



EQUIPMENT LIST

CNC VERTICAL MILLING

HAAS VF-12

- 4th Axis Rotary, 32" x 150" Travel

HAAS VF-11

- 4th Axis Rotary, 40" x 120" Travel

HAAS VF-9 50 TAPER (2)

- 4th Axis Rotary, 40" x 84" Travel

HAAS VF-7 50 TAPER

- 4th Axis Rotary, 32" x 84" Travel

HAAS VF-5 XT 50 TAPER

- 5 Axis Capability, 26" x 60" Travel, 10,000 RPM

HAAS VF-5 50 TAPER (2)

- 5 Axis Capability, 26" x 50" Travel

HAAS VF4 SS

- 4th Axis Rotary, 20" x 50" Travel, 12,000 RPM

HAAS VF4 (4)

- 4th Axis Rotary, 20" x 50" Travel

HAAS VF-3 YT

- 4th Axis Rotary, 26" x 50" Travel

CNC HORIZONTAL MILLING

TOSHIBA BP 150 R22 5.9" SPINDLE 50 TAPER

- 160" Cross, 120" Vert., 63" In and Out Travel
- True 4th Axis Rotary Table
- Integral Probe System

TOSHIBA BTD 130H R22 5.12" SPINDLE 50 TAPER

- 118" Cross, 90.5" Vert., 63" In and Out Travel
- True 4th Axis Rotary Table
- Integral Probe System

TOSHIBA BTD 200 QH 7.87" SPINDLE 50 TAPER

- 59" Cross, 47" Vert., 27.5 In and Out Travel
- 4th Axis Rotary Table
- Integral Probe System

SHIBAURA BF-16A 6.30" SPINDLE 50 TAPER

- 360" Cross, 138" Vertical, 60" Spindle Travel
- Integral Probe System

CNC TURNING

DAEWOO PUMA 700L: 39" Swing x 125" Length

DAEWOO PUMA 400LB: 31" Swing x 82" Centers

DAEWOO PUMA 300LC (2): 19" Swing x 50" Centers

SAMSUNG S/3000: 19" Swing x 32" Centers

CNC HORIZONTAL MACHINING CENTERS

MAKINO A61nx

- 20" x 20" Dual Pallets
- 14,000 RPM 40 Taper Spindle
- Full 4th Axis Rotary

MAKINO A81nx

- 25" x 25" Dual Pallets
- 10,000 RPM HSK100A Spindle
- Full 4th Axis Rotary

MANUAL HORIZONTAL MILLS

SHIBAURA - MODEL BFT-13C-W3 (2)

- 118" Cross, 80" Vert.,
- 63" In and Out Travels

SHIBAURA - MODEL BT-10-B

- 74" Cross, 60" Vert.,
- 60" In and Out Travels

SHIBAURA - MODEL BFT-BC-W2

- 95" Cross, 70" Vert.,
- 60" In and Out Travels

WIRE EDM

FANUC ROBOCUT ALPHA C800iB:

- 31.5" X, 23.5" Y, 12" Z

FANUC ROBOCUT ALPHA 1iD:

- 23.6" X, 15.7" Y, 16" Z

FANUC ROBOCUT ALPHA 1iC:

- 21.6" X, 14.5" Y, 12" Z

MANUAL LATHES

KING: 65" Swing, 60" Under Rail,
Mimik Tracer

BERTHIES: 138" Swing, 59" Under Rail

LEBLOND: 20" Swing x 60" Centers

DAINICHI: 36" Swing x 157" Centers

POREBA TPK-90: 34" Swing x 480" Centers

VTL - CNC

TOSHIBA TUE-200s

- 94.09" Swing,
- 78.74" Under Rail
- 50 Taper Live Tooling

TOSHIBA TUE-150s

- 78.7" Swing,
- 60" Under Rail
- 50 Taper Live Tooling

SURFACE GRINDER

KENT 20" x 60" Magnetic Chuck

WELDING CAPABILITIES

MIG and TIG: Steel, Aluminum, Stainless

ASME SECTION 9 CERTIFICATION

AWS D1.1 CERTIFICATION

AWS D1.6 CERTIFICATION

INSPECTION

ZEISS CONTURA: X 47" x Y 94" x Z 49"

ZEISS CONTURA: X 27" x Y 27" x Z 23"

FARO ARM 8FT

ISO-9000 COMPLIANT QUALITY PROGRAM