

Joseph
machine



PHOENIX CNC MACHINING CENTER

A capable 4 Axis CNC Machining Center with 180° pivoting work clamping table, automatic adjusting clamps and 9.5 HP spindle motor. Designed to tap, drill and route patterns in light aluminum alloys, PVC, fiberglass and light gauge steel.

BASE MACHINE

- 4 axis servo positioning via ballscrew drives
- Spindle motor head guided on profile rails, providing fast, accurate and reliable performance
- Automatic clamp monitoring and positioning ensures complete access to work and improved tool life
- Four pneumatic clamp assemblies, pressure regulated to control workpiece clamp pressure.
- 180° axial rotation of clamp table controlled by servo, providing access to 3 sides of work piece at any angle between +90° to -90° without unclamping
- Industrial PC control system with dedicated software program Windows XP interface
- Fully programmable via macro's in a desktop "drag-n-drop" format
- Program memory
- Bar code reader
- Pattern programming through .DXF drawing file down-loads
- USB port and memory key
- Automatic lubrication
- Heavy duty all steel construction
- Fully enclosed with pneumatic safety door with emergency-stop strip along bottom of retractable guard

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BASE MACHINE (CONTINUED)

- Sound insulating foam to reduce machine noise
- Right and left hand material stops
- Thread compensator software
- Automatic tool changing
- Seven tool storage garage
- HSD 7 HP spindle motor with ISO 30 taper, capable of 18000 RPM
- Maximum machining length of "X-Axis"=118" (3000mm)
- Maximum machining width of "Y-Axis"=15.6" (400mm)
- Maximum machining depth of "Z-Axis"=11.7" (300mm)
- Oversized work piece capable
- Removable chip trays
- Leveling legs
- 1/2" Compressed air filter/regulator

Repeatability

- Tool position +/- 0.001"
- Angular positioning +/- 0.20 degrees

TECHNICAL SPECIFICATIONS

- Power: 480V
- Air: 80-100 PSI
- Weight: 5070 lbs.
- Dimensions: 157.5"L x 85.2"W x 58.5"H
- Warranty: One year Parts