

BUNGARD CCD/ATC PCB MILL AND ACCESSORIES FOR SALE

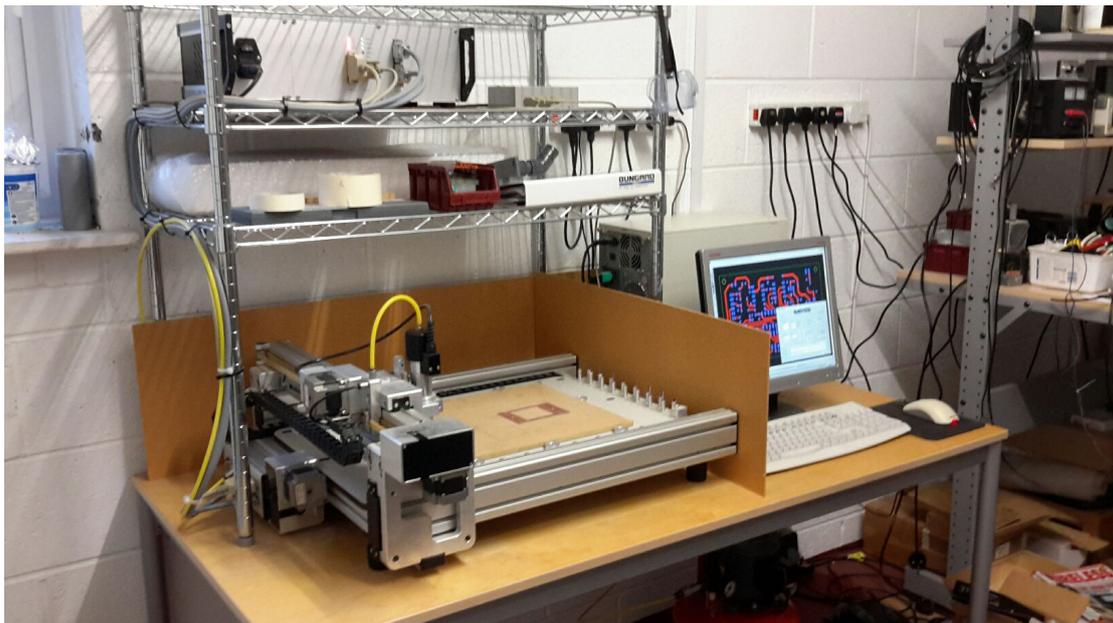
Following the closure of our business we are disposing of our PCB prototyping equipment comprising of a Bungard high end CNC/ATC milling/drilling machine with auto tool change, compressor, heavy duty guillotine, computer, software and a wide selection of router bits and drills.

This equipment is a complete high quality facility for the pre-production development and prototyping of PCBs. It is typically used by industrial, educational and research establishments.

The scope of the items included in this offer is given below.

Bungard CNC/ATC

Purchased new in 2003 this machine has had light use and as far as I can determine, is mechanically the same as the current production version. It features a 60,000 RPM Kavo spindle with compressed air operated chuck and a large 325mm x 495mm work area with 16 auto tool positions. Single sided or double sided boards may be produced with very high precision (1mil). If desired, manual tool change may be used instead of auto tool change.



The CNC is supplied with complete with control unit and PC interface. There is scope to upgrade this with a newer version for enhanced performance. A copy of ISOCAM 2000 (with licence key), which generates isolation milling data from Gerber files, and Routepro 2000 which sends drilling and milling data to the CNC are provided. A basic PC is included onto which the operating software has been installed.

The manufacturers description of the CNC/ATC may be found here;

<https://www.bungard.de/index.php/en/products/cnc-machines/ccd-2-atc>

The CNC is supplied with an extensive range of original Bungard drills and router bits, some of which are unused. A useful tutorial describing the set up and operation of the CNC/ATC is given at;

<http://www.blakerobertson.com/display/ShowFiles?moduleId=42&directoryId=292>

Compressor

A Clarke "Whisper Air" silent compressor supplies the nominal 5 bar pressure required to operate the chuck. Again, this has had light use.



Gullotine

This Bungard Ne-Cut is in first class condition and has been used only for cutting FR4 laminate. With a cutting width of 530mm it can be used for reducing large sheets to manageable sizes or, through its precision, trimming smaller boards to size. As well as FR4 it may also be used for cutting a wide range of other sheet materials such as steel, aluminium, plastic.



Supplied with cutter guard and clamp unit (unused and not shown above).

Manufacturers description of Ne-Cut guillotine;

<https://www.bungard.de/index.php/en/products/board-cutters/ne-cut>

The equipment described above is offered along with all documentation as a single lot for £3000 ovno, a fraction of it's current book price. For more information or to arrange a viewing email me at;

ron.g4gxo@gmail.com

Regards

Ron Taylor G4GXO