

## Equipment/Facility List

### **CNC MACHINING CENTERS**

- 1 Kuraki KBT-13A 5" (HBM)  
X=118", Y=90.5", Z=51", W=27.5", 60 tool storage
- 1 KIA KBN 135 5"(HBM), X=118", Y= 79", Z=63"  
W=27.5", 60 tool storage
- 1 Ex-Cell-O, (HMC) twin 48" x 48" pallet exchanger=72", Y=60", Z=36", 99 tool storage
- 1 2100 Viper (VMC), X=81", Y=41.3", Z=32.3", 30 tool
- 1 325 Tree (VMC), X=27", Y=14", W=15.75", Z=6"
- 1 1260 Tree (VMC), X=49", Y=24", Z=30", 32 tool
- 1 3100 Viper (VMC), X=121", Y=41", Z=42.5", 32 tool
- 1 Mustang (VMC), X=41", Y=20", Z=24.5", 20 tool

### **CNC TURNING CENTER**

- 1 Mazak, T2 control 28" swing x 80"cc, 10 tool

### **HORIZONTAL BORING MILL – FLOOR TYPE**

- 1 Wotan 4.7", X=276", Y=67.5", Z=24"
- 2 Kaukauna 4.", X=122", Y=50", Z=30"

### **HORIZONTAL BORING MACHINE – TABLE TYPE**

- 1 Universal 3", X=44", Y=32", W=40", Z=24"

### **RADIAL ARM DRILL PRESSES**

- 1 American, 6' arm, 17" column
- 1 Mueser, 4.5' arm, 8" column
- 1 Carlton 8' arm, 19" column

### **LATHES**

- 1 American, 19.5" swing x 60"cc

### **GRINDERS**

- 1 Blanchard surface grinder 30" table, 36"  
diameter 12" high

### **ADDITIONAL SERVICE EQUIPMENT**

- Static Balancing Equipment
- Vibratory Stress Relief Unit – Bonal Technologies, Meta-Lax

### **INITIAL PROCESSING**

- 1 MG, CNC, Plasma-arc double torch, double table  
(2) 16' x 40'
- 1 ESAB, Avenger 1-14 CNC Cutting Machine
- 1 MG, Apollo, CNC, six torch, oxygen-fuel, table 9' x 50'
- 1 Bug-O, Portable burning machine
- 1 Beveling, cutting capacity thick - Victor
- 1 Bug-O, Circle beveling machine  
inside diameter 2"-22", outside diameter 34"-64"
- 2 Giddings & Lewis (CNC) beveling machines

**SAWS AND PUNCH PRESSES**

- 1 Marvel band saw, CNC, 18" x 20" x 40'
- 1 FMB, automatic band saw, 10" x 12"
- 2 FMB, semi-automatic band saw, 10" x 10"
- 1 Kingsland, 125-ton, Iron worker shearing, punching and notching

**PRESS BRAKES**

- 1 Pacific, 250 ton, length 14'
- 1 Pacific, 600 ton, length 196" mild steel capacity x 14" throat
- 1 Pacific, 1000 ton, length 220" mild steel capacity x 16" throat

**STRAIGHTENING PRESSES**

- 1 Farquhar 250 ton x 42" x 72" bed size
- 1 Lake Erie 400 ton x 96" x 204" bed size

**WELDING AND FABRICATION**

- 17 Aluminum Welders
- 6 D.C. Welders
- 153 Semi-automatic mini-arc wire feed welders
- 1 Submerged arc box beam welder width=2 ½' x height=5' x length=22'
- 1 Submerged arc welding machines
- 1 Vibratory Stress-relief unit, -Bonaf Technologies, Meta-Lax
- 7 TIG Welders
- 4 Plasma Cutters
- 5 Stud Welders

**FINISHING FACILITIES**

- B.C.P. Shotblast cabinet with 10-ton mono-rail system - Blasting Envelops – width = 4' x height = 8' x length = 40'
- Blasting outbuilding to handle large weldments (40' x 60')
- Painting facility with overhead trolley system
- B.C.P. Shotblast cabinet with 20-ton mono-rail system – Blasting Envelope – width = 8' x height = 10'
- Eagle paint booth 26' x 50'
- Koch drying oven 6'6" x 40'
- Therma-Tron-X cure oven 30' x 50' with door opening 9.5' high x 17' wide
- Spray Equipment: Sata, Binks, and Graco Plural mixing & spray equipment
- Spray Methods: Electrostatic, H.V.L.P., High Volume Low Pressure, & Conventional
- Applied Coatings: Epoxy, Urethanes, Zinc Rich Primers, Enamels, & C.A.R.C. Coatings



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**MATERIAL HANDLING**

- 2 3000 lb. capacity lift trucks EE Electric
- 9 5000 lb. capacity lift trucks
- 3 10,000 lb. capacity lift trucks
- 1 20,000 lb. capacity lift truck
- 46 5-ton overhead cranes
- 15 10-ton overhead cranes
- 3 15-ton overhead cranes
- 110 1-ton jib hoists
- 1 Drott Cruz crane 25-ton capacity
- 1 Shuttlelift Carry Deck Crane 15-ton capacity

**TRANSPORTATION**

- 1 Diesel tractor
- 2 48' x 102" Slide Axle Trailers
- 1 53' Quick Draw Covered Trailer

**PERSONNEL**

- Welders qualified to AWS D1.1, D1.2, D1.3, D14.3, ASME Section IX, Tacom 12479550, ABS/MIL-STD-248
- Inspectors certified to ASNT level II Magnetic Particle inspection, Liquid Penetrant inspection and Ultrasonic inspection

**MANUFACTURING SERVICES/ENGINEERING -- CAD/CAM**

- State-of-the art computer aided manufacturing system, including customer interface supporting IGES, DWG, DXF, Step, Solid Works, Kubotek – Key Creator & Gibbs Cam

**QUALITY PROGRAMS/EQUIPMENT**

- ISO-9001-2008 Certified
- ASME Pressure Vessel "U" Stamp Certified
- Lean Manufacturing Certified (33)
- Six Sigma Green Belt Certified (7)
- Material Traceability
- AWS Certified Welding Inspector
- ASNT Level 2 Certified, UT Inspector
- ASNT Level 2 Certified, PT, MT, & VT (3)

**EQUIPMENT/FACILITY LIST**