



FACILITIES LIST

Lathes:

1. Daewoo Puma 400 LC High Performance Turning Center (New 2005):

- ◇ 50 HP
- ◇ Fanuc ITB Control
- ◇ 88" Turning Length
- ◇ 145 PSI Coolant
- ◇ 6 1/2" Dia. Bar Capacity
- ◇ 2039 ft/lbs of torque

2. Daewoo Puma 300C High Performance Turning Center (New 2006):

- ◇ 35 HP
- ◇ Fanuc 21 ITB Control
- ◇ Turbo Conveyor
- ◇ 44" Turning Length
- ◇ 12" Chuck
- ◇ 4" Dia. Bar Capacity
- ◇ 883 ft/lbs of torque

3. Daewoo Puma 280 High Performance Turning Center (New 2007):

- ◇ 30 HP
- ◇ Fanuc 21 ITB Control
- ◇ 28" Turning Length
- ◇ 12" Chuck
- ◇ 3" Dia. Bar Capacity
- ◇ Turbo Conveyor

4. Leadwell LT-25 CNC Lathe (New 2000):

- ◇ 25 HP
- ◇ 12 Station Turret
- ◇ Fanuc O-T Control with Extended Memory Card
- ◇ 10" Chuck
- ◇ Graphics Package
- ◇ 3" Dia. Bar Capacity
- ◇ Conversational Programming

5. Leadwell T-7 CNC Lathe (New 2001):

- ◇ 15 HP
- ◇ 12 Station Turret
- ◇ Conversational Programming
- ◇ 8" Chuck
- ◇ Graphics Package
- ◇ 2" Dia. Bar Capacity
- ◇ Fanuc O-T Control

6. Leadwell T-7 CNC Lathe (New 2003):

- ◇ 15 HP
- ◇ 12 Station Turret
- ◇ Conversational Programming
- ◇ 8" Chuck
- ◇ Graphics Package
- ◇ 2 1/2" Dia. Bar Capacity
- ◇ Fanuc O-T Control

7. Leadwell T-5 CNC Lathe (New 2000):

- ◇ 10 HP
- ◇ 5c Hydraulic Collet System
- ◇ 6" Hydraulic Chuck
- ◇ 8 Station Turret
- ◇ 1 1/8" Dia. Bar Capacity
- ◇ Fanuc O-TD Control

8. Leadwell T-5 CNC Lathe (New 2006):

- ◇ 10 HP
- ◇ 16c Hydraulic Collet System
- ◇ 6" Hydraulic Chuck
- ◇ 8 Station Turret
- ◇ 1 5/8" Bar Capacity
- ◇ Fanuc OiTC Control

FACILITIES LIST CONTINUED

9. Leadwell T-8 CNC Lathe (New 2007):

- ◇ 25 HP
- ◇ 12 Station Turret
- ◇ Fanuc OiTC Control
- ◇ 10" Chuck
- ◇ Graphics Package
- ◇ 3" Dia. Bar Capacity
- ◇ Conversational Programming

10. Leadwell LTC-35BL CNC Lathe (New 2007):

- ◇ 40 HP
- ◇ 12 Station Turret
- ◇ 15" Chuck
- ◇ Programmable Tail Stock
- ◇ 4 5/8" Bar Capacity
- ◇ Fanuc OiTC Control

11. Victor 18" x 80" Engine Lathe (New 2000):

- ◇ 7 1/2 HP
- ◇ Topaz DRO
- ◇ 3-1/4" Dia. Bar Capacity
- ◇ 12" Adjust-True Chuck

12. Victor 17" x 60" Engine Lathe (New 2006)

- ◇ 7 1/2 HP
- ◇ Topaz DRO
- ◇ 2 1/2" Dia. Bar Capacity
- ◇ 10" Chuck

13. Hardinge Tool Room Lathe, Model H.C.:

- ◇ 5" Chuck
- ◇ Threading Capability
- ◇ 1-1/16" Dia. Bar Capacity
- ◇ 5-c Collet System

Mills:

1. Leadwell V-50 Vertical Machining Center, with Fanuc 18M Control (New 2003):

- ◇ BT-40 Spindle Nose
- ◇ 10,000 RPM Spindle
- ◇ Programmable Coolant Nozzle
- ◇ 50" x 20" x 25" Travel
- ◇ 24 Station A.T.C.
- ◇ 200 PSI Coolant Pump
- ◇ Rigid Tap
- ◇ Coolant thru the Spindle
- ◇ Spindle Air Blow
- ◇ Helical Interpolation

2. Leadwell V-50 CNC Vertical Machining Center, w/Fanuc 18M Control, w/Yuasa Interfaced 4th Axis (New 2004):

- ◇ BT-40 Spindle Nose
- ◇ 10,000 RPM Spindle
- ◇ Programmable Coolant Nozzle
- ◇ 50" x 20" x 25" Travel
- ◇ 24 Station A.T.C.
- ◇ 200 PSI Coolant Pump
- ◇ Rigid Tap
- ◇ Coolant thru the Spindle
- ◇ Spindle Air Blow
- ◇ Helical Interpolation

3. Leadwell V-40 CNC Mill, with Yuasa Interfaced 4th Axis (New 2001):

- ◇ 15 HP
- ◇ 48,000 Mega Byte Memory
- ◇ 40" x 20" x 24" Travel
- ◇ Fanuc 21-M Control
- ◇ 24 Station A.T.C.

4. Leadwell V-40 CNC Mill, with Fanuc 18-M Mold Maker Control (New 2000):

- ◇ 15 HP
- ◇ 233,000 Mega Byte Memory
- ◇ 40" x 20" x 24" Travel
- ◇ 24 Station A.T.C.

FACILITIES LIST CONTINUED

5. Leadwell V-30 CNC Mill, with Fanuc 18-MC Control (New 2002):

- ◇ BT-40 Spindle Nose
- ◇ 30" x 16" x 20.5" Travel
- ◇ All Standard Accessories
- ◇ 10,000 RPM Spindle
- ◇ 24 Station A.T.C.

6. Leadwell V-30 CNC Mill, with Fanuc 21 MB Control (New 2003):

- ◇ BT-40 Spindle Nose
- ◇ 30" x 16" x 20.5" Travel
- ◇ All Standard Accessories
- ◇ 8,000 RPM Spindle
- ◇ 24 Station A.T.C.

7. Fadal VMC-4525, with interfaced Fadal Rotary Table (New 2006):

- ◇ 25 HP
- ◇ 24 Station A.T.C.
- ◇ Graphics Package
- ◇ Cat 40 Spindle
- ◇ 45" x 25" x 28" Travel
- ◇ 300 PSI Coolant thru the Spindle
- ◇ 12,000 RPM Spindle
- ◇ 240,000 MB Memory

8. Leadwell V-30i CNC Mill, with interfaced 4th Axis & Fanuc 01 MB Control (New 2007):

- ◇ BT-40 Spindle Nose
- ◇ 30" x 20" x 24" Travel
- ◇ Program Nozzle
- ◇ All Standard Accessories
- ◇ 10,000 RPM Spindle
- ◇ 24 Station A.T.C.
- ◇ Rigid Tap

9. Leadwell V-60i CNC Mill, with Fanuc 01 MB Control (New 2007):

- ◇ 30 HP
- ◇ 60" x 30" x 28" Travel
- ◇ 400 PSI Coolant Pump
- ◇ All Standard Accessories
- ◇ 10,000 RPM Spindle
- ◇ Coolant thru Spindle
- ◇ 24 Station A.T.C.
- ◇ Rigid Tap

10. (2) – Bridgeport Mills:

- ◇ 2 HP
- ◇ Power Feed in "X" & "Y"
- ◇ 9" x 42" Table
- ◇ One with AC Prodrive
- ◇ Topaz DRO

11. Wells – Index Mill, Model 847:

- ◇ 9" x 42" Table
- ◇ Power Feed in "X" & "Y"

12. Acra AM3 Milling Machine with AC Prodrive (New 2007):

- ◇ 3 HP
- ◇ 10 x 54 Table
- ◇ Power feed in 3 Axis
- ◇ Newall C80 DRO Read Out
- ◇ Power Draw Bar

Gun Drill:

Dadson Model DS1042-DL Gun Drilling Machine (New 2007):

- ◇ Bed Type
- ◇ Hyper Drill Sharpening Fixture with Diamond Wheel
- ◇ Drill Sizes 1/16" to 1 1/4" Dia.
- ◇ Drill Depth 42"

Saws:

1. 3 - Roll-in Band Saws with 12" Capacity
2. H.E.M. Saw, Model 100, 10" Capacity, 7 1/2 HP, Fully Automatic
3. H.E.M. Saw, Model 105A, 16" Capacity, 10 HP, Fully Automatic
4. (2) Wilton Cold Saws 4" Capacity

FACILITIES LIST CONTINUED

Air Compressors:

1. Quincy Twin Stage (New 2005)
 <> 10 HP <> 500 Gal. Tank <> Refrigerated Air Dryer
2. Sullair, Model ES6 (New 2005)
 <> 10 HP <> 500 Gal. Tank <> Rotary Screw Comp. With Dryer

Miscellaneous:

1. Burr Quick Vibro Mill with 5 Cubic Feet Bowl
2. Sunnen MB1600 Hone
3. Mitsubishi Fork Lift (New 1995)
 <> 5,000 lb. Capacity <> Triple Mast <> Side Shift
4. Nissan Fork Lift (New 2003)
 <> 4000 lb. Capacity <> Triple Mast <> Side Shift
5. Surface Grinder, Giddings & Lewis, Model 206
6. K.O. Lee Tool & Cutter Grinder

Delivery Trucks:

1. 2004 Dodge Dakota ½ ton Pickup
2. 2005 Dodge 1 ton Dually Flatbed Truck
3. 2003 20 Ft. Tandem Gooseneck Trailer
4. 2006 Dodge ¾ Ton Pickup

Programming Systems: (Programming capabilities are connected to all CNC machines.)

1. Master Cam Version 10
2. Control Link/Machine Link
3. BobCAD-CAM V21
4. Gage Maker
5. CNC Speed

Inspection Equipment:

1. GAGetrak Calibration Software
2. Brown & Sharpe Micro-Hite 600
3. Brown & Sharpe Tesa-hite 600
4. 48" x 72" Granite Surface Plate
5. 24" x 48" Granite Surface Plate
6. Gage Block Sets 81 pc Grade 2 & 3
7. Scherr-Tumico 14" Optical Comparator with a Quadra-Check Digital Readout
8. Clark Hardness Tester
9. Mitutoyo Profilometer
10. Mitutoyo 0"- 4" Bench Micrometer
11. Pratt & Whitney Thread Wires 4-80 TPI
12. Thread Plugs & Rings as Required
13. O.D. Micrometers 0-12"
14. Blade Micrometers 0-11"
15. Dial Bore Gages 0.4-6.00
16. Bore Micrometers 0.425-4.00
17. Sunnen Precision Gage 0.700-1.500
18. 1 Pin Gage Set .011 – 1.000
19. 1 Pin Gage Set .011 - .625
20. Calipers, Indicators, Chamfer Gages, Radius Gages, Etc.