

NEW

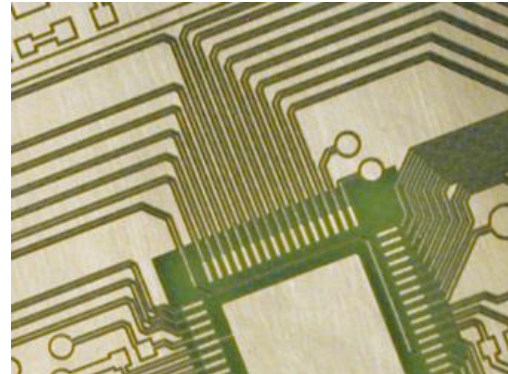


Technodril 3 Key features

- **Real 3 axis - 3 D**
- Free passage under Z axis 90 mm
- Working table 380 x 500 mm
- Spindle control via the software
- Multi-purpose CNC machine, dedicated to milling and drilling PCB with high reliability.
- Perfect also for front panels, labelling, cutting, dispensing
- Easy learning
- Can accept various types of CAO and CFAO files*
- Step by step motor
- Software GALAAD 3 (with free uploads) as standard
- Integrated electronic
- Protection cover as standard
- Tool sensor as standard
- Lot of accessories available

* Accepts files HPGL, ISO, EXCELLON, GERBER, GCODE, DXF

Description	Item Code
TECHNODRILL 3 – Industrial version	U9 00100
TECHNODRILL 3 – Educational version	U9 00120



Technical characteristics **TECHNODRILL 3**

Interpolation	3 axis – 3 D
Passage under Z axis	90 mm
Axes X, Y, Z under tool	390 x 315 x 60 mm
Working table	380 x 500 mm
Resolution	0,0015 mm (0,059 mil*), microsteps
Reproductibility	+/- 0,005 mm (0,2 mil*)
Spindle power	800 W
Spindle speed	10000 to 24000 rt/mn, cooling by air and regulated by software
Chuck	3,17 - 8 mm
Mini. track depth	0,10 mm
Mini. track isolation	0,10 mm
Moving speed	100 mm/s maxi
Motor X, Y, Z	3 motors step by step 1/2 to 1/16 steps (3200 rd/mn) by adjustable turn (microstep)
Frequency	Up to 200 KHz
Table	T aluminium baseplate
Supply	220 V – 50 Hz - 5A
Net weight	76 Kg
Ext. dimensions L x l x H	800 x 700 x 590 mm
Tool positioning	Included as standard
Protection cover	Included as standard
Delivered with	Software GALAAD 3 (Free updating) as standard
Version	Multi-installations use from network
Minimal configuration	All Windows® versions
Description	3D software including « milling » of PCB. Compatible with many machines CAO & CFAO software. Accepts HPGL, ISO, EXCELLON, GERBER, GCODE, DXF files.

1 mil = 25,4 mm / 1000 = 0,0254 mm