

# Cupples' J&J CNC and Conventional Machine Shop

Cupples' J&J Company offers Conventional Machining and CNC Machine Shop services.

## Products;

- Spare Parts for Manufacturing Equipment
- Prototypes
- Machine Repairs
- Tools, Dies and Fixtures
- Complete Special Machines
- Contract Manufacturing
- Complete Special Machine Fabrication



## Machine Shop Capabilities;

- Vertical CNC Machining with travels up to X=122"; Y=67" ; Z=54"; up to 4 Axis with and without pallet shuttles, 40Taper and 50 Taper
- Horizontal CNC Machining with Travels of 39.37" x 32.6" x 28.9" with full 4 axis 360,000 position rotary 4th axis. Reinshaw Probe Technology for automatic measuring and part orientation . Machines have up to 25" square pallets and a 6 second pallet change. Spindles is 12,000 rpm Big Plus CAT 50
- CNC Horizontal Boring Mills with x=78.7"; y=70.8"; z=65.0"; W=21.6"; 360,000 Position Full Contouring Rotary 4th Axis
- CNC Turning up to 24" swing X 118.31" turning
- CNC Turning up to 34.4" swing x 62.0 turning
- Hybrid Swiss Machining with up to 7 Axis Including Live Tools
- CNC Turning up to 8 axis with Sub-spindles and 1,000 PSI thru the tool coolant with up to 3.00" bar feed capacity, 2 turrets and Y axis milling
- Wire EDM up to x=21.62" ; y=13.77" ; z=15.75" with 30 degrees at 15.75"
- Conversational TRAK VMC's
- Conversational TRAK Turning Center
- 4" Spindle Conventional Horizontal Boring Mill
- Conventional Turning up to 42" and up to 16' long
- Conventional Knee Mills for Maintenance Machining
- Centerless, Surface and Blanchard Grinding
- Vibratory Stress Relieving
- Complete Special Machine Fabrication

Cupples' J&J Equipment for Machining can be seen below;

