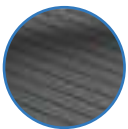


NOVA SERIES

CNC ENGRAVING AND ROUTER MACHINE

2D/3D



Rigid
PVC Sheet



Linear
Guide Rail



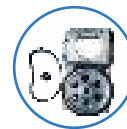
Helical
Rack & Pinion



Heavy Duty
Motors



6KW Air Cool
Spindle



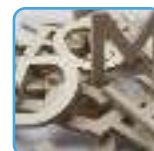
Gearbox

Performance and Features of SHARP CNC Router

- **HIWIN** Linear Guide rails for high positional accuracy and long life with high motion accuracy
- 6 KW / 3.5 KW air cooled spindle gives you very stable, trouble-free, maintenance-free performance for long period of time.
- **HIWIN** Taiwan Helical Rack & Pinion gives stable and precise movement.
- 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 | 1212 | 1325 | 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 | NK105/DSP A11 | NK105/DSP A11 | NK105/DSP A11 |
| Driving System | Stepper Motor | Stepper Motor | Stepper Motor |
| Dictate Format | HPGL, G-code | HPGL, G-code | HPGL, G-code |
| Power Supply | AC 220V / 1PH | AC 380V / 3PH | AC 380V / 3PH |

Specifications are liable to change without prior notice.

Note : ACV/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