Alpha
systems

DX Series
3D CNC Routers

Furniture

Wooden Crafts

3D Routing & Engraving

Solid Surface

Foam, plastics & Acrylics

Alucobond

DX2613 ATC

DX3015

DX3020

DX3020ATC– circular

DX series is known for its heavy body construction. There are four types of large machines which are built with full **steel structure** for stable & fast operation. Cuts wide range of materials. Comes with 7HP Colombo, Italy spindle as standard.

Auto Tool Changer option is available with ATC 7HP Colombo, Italy spindle & 8 automatic tool positions as standard.   ATC working pressure: 0.6MPA.

Option: Vacuum bed, 5.5kW Blower, 2.2kW dust collecting systems and tubing

Four choices of Cutting beds:
- Aluminum table with PVC on top with T- slot
- Aluminium table with PVC on top with T-slot with vacuum
- Wood table with vacuum
- Steel table with continuous flow of coolant for metal working

Features:

- Heavy duty built for stable and faster operation
- Real time buffer for storing position in case of power failure
- possibility to continue half finished jobs
- Automatic Material surface sensor
- On the fly speed control
- Rack and pinion drives
- T- slot clamping system

Technical Specifications

MODEL	DX2613	DX3015	DX3020	DX4020	DX2613ATC	DX3015ATC	DX3020ATC	DX4020ATC
Size (mm)	1500 x 3200	1700 x 3650	2050 x 3760	2050 x 4960	1500 x 3200	1700 x 3650	2050 x 3760	2050 x 4960
Process area (mm)	1300 x 2500 x 220	1500 x 3000 x 220	2020 x 3060 x 220	2020 x 4200 x 220	1300 x 2500 x 220	1500 x 3000 x 220	2020 x 3060 x 220	2020 x 4200 x 220
Max. speed (mm/min)	21000	21000	21000	21000	30000	30000	30000	30000
Resolution (mm)	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025
Power supply 50/60Hz	380V	380V	380V	380V	380V	380V	380V	380V
X & Y drive	Rack & pinion with linear square rail							
Z drive	Rack & pinion with linear square rail							
Drive motors	stepper				AC servo			
Command language	G code/HPGL							
Weight (Kg)	2000	2500	3200	4000	2000	2500	3200	4000

Note: For vacuum pump and dust collector option, the power supply requirement is 380V, 3 phase, 50Hz