

MACHINERY LIST

BORING MILL:

- 1 **Ikegai NB110T** CNC Horizontal Boring and Milling Machine 57" x 78 3/4" x 68
5 Axis (X, Y, Z, W, B:4 AXES SIMULTANEOUSLY) W/Renshaw Probing System
Holds 14,000 pounds.
- 1 **Toyoda HB1620** CNC Horizontal Boring Mill (X=118", Y=82", Z=59", W=27"), Thru Spindle Coolant, 60 Pocket Tool Changer, B-Axis Rotary table, 0iMF Fanuc Controller, Renishaw Probe w/tool setter, Holds up to 44,000 lbs. (2022)

MILLS:

- 2 **Toyoda SB316YM** Bridge Mill (X=120.5", Y=90.5", Z=31.5") Max. Workload 22,000 lbs
- 1 **Mazak VTC 250D/50D** 25" x 60" Table
- 1 **Haas UMC-750** 5-Axis (2018)
- 1 **Haas VF-4ss** 4-Axis(2023)
- 1 **Haas VF-2ss** (2017)
- 1 **Haas VF-2** (2019)
- 4 **Southwest Industries K3SX** Vertical Milling Machines - 9" x 42" Table with PROTO-TRAK (2 AXIS CNC)

COMPUTER SYSTEM:

- 1 ECI/Job Boss2 System-A Windows based, shop specific, software that automates and effectively controls all aspects of shop activity, from generating a quote, to creating a purchase order, tracking job time and shipping.
- 6 Computer Systems complete with Master Cam.

LATHES:

- 1 **Mazak Slant Turn 450** 18" x 60" (28" Diameter Swing)
- 1 **Mazak Quick Turn 250** 8" x 20" (15" Diameter Swing)
- 2 **Mazak Quick Turn Nexus 250II** (14-3/4 Diameter Swing)

INSPECTION EQUIPMENT:

- 1 Hemel Microstar 325202M Coordinate Measuring Machine, 53" x 37" Table, with Renshaw Probe.
- 1 Sunnen Dial Bore Gauges 3/8" to 6" (in tenths)
- 1 Starret Vertical Concentricity Gauge 14" dia x 10'
- Misc Precision Measuring Tools(Calipers, Micrometers, Height Gauges, Gauge Blocks, Gauge Pins and Dial Indicators.)

WELDERS:

- 3 Lincoln Model 275 Precision Tig Electric Welders
- 1 Lincoln Square Wave Tig 350 for Welding Aluminum
- 1 Miller Delta Weld 452 Mig. Wire Welder - 500 AMP
- 1 Oxygen-Acetylene Cutting and Brazing

HONE:

1 Sunnen Horizontal Hone - .125 to 6" Diameter w/tenth gauging

SAWS:

1 DoAll Vertical Band Saw
1 Clausing Kalamazoo Model MS1318SA Horizontal Band Saw - 13" x 18"
2 Doringer D-350 Cold Saw - 10 1/4" x 11"

GRINDERS:

1 Okamoto Surface Grinder 6" x 18"
1 Dedtru Centerless Grinder

PRESSES:

1 Dake Air-Hydraulic Press - 75 Ton
1 Dake Hand Press 1 1/2 Ton

KEYSEATER:

1 Mitts and Merrill Hydraulic Keyseater 1 1/4" x 12"

MISCELLANEOUS:

1 Electro Arc Tap Extractor
2 7.5 Ton Crane