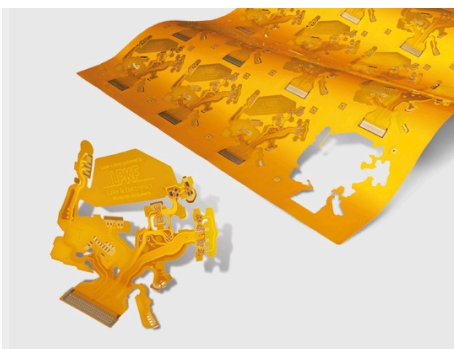
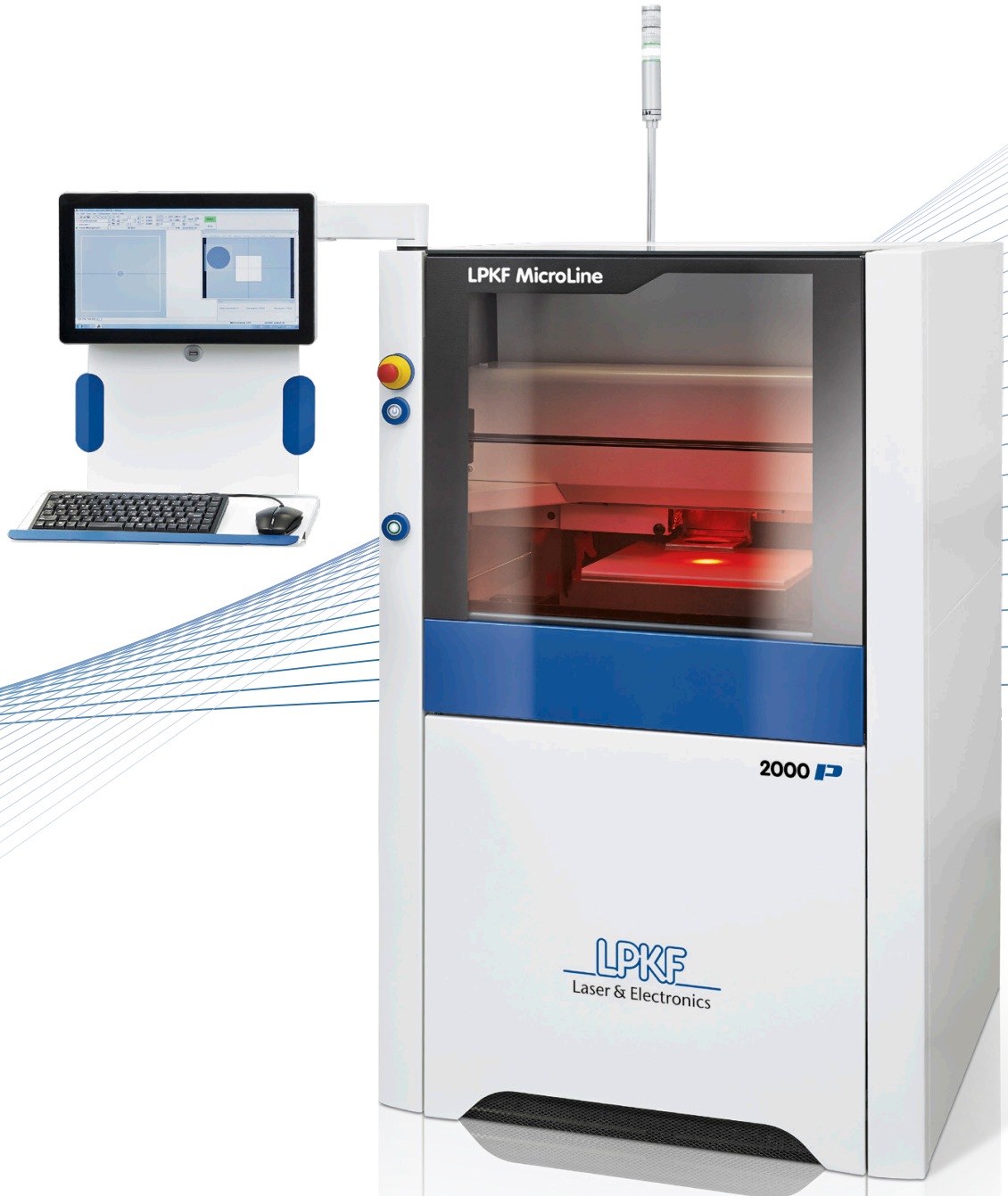


Laser Depaneling of Rigid and Flexible PCBs

LPKF MicroLine 2000 P



Shorter Product Pipelines

Just click on the layout files instead of manufacturing expensive tools – that's how easy the LPKF MicroLine 2000 P 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 P systems are remarkably compact, easy to operate, with a very good price performance ratio – a welcome addition to the electronic production team.

The choice of available laser sources for the MicroLine 2000 platform has been expanded by a high power option for increased cutting performance.

Technical Data: LPKF MicroLine 2000 P	
Laser (class 1)	Power 10 W, 15 W, 27 W, 36 W, wavelengths 355 nm, 532 nm, ns pulse duration
Working area (X x Y x Z)*	350 mm x 350 mm x 11 mm (13.8" x 13.8" x 0.4")
Hight of assembly (top / bottom)	27 mm / 5 mm (1.1" / 0.2")
Positioning accuracy	± 25 µm (1 mil) @ 22 °C ± 2 °C (71.6 °F ± 3.6 °F)
Diameter of focussed laser beam	20 µm (0.8 mil)
System dimensions (W x H x D), weight	875 mm x 1530 mm x 1300 mm (34.5" x 60.2" x 51.2")**, ~ 450 kg (990 lbs)
Operating conditions	
Facility requirements	230 VAC, 50 – 60 Hz, 3 kVA, 0.6 MPa (87 PSI), 15 l/min
Required accessories	Exhaust unit
Optional accessories	LPKF PinTable, production fixture, MES connection, SMEMA interface

* Max. recognition area (X x Y): 300 mm x 300 mm (11.8" x 11.8")

** Height incl. status light: 2020 mm (79.6")

MicroLine 2000 P systems feature multiple variations: MicroLine 2110 P (10 Watt laser source), MicroLine 2115 P (15 Watt laser source), MicroLine 2127 P (27 Watt laser source) and MicroLine 2236 P (36 Watt laser source).



LPKF Service & Support

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