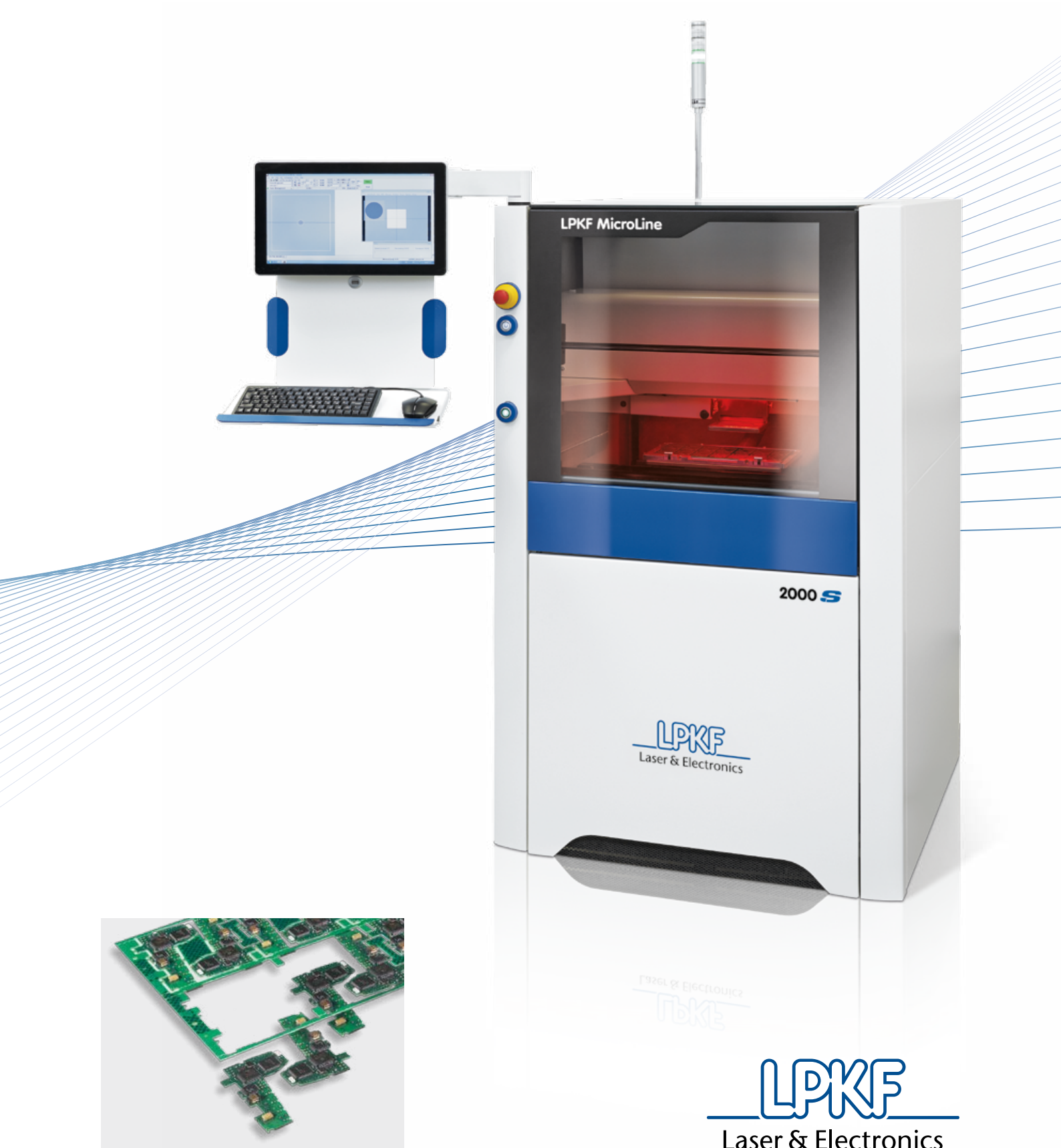


# UV Laser for Depaneling of Rigid and Flexible PCBs

## LPKF MicroLine 2000 S



## Shorter Product Pipelines

Just click on the layout files instead of manufacturing expensive tools – that's how easy the LPKF MicroLine 2000 S can be employed to process different products. Users enjoy cutting edge competitive advantages thanks to the very high quality and flexible production planning. The MicroLine 2000 S systems are remarkably compact, easy to operate, with a very good price performance ratio – a welcome addition to the electronic production team.

### Technical Data: LPKF MicroLine 2000 S

<b>Laser class</b>	1
<b>Max. working area (X x Y x Z)</b>	350 mm x 350 mm x 11 mm (13.8" x 13.8" x 0.4")
<b>Max. recognition area (X x Y)</b>	300 mm x 300 mm (11.8" x 11.8")
<b>Max. Material Size</b>	350 mm x 350 mm (13.7" x 13.7")
<b>Data input formats</b>	Gerber, X-Gerber, DXF, HPGL, Sieb & Meier, Excellon, ODB ++
<b>Max. structuring speed</b>	Depends on application
<b>Positioning accuracy</b>	± 25 µm (1 mil)
<b>Diameter of focussed laser beam</b>	20 µm (0.8 mil)
<b>Laser wavelength</b>	355 nm
<b>System dimensions (W x H x D)</b>	875 mm x 1530 mm x 1300 mm (34.5" x 60.2" x 51.2")*
<b>Weight</b>	~ 450 kg (990 lbs)
<b>Operating conditions</b>	
<b>Power supply</b>	230 VAC, 50 – 60 Hz, 3 kVA
<b>Cooling</b>	Air-cooled (internal water-air cooling)
<b>Ambient temperature</b>	22 °C ± 2 °C @ ± 25 µm / 22 °C ± 6 °C @ ± 50 µm (71.6 °F ± 3.6 °F @ 1 Mil / 71.6 °F ± 10.8 °F @ 2 Mil)
<b>Humidity</b>	< 60 % (non-condensing)
<b>Required accessoires</b>	Exhaust unit, production fixture

\* Height incl. StatusLight = 2020 mm (79.5")

**MicroLine 2000 S systems feature multiple variations: MicroLine 2120 S (10 watt laser source), MicroLine 2820 S (15 watt laser source) and MicroLine 2920 S (18 watt laser source).**

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