Alpha systems

CNC Routers for Orthotic Industry

www.CADmachinery.com

DX1000 is specially designed solution for PP & EVA foam milling for Orthotic industry.

Though it is small size, it is loaded with the same technology as any heavy duty machines will have. User friendly controller .

The whole machine occupies about 1700mm x 1700mm x 1600mm(H).
The controller stand takes 500mm x 300mm x 800mm(H).

As an option, we provide a full metal or acrylic enclosure for the machine bed 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:

- 4.5kW HSD air cooled spindle to handle PP material at ease.
- Frames are welded steel with special treatment. No distortion for whole structure
- Rack & Pinion drive for X & Y axis
- Ball screw drive for Z axis
- Simultaneous 3 axes movement
- X,Y & Z axis limit sensors
- Automatic Material surface sensor
- Vacuum bed with T– slot to switch between EVA and PP jig without much effort.

Dust collector option
DX1000 & DX4000

Technical Specifications

MODEL	DX1000
Machine Bed Size (mm)	1300 x 1700
Process area (mm)	1000 x 1000
Max. speed (mm/sec)	120
Spindle power	4.5kW
Positioning accuracy (mm)	0.02
Power supply	380V , 50Hz , 3 phase
X & Y drive	Rack & Pinion with linear square rail
Z drive	Ball screw with linear rail
Drive motors	Stepper
Vacuum Pump	5.5kW included
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