

## Machining Equipment List

### CNC Swiss Type Machines

- (1) Citizen B-12 VI, 2 live tools, 4 axis, 1/2" max spindle capacity, bar loaders
- (4) Citizen B-12, 3 axis, 1/2" max spindle capacity, magazine bar loaders
- (2) Citizen C-16, live tools, 9 axis, 5/8" max spindle capacity, high pressure coolant, magazine bar loaders
- (1) Citizen L-20, live tools, 7 axis, 3/4" max spindle capacity, magazine bar loaders
- (2) Citizen L-20 VII, live tools, 7 axis, 3/4" max spindle capacity, high pressure coolant, magazine bar loaders
- (1) Citizen L-20 VIII, live tools, 7 axis, 3/4" max spindle capacity, high pressure coolant, magazine bar loader
- (3) Citizen A-20 2F7PL, live tools, 7 axis, 3/4" max spindle capacity, high pressure coolant, magazine bar loader
- (1) Tsugami SS26, live tools, 8 axis, 1" max spindle capacity, high pressure coolant, magazine bar loader (also chucker)
- (1) Citizen L-25 VII, live tools, 7 axis, 1" max spindle capacity, high pressure coolant, magazine bar loader
- (2) Citizen L-32 VII, live tools, 7 axis, 1 1/4" max spindle capacity, high pressure coolant, magazine bar loaders

### CNC Multi-Axis Lathes

- (2) Nakamura WTS-150, 2 upper and one lower turret, live tools, 1 5/8" max spindle capacity, Y axis on upper turrets, sub-spindle, high pressure coolant, magazine bar loaders
- (5) Nakamura NTY3, 2 upper and one lower turret, live tools, 1 5/8" max spindle capacity, Y axis on all three turrets, subspindle, high pressure coolant, magazine bar loaders
- (2) Nakamura WT-150, live tools, 2" max spindle capacity, one upper and one lower turret, Y axis on upper turret, subspindle, high pressure coolant, magazine bar loader
- (1) Nakamura TW-20, live tools, 2 5/8" max spindle capacity, 2 turrets, sub-spindle, high pressure coolant, magazine bar loader
- (1) Nakamura NTM3Y
- (1) Mori Seiki SL2500Y turning center, 4 axis machining, Y axis control
- (1) Miyano BNX
- (1) Miyano BNE
- (1) Murata MT-200 Lathe 2.5" spindle, 3 turret

### CNC Lathes

- (1) American Way, 5C collet chuck, 1" max spindle capacity, bar loader
- (2) Haas SL-10, 16C collet chuck, 6" 3 jaw chuck
- (1) Hyundai HIT 8F, 16C collet chuck, 6" 3 jaw chuck, high pressure coolant
- (1) Okuma LB15-1SC CNC turning center
- (1) Haas TL-1 Manual/CNC 2 axis lathe
- (1) Prodigy 1" max spindle, bar feeder
- (1) Hwacheon lathe Hi Tech 200A

### Rotary Transfer

- (1) Hydromat HW25-12 transfer machine, 25mm capacity 12 stations

## Acme Gridley

- (7) 7/16" RA-6
- (2) 9/16" RA-6
- (1) 9/16" RA-6 spindle stop
- (5) 1" RAN-6
- (3) 1" RA-6 spindle stop
- (4) 1 ¼" RA-6
- (2) 1 ¼" RA-6 spindle stop
- (1) 1 ¼" Acme Chucker
- (2) 2" RA-6
- (1) 2 5/8 RA-6

## Precision Vertical Machining Equipment

- (1) Okuma MC-4VA vertical machining center 6000 rpm spindle (16" x 34" table) 20 position tool magazine
  - (1) Okuma MC-40VA vertical machining center 6000 rpm spindle (16" x 34" table) 20 position tool magazine (1) OKK MCV 520 vertical machining center 20" x 40" travel 30 position tool magazine
  - (1) Mori Seiki 503/B40 10,000 rpm, 20" x 40", 30 tools.
  - (1) Haas VF-OE, 7500rpm spindle, 20" X travel, 16" Y travel, 20" Z travel, thru spindle coolant, 4th axis rotary indexer
  - (1) Fanuc Robo-Drill, 10,000 rpm spindle, 19.5" X travel, 15.75" Y travel, 13" Z travel, 4th axis rotary indexer, 10 tools
  - (1) Fanuc Robo-Drill, 12,000 rpm spindle, 19.5" X travel, 15.75" Y travel, 13" Z travel, 4th axis rotary indexer, 14 tools
  - (1) Milltronics VM 17, 8000 rpm spindle, 20" X travel, 16" Y travel, 20" Z travel, Haas 4th axis rotary indexer
  - (2) Fanuc Robo-Drill, 15,000 rpm spindle, 27.5" X travel, 14.5" Y travel, 12" Z travel
  - (1) Fanuc Robo-Drill, 8000 rpm spindle, 19.5" X travel, 15.75" Y travel, 13" Z travel, Haas 4th axis rotary indexer, thru the spindle coolant,
  - (1) Kitamura Mycenter 1Xif, 15,000 rpm spindle, 20" X travel, 14" Y travel, 16" Z travel, spark changer pallet, thru the spindle coolant
  - (1) Haas Mill Multi axis with Fanuc Robot and conveyor load/unload
- Rotary Indexers
- (1) Haas HRT210
  - (2) Haas HA5C

## Precision Horizontal Machining Equipment

- (1) Okuma MA600-HB 600 MM horizontal machining center
- (1) Okuma MX-40HA 400 MM horizontal machining center 12,000 rpm spindle, 40 position tool magazine.
- (1) Tsugami MA-3 lightning horizontal four axis machining center 4000 rpm spindle, pallet loader with 10 pallet capacity (1) Makino A-51 horizontal machining center 12,000 rpm spindle w/through the spindle coolant, pallet changer, 60 position tool magazine.

# THE SPECIALTY MFG. CO.

---

Flow Control Products • Pool Maintenance Products • Contract Manufacturing • Plastic Injection Molding • Precision Machining