Inkjet for Solder Mask
Made in Germany
Inkjet Printing for Solder Mask
Saves time & money | Reduces materials usage | Reduces number of process steps

- Prints one side in less than 40 seconds
- Fully digital - no artwork needed
- Fast turnaround time
- Less process steps
- Less floor space
- Less material consumption
- No developer and stripper chemistry
- No waste chemistry
- Saves the environment
- Better solder mask adhesion
- No mask in holes
- No mask on pads
- No satellites
- High repeatability
- Small and reliable dams
- Adjustable thickness
**Process Description**

Straightforward process flow

1. **Input**
   - Panel data: gbr data, odb++ data
   - Additional data: Cooper thickness, Panel thickness, Layers to print

2. **Preparation**
   - n.jet cam station: Automatic data preparation for the inkjet printer
   - Automatic job generation & transfer
   - Pre-defined sample print jobs: According to manufacturers specific requirements

3. **Printing**
   - Ready to print
## Dimensions & Specifications

### Front View

<table>
<thead>
<tr>
<th>Item</th>
<th>2200 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>2000 mm</td>
</tr>
</tbody>
</table>

### Side View

<table>
<thead>
<tr>
<th>Item</th>
<th>3000 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td></td>
</tr>
</tbody>
</table>

### Specifications

<table>
<thead>
<tr>
<th>Item</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum print size</td>
<td>610mm x 610mm (24” x 24”)</td>
</tr>
<tr>
<td>Minimum feature size</td>
<td>80µm 1)</td>
</tr>
<tr>
<td>Minimum Opening</td>
<td>30µm</td>
</tr>
<tr>
<td>Print speed 24” x 18”</td>
<td>40 s</td>
</tr>
<tr>
<td>Power supply</td>
<td>400V, 3P, N, PE, 16A</td>
</tr>
<tr>
<td>CDA</td>
<td>6 to 8 bar, low volume</td>
</tr>
<tr>
<td>Weight</td>
<td>3500 kgs</td>
</tr>
</tbody>
</table>

1) Depending on Ink