



TECHNOLOGICAL CAPABILITIES OF PCBA

SMT PRINTING

WITHOUT STENCILS

Automatic paste repair	
Print precision	24 µm
Minimum point size	300 µm
Maximum panel size for our machine	508 x 508 mm
Circuit thickness	0,1 mm -> 6,0 mm
Built-in optical paste control	✓
Printing of glue	✓
Printing of lead-free paste	✓
Printing of leaded paste	✓
Replacing the product for assembly	1 min

SMT ASSEMBLY

Trolleys used for material ALLOW A FAST REPLACEMENT OF PRODUCTS

Speed of assembly	26.000 components per hour
Accuracy	±0,01 mm
Minimum component	01005 (0,4 x 0,2 mm)
Maximum component	75 x 75 mm
Thickness of PCBs	0,1 mm -> 6,0 mm
Maximal panel size for our machine	500 x 400 mm

SMT OPTICAL INSPECTION

3D optical inspection	✓
Maximum panel size for our machine	500 x 400 mm
Camera	15 mega Pixel
Resolution	10 µm
Minimum component	01005 (0,4 x 0,2 mm)

*Vedno korak naprej.
Always a step further.*

THT WAVE SOLDERING

Maximum panel size for our machine	500 x 400 mm
Production of 3D soldering masks	✓
Lead-free solder	✓

PREPARATION OF COMPONENTS

Robotic count of components	✓
Designing THT LED diodes for height soldering	✓
Robotic cutting of THT capacitors	✓
Tracking of components by series	✓

FUNCTIONALITY TEST

Creating a test device	✓
Creating a test protocol	✓
Testing of products	✓
Calibration of products	✓
Programming of PCBs	✓

