



NEW

Technodril 2 Key features

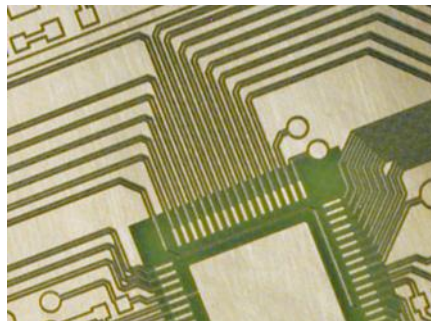
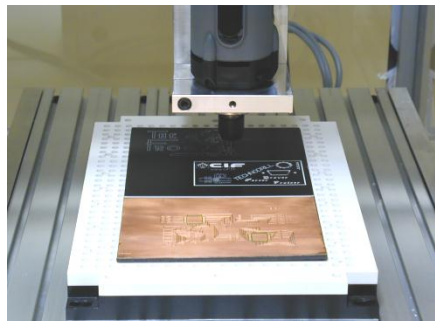
- **Real 3 / 4 axes - 3 D**
- Free passage under Z axis **360 x 535 x 90 mm**
- Multi purpose CNC machine, dedicated to milling and drilling PCB with high reliability.
- Perfect for front panels, labelling
- Easy learning
- Can accept various types of CAO and CFAO files*
- Step by step motor
- Software GALAAD 3 (with free uploads)
- Integrated electronic, micro ship 32 bits
- Tool sensor (can be taken out for the version XL)
- **Lot of accessories**

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



The Professional Tools

Description	Item Code
TECHNODRILL – Industry version	C11020.1
TECHNODRILL – Education version	C11000.1



Technical characteristics	TECHNODRILL 2
Interpolation	3 & 4 axes – 3 D
Free passage under Z axis	360 x 535 x 90 mm
Axes X, Y, Z	300 x 340 x 73 mm
Working table	360 x 535 mm
Resolution	0,0025 mm (0,1 mil*)
Reproductibility	+/- 0,005 mm (0,2 mil*)
Spindle power	800 W
Spindle speed	10000 to 29000 rt/min
Chuck	3,17 - 8 mm
Moving speed	50 mm/s maxi
Motor X, Y, Z	Motors step by step 1/2 to 1/8 steps by adjustable turn (microstep) Ball vice and precise screw
Frequency	Up to 50 KHz
Table	T aluminium baseplate
Supply	220 V – 50 Hz - 0,8 A
Net weight	45 Kg
Ext. dimensions L x l x H	600 x 780 x 680 mm
Tool positioning	Included
Cover	In option
Delivered with	Software GALAAD 3 (Free updating)
Version	Multi-installations use from network
Minimal configuration	486DX –50 MHz 80 Mo RAM up to XP PRO
Description	3D software including « milling» of PCB. Compatible with many machines CAO & CFAO software. Accepts HPGL, ISO, EXCELLON, GERBER, GCODE, DXF files.

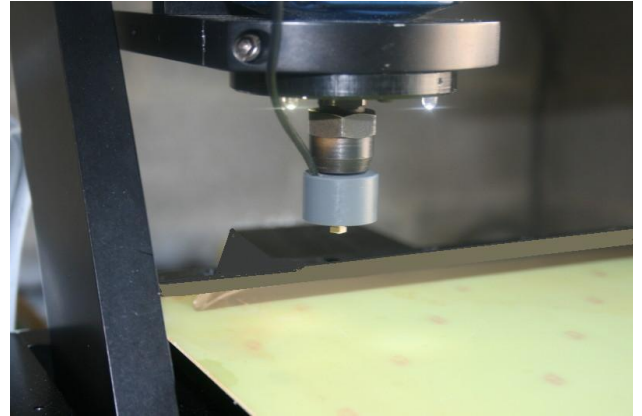
* 1 mil = 25,4 mm / 1000 = 0,0254 mm



ACCESSORIES & OPTIONS FOR TECHNODRILL 2

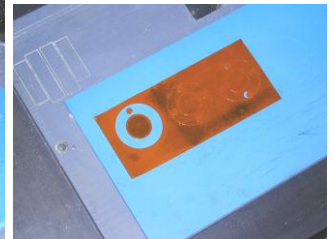
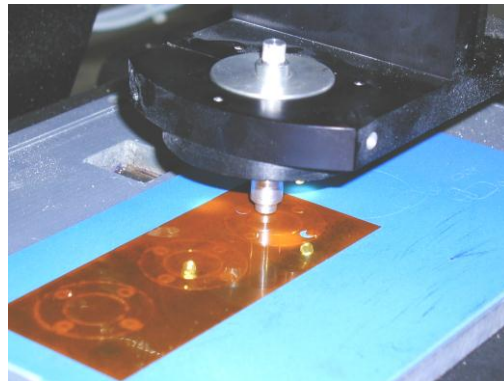
SENSOR OF FLATNESS – code U700019

- Automatic correction of the axis Z for uneven substrate
- Real-time electronic correction
- Compatible with Technodrill, serial 2009 and more



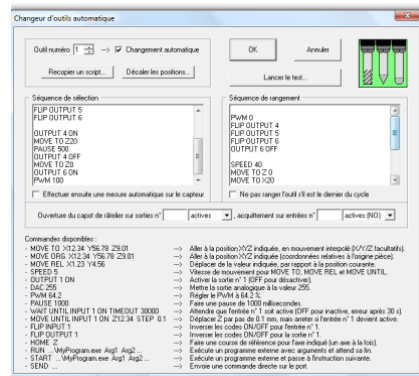
HEAD OF CUT – code U700018

- Accessory for the cut of flexible supports such as vinyl, adhesive letters, flex-rigid PCB,...
- The blade of cutter is placed on pivot
- Very easy to place on the machine



AUTOMATIC CHANGE OF TOOLS code U700013

- For 5 tools. Delivered complete with chuck 3 – 3,17 mm & 6 mm.
- Pneumatic spindle 600 W, 28000 rt/mn
- Controller included
- Possibility to place 10 to 15 tools



CAMERA – code U700014

- Aid for locating, control
- HD model, colour
- Autofocus
- USB port

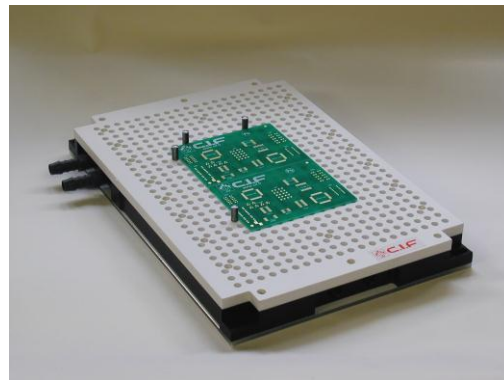


The Professional Tools

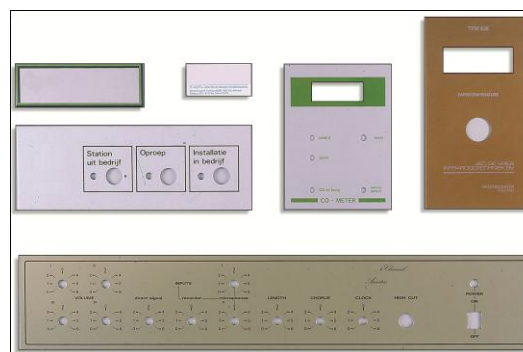
ACCESSORIES & OPTIONS FOR TECHNODRILL 2

VACUUM BASEPLATE – code U700012

- Ideal for the fast fixation of piece on the machine
- Working area 205 x 310 mm
- Connection through vacuum cleaner or vacuum pump



ENGRAVING MATERIAL FOR FRONT PANEL, SAFETY, LABEL



Plastic (ABS) with 2 colors for engraving. Thickness 15/10e with adhesiv support on the backside

Color Black on White - N/B

- U800100 Grav.cif N/B, ft 200 x 310 mm, 4 pieces
 U800101 Grav.cif N/B, ft 310 x 400 mm, 2 pieces
 U800102 Grav.cif N/B, ft 310 x 600 mm, 1 piece

Color Silver on Black - A/N

- U800105 Grav.cif A/N, ft 200 x 310 mm, 4 pieces
 U800106 Grav.cif A/N, ft 310 x 400 mm, 2 pieces
 U800107 Grav.cif A/N, ft 310 x 600 mm, 1 piece

Color Yellow on Black - J/N

- U800108 Grav.cif J/N, ft 200 x 310 mm, 4 pieces
 U800109 Grav.cif J/N, ft 310 x 400 mm, 2 pieces
 U800110 Grav.cif J/N, ft 310 x 600 mm, 1 piece

Color White on Black - B/N

- U800111 Grav.cif B/N, ft 200 x 310 mm, 4 pieces
 U800112 Grav.cif B/N, ft 310 x 400 mm, 2 pieces
 U800113 Grav.cif B/N, ft 310 x 600 mm, 1 piece

- DU20 Engraving milling for plastic material, tungsten carbide, 45°, q. 3.17mm, Ø 0,32 mm, **unit**
 DU21 Engraving milling for plastic material, tungsten carbide, 45°, q. 3.17mm, Ø 0,32 mm, **by 5**

