



CNC Router for Orthotic Industry



Orthotic routers have a robust welded steel structure. To work with hard poly propylene materials it is necessary to have heavy duty spindle and servo motors. To make work even more easier, we offer auto tool changing rack with ATC spindle with a choice of 3 to 8 station tool rack. Spindle choice from 4.5kW to 9kW recommended.

A special fixture allows machining polypropylene orthotics. The vacuum zone table allows cutting of EVA foam.

We provide a full enclosure for the machine to keep the environment clean.

Our router works seamlessly with the Delcam software and utilizes all the advantages available in the software. It is the best solution for the orthotics industry.



User Friendly Controller

Features:

- Frames are welded steel with special treatment. No distortion for whole structure
- Rack & pinion drives for X & Y axes
- Ball screw drive for Z axis
- Simultaneous 3 axes movement
- X,Y & Z axis limit sensors
- wireless hand wheel for precise location
- Automatic Material surface sensor
- Vacuum bed with T slot option.
- Automatic lubrication dispenser



Dust collector option

Technical Specifications

MODEL	DXE1200 ATC	DXE1812 ATC	DXE2513 ATC
Size (mm)	1360 x 2400	1360 x 3000	1460 x 3640
Process area (mm)	1200 x 1200 x 200	1200 x 1800 x 200	1300 x 2500 x 200
Max. speed (mm/sec)	1000		
Max. working speed (mm/sec)	400		
Positioning accuracy (mm)	0.02		
Power supply	380V , 50Hz		
X & Y drive	Rack & pinion with linear square rail		
Z drive	Ball screw with linear rail		
Drive motors	servo		
Vacuum Pump	5.5kW For holding down material		
Noise Level	About 80dB		
Command language	G code/HPGL		

The above specifications are standard. We customize based on requirement. Other sizes & options available on request