

HARTZELL MACHINE WORKS INC.

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EQUIPMENT LIST

CNC Machining Centers

- 1 - Haas Vertical Machining Center, VF-3, with Automatic Tool Changer (20 station)
40 x 20 x 21" Capacity, 3 Axis
- 1 - Haas Vertical Machining Center, VF-2, with Automatic Tool Changer (20 station)
30 x 16 x 20" Capacity, 3 Axis
- 2 - Haas Vertical Machining Center, VF-1, with Automatic Tool Changer (20 station)
14 x 16 x 20" Capacity, 3 Axis
- 1 - Haas Vertical Machining Center, VF-0, with Automatic Tool Changer (20 station)
14 x 16 x 20" Capacity, 3 axis
- 1 - LeBlond Makino Vertical Machining Center, FNC-106, with Automatic Tool
Changer(30 Station), 41-5/16 x 23-5/8 x 22" Capacity, 3 Axis
- 4 - Bridgeport Milling Machine, Equipped with ProtoTrac, 2 Axis Control

CNC Turning Centers

- 1 - LeBlond Baron 25 Turning Center, 18 x 40" Capacity
- 1 - Mazak Quick Turn 8, with Automatic Bar Feed

Milling Machines

- 6 - Bridgeport Milling Machine, all equipped with digital positioning readouts
- 1 - Cincinnati #2 Horizontal Milling Machines

Lathes

- 1 - Hardinge HC Chucker, with a 1-1/16" Spindle, and 6" Chuck
- 1 - LeBlond Regal with 19" x 150" Capacity
- 1 - LeBlond Regal with 15" x 72" Capacity
- 1 - Lansing with 18" x 60" Capacity

Drilling Machines

- 1 - Speedmaster Radial Drill Press, 51" Height x 33" Head Travel
- 8 - Walker Turner Drill Presses

Surface Grinders

- 1 - Brown & Sharpe Micromaster, 10" x 24"
- 1 - Brown & Sharpe Micromaster, 5" x 10"

Miscellaneous Grinders

- 1 - Ribon R.U.R. 500 Cylindrical Grinder, 11" x 20" Capacity
- 1 - Cincinnati #2 Universal Tool Grinder

Cut Off Equipment

- 1 - Phoenix AB Automatic Saw with Bar Feed

Miscellaneous Equipment

- 1 - 75 Ton Dake Hydraulic Press, 4' x 4' Capacity
- 1 - 15 Ton Press, Capacity 12" x 12"
- 1 - 300 amp Miller Electric Welder
- 1 - Lucifer Electric Furnace with 6" x 6" x 12" Capacity
- 1 - Hand Brake with a 48.5" x 16 Ga. Capacity

Inspection Equipment

- 1 - Brown & Sharpe, Gage 2000, Coordinate Measuring Machine (CMM)
- 1 - Mitutoyo Optical Comparator, 10X - 50X
- 1 - Mitutoyo Master Height Gage, 18"
- 1 - Mitutoyo Digimatic Height Gage, 24"
- 3 - Granite Inspection Plates, 48" x 72", 36" x 48", and 18" x 24"
- 1 - King Rockwell Hardness Tester with a 9" Table
- 2 - Master Gage Block Sets
 - Miscellaneous Bore Gages to 10" Capacity
 - Miscellaneous Micrometers from 0 - 24", Outside and Inside

Note: Inspection Equipment is Used in a Temperature Controlled Environment and Maintained to our Customer's Requirements as the criteria of ISO-9002. The equipment is calibrated at regular intervals.