



JUNIOR CNC MACHINING CENTER

Flexible 3 axis CNC machining center with pivoting vise bench for processing three sides of work piece. Extremely efficient for fabricating all extrusions; routing patterns, drilling holes, and shaping, aluminum alloys, PVC, fiberglass and light gauge steel



BASE MACHINE

- Heavy Duty Steel Frame, Stress-Relieved Construction
- 102" (2.6m) maximum part length
- 3 sided perimeter safety fencing and safety mat across machine front
- Siemens 828D Sinumeric CNC control
- Fully programmable, Using Universal "G" Code
- Three Mbyte program memory, Expandable
- Ethernet Port, Network Ready
- USB port and memory key extended program capacity
- 3 Siemens Servo motors power "Y" & "Z" axis ball-screws and rack-n-pinion X axis drive
- High precision bearings and profile-rails to provide accurate, reliable operation and performance

TECHNICAL SPECIFICATIONS

- Power: 240V AC
480V AC
- Warranty: One year Parts and Service (Includes on-site installation and training where applicable)

FEATURES

- Pneumatic 180° work table rotation for processing 3 sides of work piece
- Left and right side material indexing stops
- 3.5 Kw 4.6HP spindle motor, capable of variable speed 0 – 12000 RPM
- Quick tool change, ISO-30 Cone, ER-25 Collet
- Maximum machining length of "X-Axis"=102.4"
- *Maximum machining width of "Y-Axis"= 10"
- *Maximum machining depth of "Z-Axis" = 10"

**Vise Bench position will impact working stroke and distance.*

OPTIONAL

- Four Tool Capacity, Automatic Tool Changer
- HMI PC for Production File Down Load