



**CHOSEN BY LEADING
COMPONENT MANUFACTURERS
WORLDWIDE**

LASER CUTTING MACHINE

LCM - CNC series



- For cutting and drilling various shapes out of green, fired ceramic, metals and other material
- Vision alignment of processing against electrodes of fiducial marks
- Down to 100 μm laser beam diameter
- Easy programming from CAD drawing
- Simple operation

**SUITABLE FOR PRODUCTION AND
LABORATORY PRODUCTION**

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	
Laser source	300 W; 1500 W peak power; 30 J
	High performance compact laser cutting head
Laser spot size	100 µm
Table Size	10' x 10' (254 mm x 254 mm)
Working area	20' x 20' (508 mm x 508 mm)
Z stroke:	50 mm
Table moving speed	up to 200 mm/s
Positioning accuracy	10 microns
Control:	PC / Ethercat
Number of vision cameras	1
Types of vision alignment mode	area, single or local
App. dimensions	71.9' x 53' x 74' (1825 mm x 1345 mm x 1880 mm)
Weight app	1110 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: *

LCM-CNC xx

Working part size
CNC - Laser Cutting Machine

* Options and other requirements have to be specified separately.



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