



FACILITIES LIST

CNC/ NC MILLING – VERTICAL

CAPACITY

Hyundai SPT-V30 CNC Machining Center
(3-1/2 axis) W/14 tool automatic tool changer

20" x 20" x 20"

Burgmaster CNC Machining Center
(3-1/2 axis) W/30 automatic tool changer

15" x 30" x 20"

Fadal 4525 Machining Center
W/30HP Spindle

45" x 25" x 24"

Hyundai 5PT-V30T

20" x 16" x 20"

CNC/ NC MILLING – HORIZONTAL

Niigata CNC Machining Center
(4 axis contouring) W/60 tool
Automatic tool changer and pallet changer

59" x 47" x 33.5

Cincinnati 10 HC CNC Machining Center
(3 axis) W/30 tool automatic tool changer
And 30" indexing rotary table (1 degree increment)

40" x 60" x 24"

CNC TURNING

Hyundai HIT V5R Vertical Lathe Center 12 Station turn mill with live tools	21" dia x 24"
Hyundai HIT 30S CNC Lathe W/16 tool Turret (2)	13" dia x 40" c/c
Mori Seiki CNC Chucker W/12 tool Turret	22" dia x 32" c/c

MANUAL TURNING AND MILLING

CAPACITY

Sharp Horizontal/Vertical Milling Machine W/Digital Readout	36" x 12"
Nardini Gap Lathe W/Digital Readout	25" dia swing X 80" c/c 33-3/4 dia swing in gap

DRILLING EQUIPMENT

Rockwell Radial Drill	30" Arm x 18" Vertical Travel
Walker Turner Drills	1/2" diameter capacity
Cincinnati Drill Press	2" diameter capacity

MISCELLANEOUS SHOP EQUIPMENT

- Hot Water Parts Washer with Track Hoist (1/2 ton)
- Tap Extractor (EDM)
- Grob Vertical Bandsaw
- Wells Horizontal Bandsaw with automatic Bar Feed
- Pedestal Grinders

MISCELLANEOUS MACHINE ACCESSORIES

- Rotary Tables
- Angle Plates
- Index Heads
- Hydraulic and Manual Chucks
- Pneumatic Tools/Disc Sanders
- Tapping Heads
- Vises
- Universal Tooling items

INSPECTION EQUIPMENT

CAPACITY

Giddings & Lewis Apollo 11 Series
Cordex Coordinate Measuring System
Measure max software; Environmentally controlled room

x - 60" y - 69" z - 48"

4' x 6' Granite Surface Plate, Grade "A"
2' x 3' Granite Surface Plate, Grade "A"

- Micrometers 0 - 42"
- Inside micrometers 1" - 42"
- Indicating Groove Gauges
- 24" B & S Digital Hite Check
- 24" Granite Square Master
- Dial Bore Gauges
- Dial and Vernier Calipers 0 – 72"
- Gage Pins, 1/16" – 1/2"
- Thread Plugs – English and Metric
- Wilson Rockwell Hardness Tester
- Indicators .0001, .0005, .0010
- Hydrostatic test apparatus to 15,000psi

All inspection tools and gauges calibrated with N.I.S.T traceability

FABRICATION / WELDING

- Welding personnel are Certified per AWS Standards D1.1 and ASME B31.3
- Complete welding facility, approximately 2,000 sq. feet
- Modular tables
- Rotating and tilt positioners with 72" diameter and one ton capacity hoist
- Equipped for MIG, TIG and ARC welding assemblies up to 30' long/8000lbs

MATERIAL HANDLING EQUIPMENT

- Forklifts with 8000 lbs capacity
- Flat Bed Truck 15,000 lbs Gross

Customer Visits Welcome

Quality Manual