NOTION SYSTEMS

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

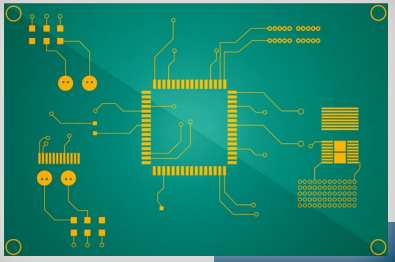
- Less process steps
- Less floor space
- Less material consumption
- No developer and stripper chemistry
- No waste chemistry
- Saves the environment

- Better solder mask adhesion
- No mask in holes
- No mask on pads
- No satellites
- High repeatability
- Small and reliable dams
- Adjustable thickness

Process Description

Straight forward process flow

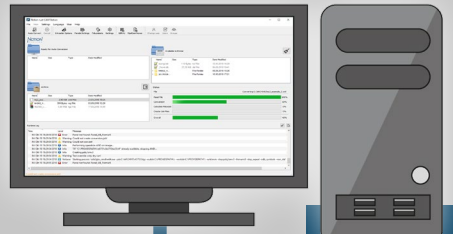
1 Input



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

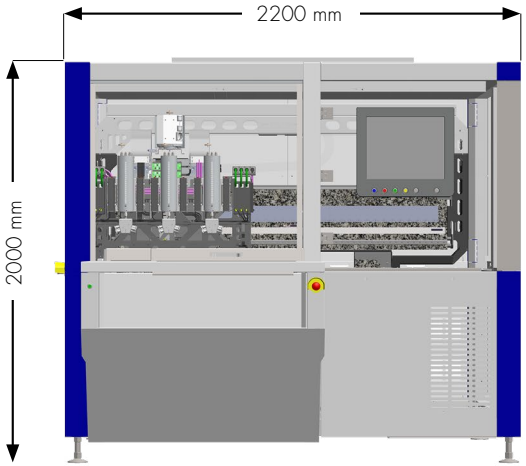
Pre-defined sample print jobs
According to manufacturers
specific requirements

3 Printing

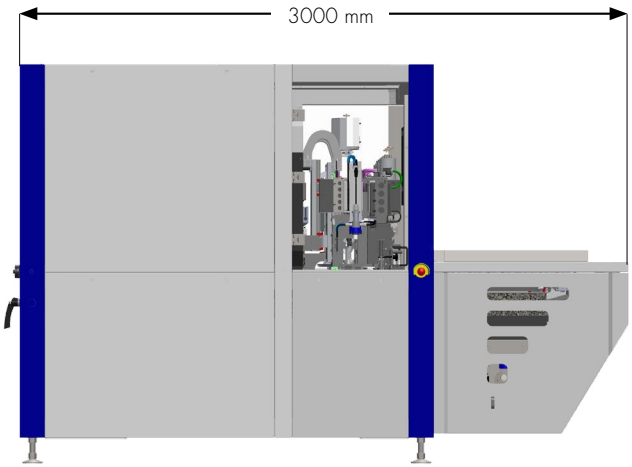
Ready to print

Dimensions & Specifications

Front View



Side View



Item	n.jet solder mask
Maximum print size	610mm x 610mm (24" x 24")
Minimum feature size	80µm [1]
Minimum Opening	30µm
Print speed 24" x 18"	40 s
Power supply	400V, 3P, N, PE, 16A
CDA	6 to 8 bar, low volume
Weight	3500 kgs

1) Depending on Ink