

**CNC TURNING CENTERS**

**(5) Mazak Quick Turn 20**

Diameter Thru Spindle: 2"  
Maximum Cutting Diameter: 10"  
Maximum Swing: 17.3"  
Maximum Cutting Length: 19.7"  
Maximum Bar Diameter: 2'

**(1) Mazak Quick Turn 250 HP**

Diameter Thru Spindle: 3.15"  
Maximum Cutting Diameter: 10"  
Maximum Swing: 17.3"  
Maximum Cutting Length: 19.7"  
Maximum Bar Diameter: 2 3/4" (3" w/ bore chuck)  
Bar Feeder Capacity: 3" Diameter 12'

**(1) Hyundai-Wia 2 Axis L280**

Maximum Turning Length: 2'  
Maximum Swing: 23.3"  
Maximum Bar Diameter: 3"

**(2) Amera Seike TC-2L**

Diameter Bar Thru Chuck: 2"  
Turning Diameter: 13"  
Turning Length: 21.25"  
Maximum Swing: 15.75"  
Programable Tail Stock

**(2) Takisawa TCN-203JG**

Spindle Speed: 3200 RPM  
Maximum Turning Length: 11.81"  
Maximum Turning Diameter: 11.81"  
Bar Capacity: 2.01"  
X-Axis 8.27"  
Z-Axis 14.57"

**(2) Takisawa TC-203J**

3200 RPM Spindle Speed  
Maximum Cutting Length: 11.81"  
Bar Capacity: 2.01"

**CNC MACHINING CENTERS**

**(4) Mazak 410A Nexus**

4th Axis Head Index  
Axis Travel X=30", Y=16", Z=20"

**(1) Fadal VMC 2216FX**

4th Axis Head Index  
Axis Travel X=22", Y=16", Z=20"  
8,000 RPM 22 HP

**(1) Fadal 3016**

4th Axis Head Index  
Axis travel X=30", Y=16", Z=28"

**(3) Kitamura 3XD**

12000 RPM Spindle Speed  
Axis Travel X=30" Y=20" Z=20"

**(1) Mazak 640M**

4th Axis Head Index  
Axis Travel X=44", Y=16", Z=20"

**(1) Kent KVR-2418**

Axis Travel: X=18", Y=11", Z=16"  
Spindle Taper

**(1) Hyundai-Kia VX500 Vertical**

4th Axis Head Index  
Axis Travel: X=41.7", Y=20.1", Z=25"

**(3) Brother TC-S2D**

4th Axis Head Index  
Axis Travel: X=19.7", Y=15.7", Z=11.8"

**AUTOMATION**

**(1) Robotics**

**(2) Gantry**

**ASSEMBLY**

**(4) Customized**

Torque - air pressure 15" - 50" lb.  
Drill and Tap

**TOOL ROOM EQUIPMENT**

**(1) Acer 16" Gap bed Lathe**

Diameter Thru Spindle 2 1/4"  
Sony D.R.O.

**(2) Hy-Mech H12 Band Saw**

Round: 12"

**(1) Hardinge Precision Chucker**

5 C Collet System  
4 Jaw chuck  
Anilam D.R.O.

**INSPECTION EQUIPMENT**

**(1) C.M.M. Helm**

Axis Travels: X=20", Y=30", Z=16"

**(1) C.M.M. Mitutoya**

**(1) Customized**

Part checker

**(1) Deltronic Comparator**

Screen-14"  
Measuring Range - 6.5" x 4.1"

**FINISHING EQUIPMENT**

**(1) Regent Grinder**

16x36 Chuck Bed