



## Turning

### CNC

#### Lynx 220 LYSA

- 2" bar capacity
- Live tooling
- Sub spindle
- "y" Axis (4.13)
- 12' LNS Hydrobar

#### Femco Durga CNC Lathe

- 25.6" between centers
- 9.8" maximum turning diameter
- 2" bar capacity
- LNS Hydrobar bar feeder

#### Hyundai HiT-400G Gang Tool Lathe

- 6 1/2" maximum turning diameter
- 6 1/2" maximum length
- 1.54" maximum bar diameter
- Autobar 300 bar feeder

#### Ikegai TUR25 Turn/Mill

- 17" maximum turning diameter
- 2.6" bar capacity
- Full "C" axis milling

#### Miyano JNC-45S

- 8 1/2" maximum turning diameter
- 1.75" bar capacity
- Sub spindle
- Live tooling
- LNS hydrobar bar feed

#### Hardinge CNC Gang Tool Lathe

- 12' bar feed
- 5c Collets
- Full "C" axis

### OTHER

#### Okuma Engine Lathe

- 18" swing x 40" centers
- Mitutoyo digital readout

## Milling

### CNC

#### Kitamura Machining Center

- 13.6" (x) x 11" (y) x 12" (z) travels
- 16 tool capacity
- 7,500 rpm spindle
- Refrigerated spindle chiller
- Fanuc OM control

#### Kitamura MY3X Machining Center

- 30" (x) x 17.9" (y) x 18.1" (z) travels
- 20 tool capacity
- 10,000 rpm geared head
- Refrigerated spindle chiller
- Haas fourth axis

#### Kitamura MY1 Machining Center

- 20" (x) x 14" (y) x 14" (z) travels
- 12,000 rpm spindle
- 20 tool capacity
- Haas fourth axis

### MANUAL

#### Acer Vari Drive

- 9" x 42" table

#### Bridgeport Verticals

- 9" x 42" table
- Digital Read Outs

## CAD CAM

### EZ-FEATURE CAM

- Milling and turning modules
- 2.5 D Milling
- DWG, DXF, IGES file import
- Electronic file transfer (direct download, email)

## Miscellaneous

#### 7" x 12" Horizontal/Vertical Bandsaw

- 7" round capacity
- 7" x 12" square capacity

#### ACER Manual Surface Grinder

- 8 5/8" x 17" travels

#### Victor Automatic Horizontal Bandsaw

- 10" maximum diameter
- 10" x 15" maximum rectangle

#### Universal Drilling and Tapping Machines

- Drill/Tap up to 5 holes simultaneously
- Drill/Tap hole sizes up to .25"
- Drill/Tap up to 3 sides simultaneously

Various drill presses, drill grinders, workholding apparatus, rotary indexers, presses, etc.

## Finishing

### Glass Bearer

- 21" x 23" x 36" envelope

### Raytech Vibratory Finishing Machine

- .25 cubic foot capacity

### Royson Vibratory Finishing Machine

- 1.5 cubic foot capacity

## Inspection

### Sheffield CMM

- 4.5.4 SF
- 16" (x) x 20" (y) x 16" (z) travels
- PC-DMIS Software

14" Mitutoyo Optical Comparator with surface illumination and metrology computer

### Mitutoyo Surface Profilometer

Miscellaneous micrometers, surface plates, indicators, gauge pins, gauge blocks, thread gauges, internal micrometers, etc. All inspection instruments are kept separate from shop measuring instruments.