

SHEET METAL HEAVY FABRICATION INVENTORY MANAGEMENT

CUTTING

LASER CUTTING

- 5kw Automated Fiber Laser
- 5kw CO2 Laser
- Part Marking, Inscribing

PLASMA CUTTING

- 120" x 288"
- 288" x 288"

OXY-FUEL CUTTING

- 288" x 288"

WATERJET CUTTING

- 141" x 69"

BAND SAW

- 16" x 25" Square Capacity

FINISHING

WET PAINTING

- Sell-Contained Force-Cure Booth
- Part Envelope: 14' Tall x 13' wide x 50' long
- Heated Forced-Air Dry
- 2 High-Volume/Low Pressure Spray Systems
- Electrostatic Spray System
- Isolated Paint Kitchen

DRY METAL GRINDER

- Rapid, Automated Straight Lining
- 0 to 5" Opening
- 35" max. Width

BELT SANDER

- Manual Straight Lining
- 30" x 10" Table
- 24" Vertical Adjustment

SHOT BLASTING

ASSEMBLY

HARDWARE INSERTION MACHINES

- 36" Throat Depth
- Automatic Hardware Feeders
- Quick-Change Tooling
- 10-Ton Capacity

BENDING

PRESS BRAKES (6)

- 600 - Ton (192" Max. Bend)
- 350 - Ton
- 170 - Ton (122" Max. Bend)
- 143 - Ton (127" Max. Bend)
- 88 - Ton (102" Max. Bend)
- 36 - Ton (40" Max. Bend)

FOUR-ROLL PLATE ROLLER

- 0.75" X 120" Rolling Capacity

MACHINING

VERTICAL AND HORIZONTAL MACHINING CENTERS (5)

- Up to 7500 RPM
- X-Axes: up to 161"
- Y-Axes: up to 79"

PNEUMATIC TAPPER

- 3/8" Capacity
- 22" to 76" Working Range

LINE BORING

WELDING

16 FULLY EQUIPPED WELD STATIONS

- MIG Units
- TIG Units for Specialized Applications
- 7 Platen Fixture Tables
- Welders Certified in AWS D1.1, GMAW, GTAW, FCAW, and MCAW Applications
- AWS-Certified Weld Inspector and Certified Weld Supervisor

SPECIALIZED WELDING CAPABILITIES

- Portable Hand Plasma Units
- Handheld Carbide Beveller
- Track Torches
- Line Welding
- Line Boring

SPOT WELDER

- 75 KVA
- 480 Volts

ROBOTIC WELDING

Quality Management System

Schaffer Manufacturing maintains a robust quality management system centered upon our ISO 9001:2015 certification. Our system is designed to meet or exceed customer requirements through a variety of in-process and final inspection techniques that are individually tailored to verify product conformity.