

# MAINTEK CNC



## ECONOMIC CNC SERIES

The Best Cost-Efficient CNC Manufacturing Solutions.

Eco CNC series has wider working space with ergonomic design for furniture and advertising sectors. Moreover we offer professional solutions, able to adapt challenging working conditions, with high performance, high durability and rigid structure.

- Solution-oriented approach with well educated staff,
- High customer satisfaction with after sales services,
- Most economical solutions with high experience and technical know-how.

[www.maintek.com.tr](http://www.maintek.com.tr)



Specifications are **HUGE**



**Price** is mini



Specifications	Eco 150	Eco 210	Eco 280	Eco 320
Net Working Area:	1200 x 1500mm	1200 x 2100mm	2100 x 2800mm	1500 x 3200mm
Outer Dimensions:	1520 x 2010mm	1520 x 2610mm	2420 x 3310mm	1820 x 3710mm
Weight:	700kg±%15	800kg±%15	1500kg±%15	1500kg±%15
Z-Axis Height:	180mm (Can be enlarged on special request)			
Jog Speed:	12000 mm/dakika			
Software Precision:	0,001mm			
Motion Motors:	All Axis Nema34, 4.5Nm Step Motor (At Y Axis Double Motors)			
Motion Systems:	Y Axis: Double side rack and pinion (Special Tension System), X Axis: Rack and pinion (Special Tension System), Z Axis: 1605 Ballscrew (Professional Finishing Ball Bearings)			
Mechanical Parts:	Y Axis 4 Point, 20mm Linear Rail Guides X, and Z Axis Continuous Support Roundrail Linear Guide Systems (Power Pack: All Axis 4 Point, 20mm Linear Rail Guides)			
Body Type:	Steel Sheet, Gantry Design Precision manufacture with laser cutting and puzzle structure Special structure works without vibration (good finishing quality)			
Table:	18mm MDF			
Spindle Motor:	3kW, 18000rpm Manuel Tool Change Spindle Motor 2.2kW inverter (Siemens)			



Operating System:	PC control with USB Connection (Windows 10 supported)
Software:	Mach3
Safety:	For All Axis, Inductive Limit Switches Emergency Button
Additional Features:	Stylish and ergonomic design with oven paint Dust protection design Unbreakable Cable and Cable Ties With external control panel Stop program in case of power failure All axes can move independently of each other (Simultaneous movement) Powerful adjustable feet 1 pens and tightening nuts are gift
Manufacturing:	Materials used in our chassis are formed precisely on CNC laser benches from steel sheets. They do not cause any deterioration due to the snap-on construction and provide ease of assembly. They are quite precise. They are also extremely rigid due to welding spots. Thanks to the design allowing each axis to be mounted independently of each other with right angulation, you can achieve extremely <i>precise machining</i> and <i>excellent surface quality</i> . Please, do not mix and compare with "CNC machines, manufactured without the necessary mechanical analysis".
Workable Materials:	Solid wood (oak, elm, olive, spruce ...), MDF, MDF Lam, Chipboard, Hardboard, Hardboard Lam, Plywood, Pleksiglass, PVC, Acrilic, Polietilen, Delrin, Peek, Kestamid, Polyamid, Policarbon, Alicobond, Aluminium Sheet, Aluminium Compozit Sheet, Dekota, XPS ve EPS ...
Option List:	Power Pack Servo Motor Pack Automatic Tool Changer Dust Collector Unit (3500m <sup>3</sup> ) Handwheel



## LOOK CLOSER FOR DIFFERENCES OF MAINTEK CNC ECO SERIES

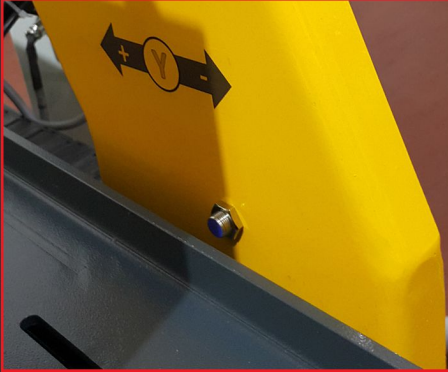


With rigid body structure and wide working area, we are able to meet your needs

With ergonomic design and table construction, milling have never been easy before.

We are transforming the speed difference offered by rack and pinion system into a smooth cut without sacrificing precision. Thanks to our spring tension system.

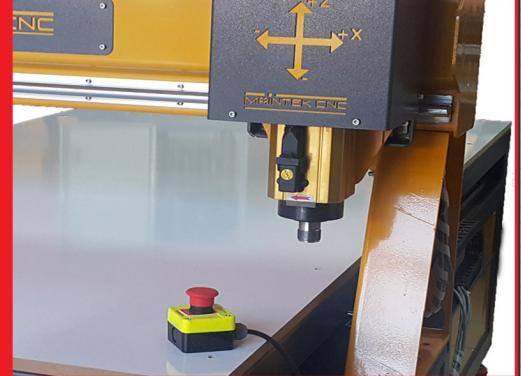
We provide high-level protection standards for safety of both you and CNC.



With inductive sensors located on the axes, you can use CNC without the risk of impact in axis movements.

You can also make precise machine referances with sensors.

The Emergency Stop button is at your fingersteps. You can safely stop the CNC machine in case of danger.

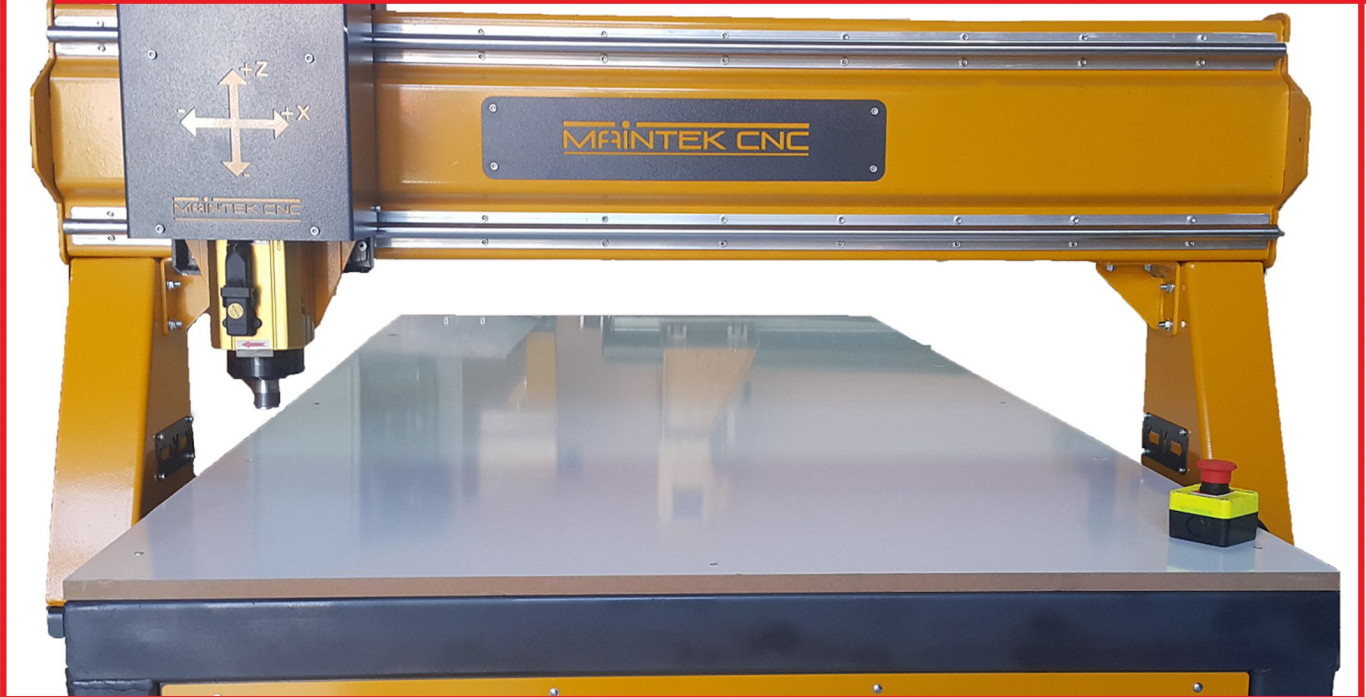


With Maintek CNC interface, the use of device is now much more simple.

At challenging situations, we are with you by remote access.

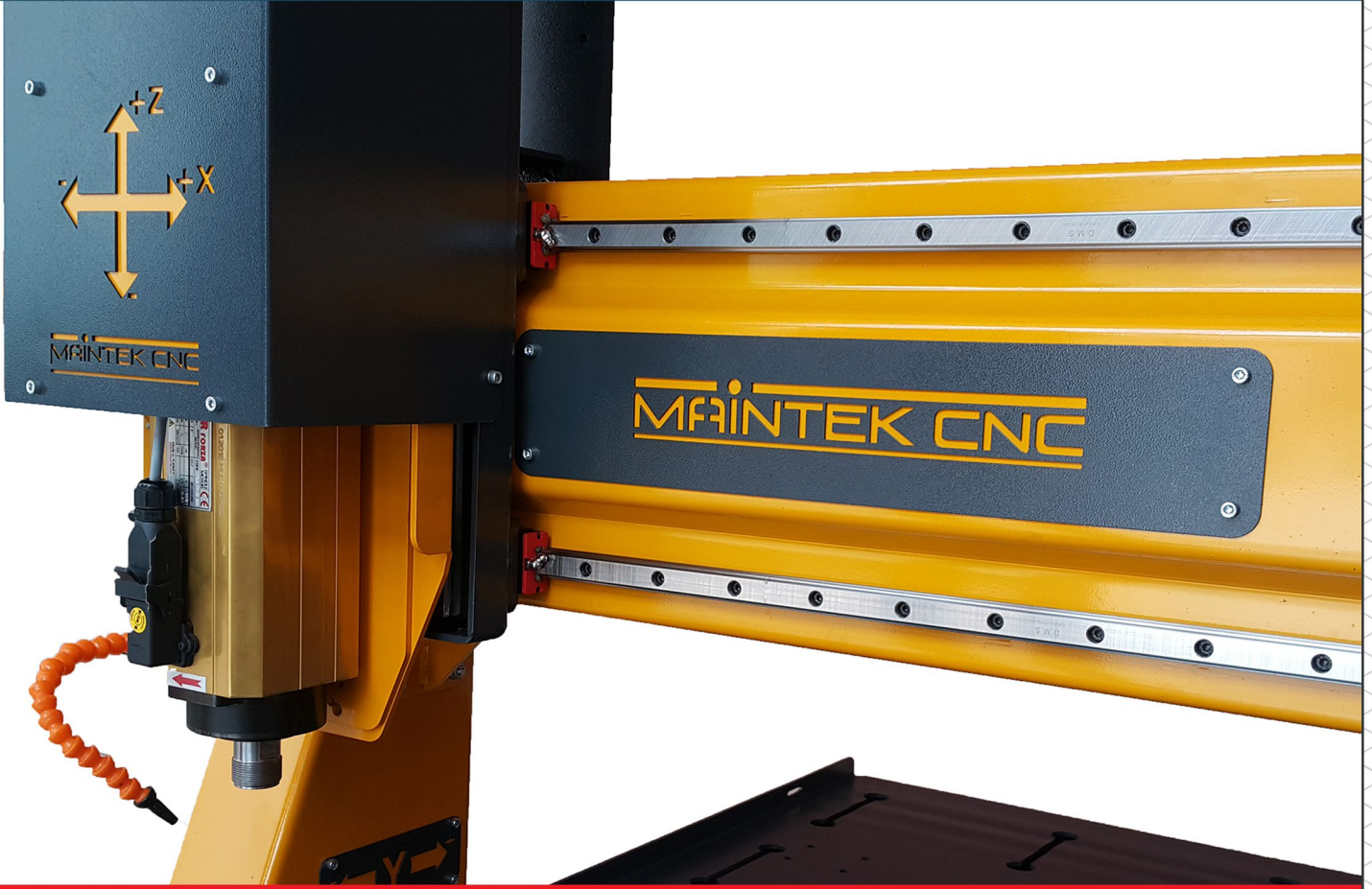
You can take 1 day face to face cad-cam training service while receiving machine. With these quick start, you can get productivity from the CNC in a short time.







# MAINTEK CNC



## CONTACT US

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