



# HESTER FABRICATION

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## Key Production Equipment

### **CNC Plate Cutting:**

- Cincinnati 4000 Watt 5x10 Laser (1" mild steel capacity)

### **Sawing:**

- Doringer 12" Mitering Coldsaw for accurate cuts on sections up to 4"x4" with Tigerstop automatic feed stop for fast accurate cuts.
- Marvel Mitering Bandsaw for sections up to 14" x 22".

### **Forming:**

- Cincinnati Proform 230 Ton x 12' 5-axis CNC press brake. 41" deep gauging.
- Extensive tooling mix to form complex shapes and parts.

### **Welding:**

- Lincoln PowerMIG 255 MIG welder (3)
- Lincoln MP350AL Aluminum Welder (1)
- Miller Syncrowave TIG Welders (2)
- Miller Dynasty 350 Inverter TIG welders (3)
- Lincoln Flextec 650 AMP wire feed (1)

### **Machining:**

- Haas VF-6 CNC Mill with 4<sup>th</sup> Axis (new 2017)
- Sheldon 16x30 Lathe
- Bridgeport Manual Mill with 2 axis DRO (2)

### **Tube Bending:**

- Ercolina Top Bender Plus (2-1/2" Tube Capacity) NC Digital Controls

### **Support Equipment:**

- Drill Presses (4)
- Flexarm Pneumatic Tapping Arms 7/8" capacity (2)
- Pemsarter PS4 6 Ton Hardware Insertion Press
- Thermolyne Heat Treating Furnace
- 20" Disk Grinder
- Burr King Belt Grinder/Polisher
- Radius Master tube grinder
- 4" Wide Belt Grinder (2)
- 48" Box & Pan Brake
- 5,000 Lb Forklifts (2)
- Multiple Large Layout & Fixturing Tables
- 4,000 Lb overhead bridge crane
- Dedicated assembly and testing area
- Bluco Welding and Fixturing Tables (2)

### **Software:**

- 4 seats of Solidworks 2018 Professional Including Simulation Professional for FEA, as well as Fatigue, Structural, Vibration, and Thermal Analysis.
- Solidworks Composer for manuals and assembly packages.

### **Business Network:**

- Significant business relationship with material suppliers.
- Solid network of subcontractors for 3D laser cutting, CNC machining, Plating, Coating, and Freight Handlers.