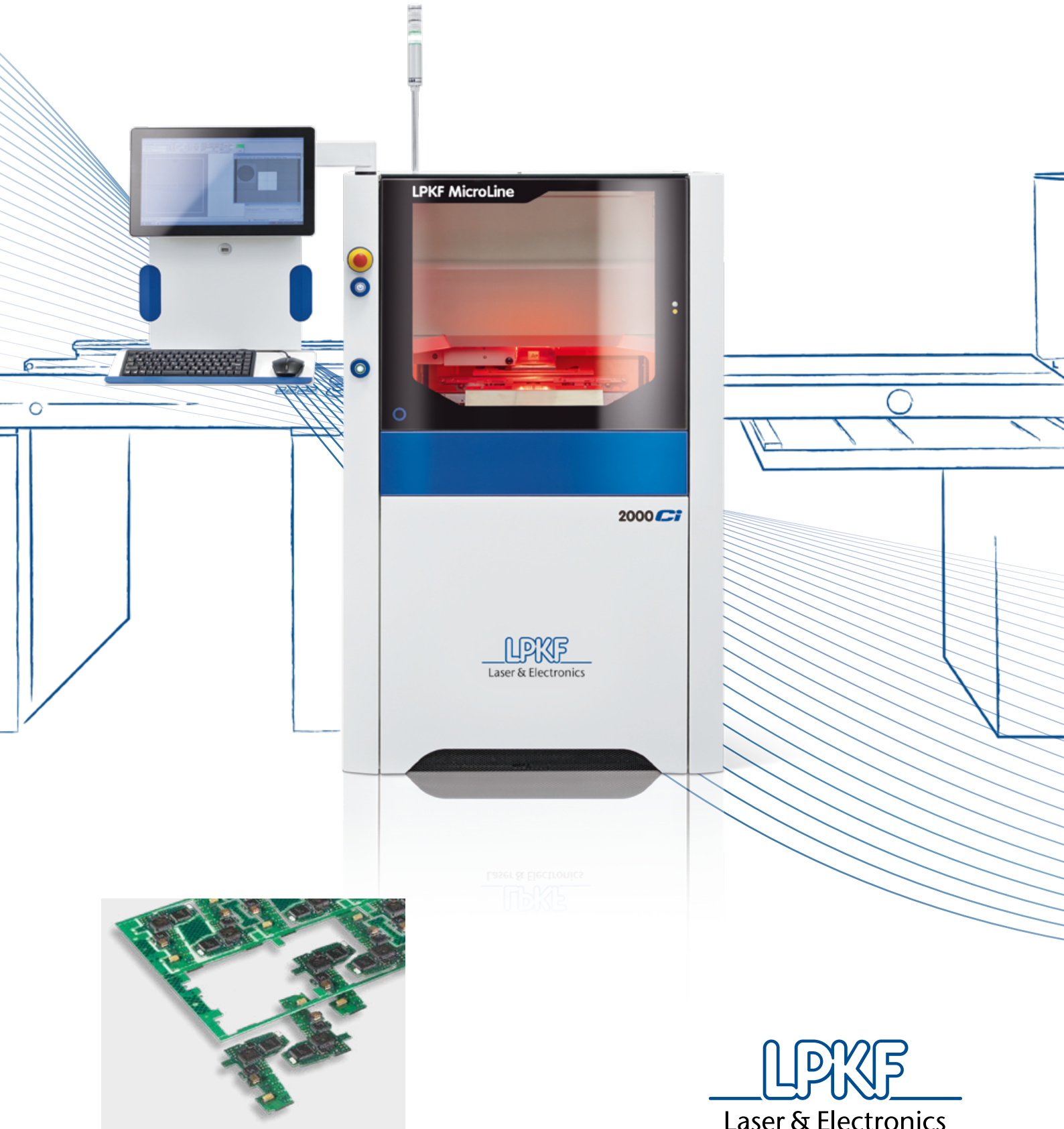


Automated Laser Depaneling of Rigid and Flexible PCBs

LPKF MicroLine 2000 Ci



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Shorter Product Pipelines

Just click on the layout files instead of manufacturing expensive tools – that’s how easy the LPKF MicroLine 2000 Ci 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 Ci 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 Ci

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)*	300 mm x 250 mm x 11 mm (11.8" x 9.8" x 0.4")
Height of assembly (top / bottom)	27 mm / 7 mm (1.1" / 0.3")
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, external conveyor, production fixture, SMEMA interface
Optional accessories	Conveyor vacuum supporting plate, MES connection

* Max. recognition area (X x Y): 300 mm x 250 mm (11.8" x 9.8")

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

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



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