



**CHOSEN BY LEADING  
COMPONENT MANUFACTURERS  
WORLDWIDE**

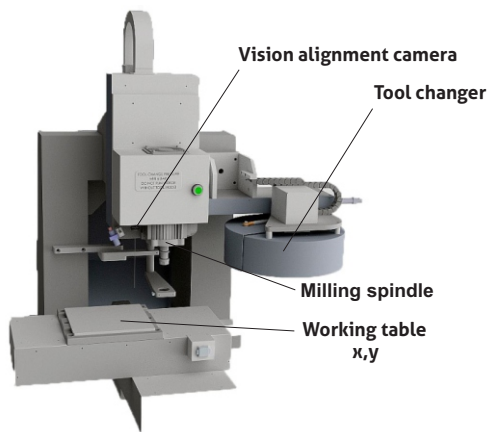
# **GREEN CERAMIC CNC MILLING MACHINE**

## **CNC-MM series**

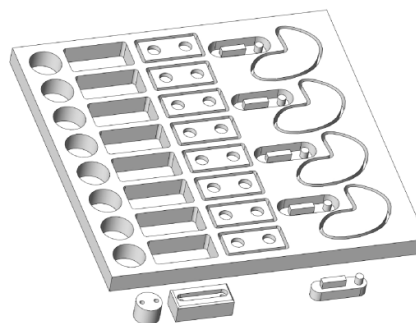


- For milling and drilling any shape out of green ceramic or other material
- Automatically align cuts against electrodes or fiducial marks
- Automatic tool changer for 8 tools
- Easy programming using standard G code and a CAM program
- Simple operation
- Special designed for green ceramic machining

**FOR QUICK PRODUCTION OF 2D  
OR 3D PARTS**



Characteristic products examples



### Basic configuration:

Operator places part on to the working table. Part is fixed by vacuum. Table moves below camera observing from 1 to many alignment marks. Milling coordinates are calculated. Machine processes parts according to the program and calculated position. During cutting cuttings are removed by pressurized air and collected by vacuum suction in the container. Any 2D file can be used as base for programming milling strategies using a standard iso G code CAM software.

Tehcnical specification	
Number of tools	8
Spindle speed	1000 to 12000 r/m
Table size	280 mm x 280 mm (11" x 11")
Working area	230 mm x 230 mm (9" x 9")
Z stroke	160 mm (6.3")
Table moving speed	up to 200 m/s
Position accuracy	10 microns
Tool holder	Er20 / SK20
Control:	PC
Number vision cameras	1
App. dimensions (L x W x H)	2200 mm x 1800 mm x 2100 mm ( 86.6" x 70.9" x 82.7")
Weight	app. 1200 kg
Electricity:	3 x 360-415V, 50/60 Hz, or according to the customer requirements
Power:	app. 6 kW
Compressed air:	0.8 Mpa, 300l/min
Vaccum cleaner:	optional
Options:	vacuum pump or factory vacuum line connection in order to reduce air consumption

How to order: \*

## CNC- MM1XX

TC - tool changer  
CNC - milling machine

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



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