

Technology, Dedication & Service

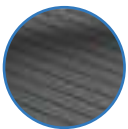


**UMPIRE**  
TECHNOLOGIES

**SHARK** SERIES

**CNC ENGRAVING  
AND ROUTER MACHINE**

**2D/3D**



Rigid  
PVC Sheet



Linear  
Guide Rails



Helical  
Rack & Pinion



Motors



6KW Air Cool  
Spindle



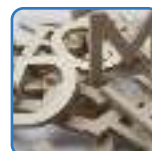
Gear Box

#### Performance and Features of SHARK 1325 CNC Router

- 25 MM Linear Guide Rails for high positional accuracy and long life with high motion accuracy
- 6 KW / 3 KW air cooled spindle gives you very stable, trouble-free, maintenance-free performance for long period of time.
- Fast speed and high accuracy ensured by gear transmission equipped on CNC Router.
- High accuracy and heavy workload ensured by imported square rail.
- Manual lubrication maintenance provided by lubrication system.
- Axis Drive system : X, Y - Rack, Z-Ball Screw
- Working table is covered with rigid PVC sheet for long life of aluminum T slot table.

We welcome the  
enquiries for  
customized CNC Router  
Any Size, Any Capacity !

#### SAMPLES



## Specifications

Model No	SHARK - 1212	SHARK - 1325	SHARK - 1530
Working Area (X,Y,Z)	1200 x 1200 x 200 mm	1300 x 2500 x 200 mm	1500 x 3000 x 200 mm
Spindle	3 KW Air Cooled	6 KW Air Cooled	6 KW Air Cooled
Spindle Speed	18000 RPM	18000 RPM	18000 RPM
Cutting Tool Diameter	Ø3 to Ø16mm	Ø3 to Ø20mm	Ø3 to Ø20mm
Repeated Location	0.050 mm	0.050 mm	0.050 mm
Operating System	PCI Based	PCI Based	PCI Based
Driving System	Stepper Motor	Stepper Motor	Stepper Motor
Dictate Format	HPGL, G-code	HPGL, G-code	HPGL, G-code
Power Supply	AC 230V / 1PH	AC 420V / 3PH	AC 420V / 3PH

Specifications are liable to change without prior notice.

Note : AC420V/3PH power supply will be applicable for 6KW spindle.

## Optional Items

- Dust Collecting System
- Vacuum Bed System
- Servo System
- DSP & FPGA Controlling System
- Automatic Oil Lubricating System



Dust Collecting System



Vacuum Pump

## Other Range of Machines



CNC Plasma Cutting Machine



CNC Stone Engraving Machine



CNC Engraving & Milling Machine



Fiber Laser Marking Machine



Fiber Laser Cutting Machine



Laser Engraving & Cutting Machine