**Multi-Head Welding Machine SMK 506 6-/8-Head**

**Characteristic features:**
- High-quality machine construction
- Welding in diagonal feed
- Integrated frame tool
- Optional V-transom welding, transom butt welding or transom trapezium welding is possible
- Electronic positioning of welding heads
- High-quality flat guidances are assembled on movement axes
- Easy and quick change of the welding tools
- Weld seam limitation adjustable from 0.2 to 2 mm
- Well accessible heating plates at corner and transom units
- Own drive of the transom units assures optimal positioning and dimensional accuracy
- Die carrier of transom unit with electromotive adjustable axis
- PC-control
- Automatical frame off-transport
- Quick change device for welding foil
- Drive for a cooling station
- On delivery at the same time: Data transfer to ROTOX corner cleaners with PC-control

**Optional extras:**
- Wide transom unit for welding of 2 elements one behind the other
- Weld seam limitation adjustable automatically from 0.2 to 2 mm
- Multifunction welding heads (for example screwing of thres holds)
- Automatical die carrier displacement ideal for welding of frame combinations
- Double stacking welding (Only corner units)
- Electrical profile bar cutting control
- Gasket form units
- Barcode-scanner
- Further options on inquiry

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**Technical Data:**

<table>
<thead>
<tr>
<th>SMK 506-6</th>
<th>SMK 506-8</th>
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</thead>
<tbody>
<tr>
<td><strong>Power (kW):</strong></td>
<td>12</td>
</tr>
<tr>
<td>** Voltage (V):**</td>
<td>400</td>
</tr>
<tr>
<td><strong>Operation pressure (bar):</strong></td>
<td>6</td>
</tr>
<tr>
<td><strong>Air consumption per welding (NL):</strong></td>
<td>ca. 200</td>
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<tr>
<td><strong>Maxim. profile width (mm):</strong></td>
<td>140</td>
</tr>
<tr>
<td><strong>Profile height (mm):</strong></td>
<td>45 - 160 (200&quot;)</td>
</tr>
<tr>
<td><strong>Min. window dimension w x d (mm)*:</strong></td>
<td>440 x 460</td>
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<tr>
<td><strong>Max. window dimension w x d (mm)</strong>:</td>
<td>3000 x 4000</td>
</tr>
<tr>
<td><strong>Weight (kg) (on base 3000 x 2500):</strong></td>
<td>3400</td>
</tr>
</tbody>
</table>

* (depending on construction, dimension and option)
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Examples of welding dimensions (in mm):
- Welding dim. w x d: 2500 x 2500, 2500 x 3000, 2500 x 4000, 3000 x 3000, 3000 x 3500, 3000 x 4000
- Machine dim. W x D: (approx. machine outer dimensions without fences) 4800 x 4000, 4800 x 4500, 4800 x 5500, 5300 x 4500, 5300 x 5000, 5300 x 5500

Processing possibilities (partly as options):
- 4 corners
- 4 corners + max. 2 transoms
- 2 windows
- 1 window
- U-welding
- screwing of thres holds
- pre-welded grid

Visualisation
- Option: Double Stacking Welding (Only corner units)

Layout Example:

Examples of welding dimensions (in mm):