



## **Heiden Inc. Key Equipment List**

*"Specialists in Stainless Steel, Aluminum Fabrication and Welding"*

### **Engineering - CAD System**

- 3D Solid Modeling using SolidWorks/CADKEY
- Solidworks Simulation
- Lantek Nesting Software
- Romer Arm CMM

### **Laser Cutting**

- 5' x 10' Bystronic 6000 KW FIBER Laser with Automation
- 5' x 10' Strippit 4000 KW CO2 Laser with Automation

### **Stamping/Piercing/Drilling**

- 24 Ton Capacity - LVD Pullmax - 20 Station Turret Press with Servo Drive Auto-Index Stations
- 30 Ton Capacity - Strippit 1000SX - 24 Station Turret Press with Servo Drive Auto-Index Stations
- 60 Ton Capacity - Roselle Press - No 6
- Clausing - 12 Speed Bore Drill
- Various Prototype Assets

### **Band Saws / Shear**

- Marvel 2125A - BC60 Auto-feed Band Saw
- Vertical Band Saw with Workstation
- Horizontal Gravity Band Saw with Workstation
- ¼" Mechanical Shear X 10 feet with Microprocessor and Back Gauge Setup

### **Bending & Forming**

- 175 Ton Hydraulic Brake X 10 ft. Bed with 6-axis computer back gauge
- 135 Ton Brake X 10 ft. Bed with 6-axis computer back gauge
- 90 Ton Brake X 8 ft. Bed with 5-axis computer back gauge
- 60 Ton X 6 feet Cincinnati with CNC Back gauge

### **Inserting**

- Haeger 824 Window Touch Inserter with Auto-Feed
- Auto-Sert AS-7.5 Press Inserter

### **Rolling**

- Acrotech Rolling Machine
- ¼" X 6' Length roller
- 2 - 3' Hand Rollers

### **Metal Finishing**

- 1 - Steelmaster 37" 2-Head Wet Deburring & Finishing Machine
- 1 - Costa 53" 3-Head Deburring & Polishing Machine

### **Welding: Mig, Tig, Resistance: Certified in Stainless, Aluminum, Metal Core, and Flux Core**

- 9 - MIG STEEL Weld Stations
- 3 - MIG ALUMINUM Weld Stations
- 6 - TIG Weld Stations - Which includes Brazing and Soldering Capabilities,
- 4 - Resistance Welding Machines

### **Welding - AWS**

- D1.1 Structural Welding Code - Steel
- D1.2 Structural Welding Code - Aluminum
- D1.3 Structural Welding Code - Sheet Steel
- D1.6 Structural Welding Code - Stainless Steel

- D15.1 Railroad Welding Specification for Cars and Locomotives
- C1.1 Recommended Practices for Resistance Welding
- D8.14 Specification for Weld Quality – Arc Welding of Aluminum
- D8.9 Test Methods for evaluating the resistance spot welding behavior

**Robotic Welding**

- 120" Reach ABB Robot with Fronius Power Source
- 54" Reach FANUC Robot with Lincoln STII Power Source

**Material Handling and Lifting Capacity**

- 1 – 6000lb Toyota Forklift
- 2 – 4000lb Yale Forklift
- 1 – 3500lb Toyota Forklift
- 1 – 4000lb Toyota Stand-up Rider Forklift
- 1 – 2-ton 360° Jib Crane
- 3 – 1-ton 360° Jib Crane
- 3 – ½-ton 360° Jib Crane

**Miscellaneous**

- Grinding and Polishing of Steel, Aluminum and Stainless Steel
- Tube Coping
- Various Assembly and Fastener Capabilities