

FACILITIES LIST



VALLEY PRECISION LLC.
Specializing in CNC Turning & Milling

TURNING EQUIPMENT- 22 Machines

- * (2) Okuma LC-30 Chucker with tailstocks
Swing over bed - 19-1/2" Dia
Max. Turning Dia - 17-3/4" Dia.
Max. Turning Length - 28-3/4" Dia.
40 H.P.
- * (1) Okuma Howa-Act-4 CNC Chucker and Bar Machines
with Tailstock Swing over bed - 21-1/4" Dia
Max. Turning Dia. -13.77" Dia.
Max Turning Length - 28.74" Dia.
30 H.P.
- * (1) Okuma LC-20 CNC Chuckers with Tailstock
Swing over bed - 15-3/4" Dia
Max. Turning Dia. - 11-3/4" Dia
Max Turning Length - 19-7/8" Dia
20 H.P.
- * (2) Okuma LB-15 Chucker with Tailstock
Swing over bed - 15.75" Dia
Max. Turning Dia. 8.27" Dia.
Max Turning Length - 9.06" Dia.
10/15 H.P.
- * (2) Okuma Crown -L- 1060 - with Tailstock
Swing over bed - 21.65
Max Turning Dia. 15.75" Dia.
Max Turning length - 20.47 Dia.
15.H.P.
- * (2) Okuma- Howa 2sp Twin Spindles
Max Turning Dia. - 8.3" Dia.
Max Turning Length - 7.9" Dia.
20 H.P.
- * (2) Okuma Cadet-C with Tailstock
Swing over bed - 15.75" Dia.
Max Turning Dia. - 9.84" Dia.
Max Turning Length - 9.06" Dia.
15 H.P.
- * (4) Mazak Quick Turn Nexus 200 Lathes
with tailstock
- * (6) Mazak Quick Turn Nexus 300 Lathes
with tailstock

PROGRAMMING DEPARTMENT

- * All Process engineering and programming done in house
Inversys Wonderware Programming Software
Master Cad System
(1) Micro-cimm Cad-Cam System and related Software
- * Windows operating system- 7 Professional

MILLING EQUIPMENT-18 Machines

- * (1) OKK PCV-510 4 Axis Vertical Machining Center
Table 70.08" x 20.47"
Max. Long Travel 60.24" (X)
Max. Cross Travel 20.08" (Y)
Max. Spindle Travel 20.08" (Z)
24 Automatic Tool changes
15 H.P. 30-600 R.P.M
- * (1) OKK PCV-510 4 Axis Vertical Center
Table 50: x 20.47"
Max. Long Travel 40.16" (X)
Max. Cross Travel 20.08" (Y)
Max. Spindle Travel 20.08" (Z)
24 Automatic Tool changes
15 H.P.
- * (1)MAZAK VCN 410B 4 Axis Vertical Machining Center
- * (2) Miyano TSV 21 Maching Center
Table 20" x 8.625
Max. Long Travel 12"
Max. Cross Travel 8.625"
Max. Spindle Travel 8.625"
24 Automatic Tool changes
15 H.P. 80.8000 R.P.M
- * (1) **Mazak VCN-700 DII Vertical Machining Center 4 Axis**
High torque spindle 6000 RPM 30 H.P. CAT 50 taper
24 tool magazine
X-Axis travel 60.2"
Y-Axis travel 27.55"
Z-Axis 25.6 "
- * (6) HAAS VF-1 Axis Vertical Maching Center Table
Max. Long Travel 20" (X)
Max. Cross Travel 16" (Y)
Max. Spindle Tool changes
16 Automatic Tool changes
15 H.P. 1-5000 R.P.M.
- * (2) Haas VF-2 Axis Vertical Maching Center Table
Max. Long Travel 30" (X)
Max. Cross Travel 16" (Y)
Max. Spindle Tool changes
20 Automatic Tool changes
20 H.P. 1-7500 R.P.M.
- * (1) HAAS VF-4 Axis Vertical Machining Center
Table 52" x 18"
Max. Long Travel 50" (X)
Max. Cross Travel 20" (Y)
Max. Spindle Travel 25" (X)
20 Automatic Tool changes
20 H.P.
- * (1) Bridgport Vertical Milling Machines
Table Size 9" x 48"
Cross Travel 12"
Long Travel 30"
2 H.P.
- * (1) Nichols Horizontal Milling Machine
- * (1) Hitachi Horizontal Milling Machine
(2) #2 Table 12" x 53"
7.5 H.P.

FACILITIES LIST

INSPECTION EQUIPMENT

Granite plates, dial snap gages, dial bore gages, plug gages, thread ring and thread plug gages, tri-roll thread gages, height master and pressure micrometers, full range of OD and ID electronic gaging

* (1) Mitutoyo Co-Ordinate Measuring Machine 28" (X) x 24" (Y) x 18" (Z)

(1) Optical Comparator

(1) Goko Seiki Hardness Tester

(1) Surtronic 3P Profilometer

(1) Surtronic 3+ Profilometer

SPC Mitutoyo Mini-Processors

SLUGGING EQUIPMENT

(2) Do-All C-305A Automatic Metal Cutting Band Saws
Capacity 12" 0 Round
Capacity 11" x 12" Rectangular

(2) Wells W-9 Automatic Bandsaws
Capacity 1" - 9" Dia.

(2) Cosen C-300 Automatic Metal cutting Bandsaw
Cutting Capacity:
12" Round

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SUPPORT EQUIPMENT

* (2) MECCO MC-18D Stamping Machines
Impact Force - Adjustable to 2 ton Max
Overall Weight - 32"

* (1) Sunnen MBC 1804 Hone with Automatic Size Control and/or Zero Shut-off

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* (2) Willis Drilling and Tapping Machines with 8 Spindle Multi-Head
3 H.P. and 1.5 H.P.

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(4) Quick Boy Tapping Machines

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(2) Twin Spindle Drill Presses

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(2) Vibratory Finishing and Deburring Machine

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(1) 60,000 LB Hydraulic Press

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(1) Skat- Blast Sand Blaster

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(5) Hardinge Speed Lathes

* Belt sanders and Hand Grinders

TOOLMAKING EQUIPMENT

All tooling done In-House

(1) 17" Clausing Engine Lathe
10 H.P. - 80" between centers

(1) Supermax LG 1667 Engine Lathe
17" Swing
10 H.P.

(1) Bridgeport Milling Machine with D.R.O

(1) Bridgeport Milling Mach with A UNI TEK Tap Burner

(2) Pedestal Carbide Grinders

(1) KO Lee Surface Grinder

(1) Miller Arc Welder

(1) Chevalier - CNC Milling Machine

(1) Agathon 175 Carbide Grinder

(1) Okamoto surface Grinder

(1) Oxy Acetylene with cutting and brazing heads

(1) 20 Ton Hydraulic Press

Various Bench Grinders

MATERIAL HANDLING EQUIPMENT

(1) Fork Lift Truck up to 6,000# Capacity

(2) Fork Lift Trucks up to 4,000# Capacity

(2) Electric Pallet Trucks with a 4,000# Capacity

Toledo Scale - Weight + Count 4,000# Capacity