

# Equipment List

## CNC LATHES

- Doosan Puma 700 – 36" Dia., 63" Lg., 7" through spindle.
- SMART NL4000 – 23" Dia., 47" Lg., 4.59 through spindle.
- Daewoo Puma 18 – 32" Dia., 62" Lg., 5 3/8" through spindle.
- Hyundai-Kia SKT – 400C, 15" 30" Dia, 47" Lg., 3.5" through spindle.
- Mori Seiki SL 25/B 500 – 12" Dia., 24" Lg., 2.5" through spindle.

## CNC MULTI AXIS LATHES

- SMART SL3300YS – 12" chuck main, 3.5" through spindle, 8" Sub-spindle with milling & y-axis
- SMART NL2000ASY – 8" chuck main, 2" through spindle, 6" sub-spindle w/milling & y-axis, barfeeder

## CNC HORIZONTAL MACHINING CENTERS

- Okuma MA600 Okuma MA-600HII: 35.43" height and 39.37" 12k rpm. spindle, 177ATC, Fastems FPC-1500 10 pallet FMS.
- Kitamura 800IL, X 55", Y 49", Z 52", 100ATC.
- Daewoo ACE – H63, X 40", Y 31.5", Z 33.5", 60ATC.

## CNC 5-AXIS HORIZONTAL MACHINING CENTER

- Makino A500Z HMC 5-axis 14k HSK spindle, 133 ATC with 2APC, max workpiece dimensions – 24.8" DIA. x 19.685".

## CNC VERTICAL TURRET LATHE

- YOUJI YV-1200A 72" Dia. 50" ht.

## CNC HORIZONTAL BORING MILL

- Hyundai-Kia KBN 135 – CNC Horizontal Boring Mill, X-118", Y-78", Z-63", W-27", 5 Axis Mill, 10 Ton Table Load Capacity
- CNC G&L Horizontal Boring Mill, 5" spindle, X-146", Y-96", Z-60" W-36" Travel. 15 Ton Table Load Capacity

## CNC DOUBLE COLUMN MACHINING CENTER

- Okuma MCV-All, X 118", Y 62", Z 18", W 55", 24 Tool Capacity

## CNC VERTICAL MACHINING CENTER

- Hyundai-Kia VX 650, X 55", Y 26", Z 25", 24 tool capacity.
- Hyundai-Kia VX 400, X 31", Y 18", Z 20", 24 tool capacity.
- Hyundai-Kia VX 500, X 40", Y 20", Z 25", 24 tool capacity.
- Kitamura 4XD, X 43" Y 24" Z-24", 30 tool capacity.

## WELDING & FABRICATION

- 2 – Miller Deltaweld 452
- 1 – Miller Dynasty 350
- 1 – Miller Syncrowave 250
- 1 – Miller CP 300
- Plasma Cutter – Hypertherm Powermax 1000
- Hydraulic Tube Bending/Iron Worker
- Frame Press – 100 Ton
- Zero Cabinet Sand Blaster
- Bendtec BT-3000 Hydraulic Bender

## INSPECTION EQUIPMENT

- Hexagon Global Green 9158 CNC CMM X-35.5" Y-59" Z-31.5"
- CNC CMM X-35.5" Y-59" Z-31.5"
- CMM Software V3.0 R8 Edition 21 IN MCOSMOS-1
- Mitutoyo Mod. BH 710 coordinate measuring machine 28" x 40" x 24".
- Granite Surface Table 36" x 72" with 24" Digital Height Gauge.
- GAGetrak Calibration Software

## ENGINEERING & MANUFACTURING SOFTWARE

- Auto Cad 2022
- Mastercam 2021 w/full 5-axis + multi axis lathe
- EciM1 Completely Integrated ERP
- Preferred File Types .tiff, .dxf, .dwg, .pdf, .step and others.
- Zoller TMS Tool Management Solutions
- NC SIMUL Machining Simulation Software
- PC – DMIS

## VARIOUS VALUE-ADDED EQUIPMENT

- LeBlond Makino – 15" Dia., 60" Lg., with digital readout
- Ingersoll – 15" Dia., 60" Lg., with digital readout
- Dainichi DL – 75x4000 Flat Bed Lathe
- ProtoTRAK DPM3 CNC Mill Tool Room
- Phoenix PA13 Production Saw
- Jake 16" Band Saw
- Marvel No. 8 Horizontal Saw
- Marvel No. 8 Horizontal Saw Mark III
- Fully Functional Crane Capacity up to 15 ton