

# Drilling Machine



## CNC-series

- Drills and cuts round parts out of green ceramic like: capacitors, varistors, other ceramic parts
- Automatically align cuts against electrodes or fiducial marks
- Two different drilling / cutting tools installed
- Easy programming via DXF files
- Simple operation

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For quick production round multilayer shapes

## Drilling Machine CNC-series

Operator places work on to working table. Work is fixed by vacuum. Table moves below camera observing 2 to 4 alignment marks. Drilling coordinates are calculated. Machine drill parts according to the program and calculated

position. During drilling cuttings are removed by pressurised air and collected below the machine.

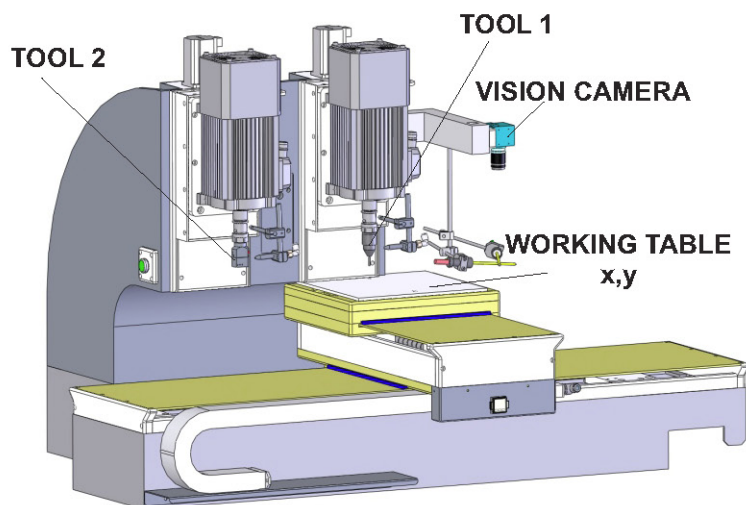
Quick tool change, easy programming based on DXF drawing ensures flexible and efficient operation.

### Technical specification:

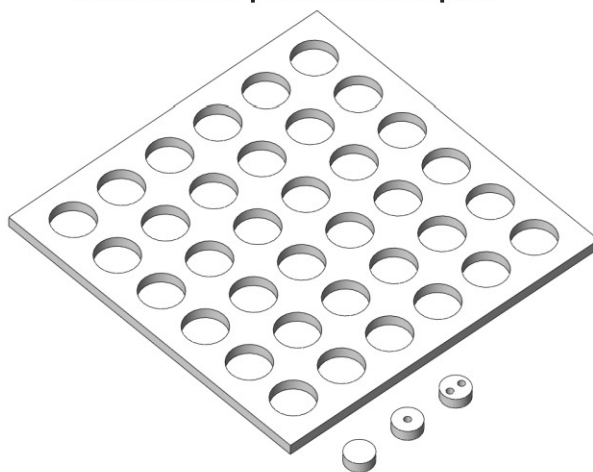
- Number of tools: 2
- Drilling range: 0.1 to 30mm, depending on tool type
- Working area: 280 x280mm
- Z stroke: 100mm
- Drilling speed: programable 1000 to 18.000 r/m
- Table moving speed: up to 400mm/s
- Positioning accuracy: 10 microns
- Control: PC
- Number vision cameras: 1
- App. dimensions: L x W x H: 2,4 m ( 94 inch) x 1,3 m ( 51 inch) x 1,9 m ( 75 inch)
- Weight: app. 1500kg
- Electricity: 3x400V, 50/60Hz, or according to the customer requirements
- Power: app. 4 kW
- Compressed air: 0,6 MPa, 200 L/min.
- Vacuum: -0.08 MPa (0.02 MPa absolute), 200 L/min.

### Options:

- vacuum pump



### Characteristic products examples



### \*How to order:

Machine type **CNC-DM2**

\* Options and other requirements have to be specified separately.

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