



LEONARD MACHINE COMPANY

PRECISION CNC MACHINING

MACHINERY LIST

CNC TURNING CENTERS

Mazak Quick Turn 15N
Mazak Quick Turn 20
Mazak Quick Turn 250
Mazak Quick Turn 250
Mazak Quick Turn 200 with bar feed
Daewoo Puma 400

MANUAL TURNING CENTERS

Monarch 1660
Sharp 1862 Gap Bed Lathe
LeBlonde

CNC MACHINING CENTERS

Mazak VTC-16B Vertical Machining Center
Mazak Nexus 510C-II Vertical Machining Center
Haas VF-2 Vertical Machining Center
Haas VF-2 Vertical Machining Center
Haas VF-4 Vertical Machining Center

MANUAL MACHINING CENTER

Bridgeport Ser. II Horizontal Mill

MOBILE LINE BORING & MOBILE WELDING

Portable Welding Equipment

- Fully equipped Service Truck with
Miller Air Pack dual welder

Types of Onsite Welding Offered

- Mig (steel and stainless steel)
- Stick (smaw)
- Plasma cutting
- Torching

CNC TURNING LIMITATIONS

Min. O.D. = 1/8" Dia.
Max. O.D. = 24" Dia.
Min. I.D. = 1/4" Dia.
Min. I.D. = 1.4" Dia.
Max. I.D. = 22" Dia.
Min. Ctr. To Ctr. = 1/8"
Max. Ctr. To Ctr. = 44"
Max. RPM = 5,000

MANUAL TURNING LIMITATIONS

Min. O.D. = 3/8" Dia.
Max. O.D. = 36" Dia.
Max. Ctr. To Ctr. = 62"

MILLING LIMITATIONS

Max. Table Weight = 3500 lbs.
Max. Table Width = 18"
Max. Table Length = 52"
Max. Ram Height = 25"
Max. Boring Dia. = 20"
Max. Boring Depth = 12"
Max. RPM = 10,000

Line Boring

Climax BB149

- Holes from 2.5 in to 24 in diameter

SECONDARY OPERATIONS

Welding
Plasma Cutting
Fabrication
Heat Treating
Sawing
Sanding
Sand Blasting
Buffing
Polishing
Deburring

INSPECTION EQUIPMENT

Hexagon Metrology CMM
Faro Gage Arm CMM
Thermo Scientific Niton XL2 Gold XRF Scanner
14" Optical Comparator
Misc. calibrated gage blocks, thread ring gages,
thread plug gages, pin gages, calipers,
micrometers, and height gages.
Rockwell Hardness Tester
Surface Finish Profilometer

LEONARD MACHINE

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