
</tr>
<tr>
<td>ULM 600</td>
<td>Ø 620 mm / 24,40”</td>
<td>Ø 250 mm / 9,85”</td>
<td>8–70 rpm</td>
<td>3 kW</td>
</tr>
<tr>
<td>ULM 900</td>
<td>Ø 920 mm / 36,20”</td>
<td>Ø 380 mm / 14,96”</td>
<td>7–50 rpm</td>
<td>7,5 kW</td>
</tr>
<tr>
<td>ULM 1200</td>
<td>Ø 1220 mm / 48,00”</td>
<td>Ø 510 mm / 20,00”</td>
<td>7–40 rpm</td>
<td>11 kW</td>
</tr>
<tr>
<td>ULM 1500</td>
<td>Ø 1510 mm / 59,45”</td>
<td>Ø 625 mm / 24,60”</td>
<td>7–40 rpm</td>
<td>11 kW</td>
</tr>
</tbody>
</table>

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