



Eastern Oklahoma Fabrication, Inc.
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Shop Capability Includes Machine Work, Custom Fabrication & CNC Plasma Cutting

24,000 sq.ft Fab Shop Facilities

We also stock various metals: Angle, Round Bar, Plate, Pipe, etc.

Full Service Machine Shop

EOF's machine shop serves numerous industries including oil & gas, power generation, automotive manufacturing, food processing, heavy equipment, agriculture, and more. We handle both large and small parts, and all type of jobs from production runs to one-offs and prototypes. After-hours and emergency services are available.

MACHINE SHOP EQUIPMENT

Alltra PG14 CNC High-Definition Plasma Cutting Machine with 5-axis Bevel Cutting Capability

20'X12' cutting area, Hypertherm Pronest 2012 nesting/CAM software with auto-nesting, includes ability to cut flat patterns for pipe and HVAC fittings, and the ability to directly import most commonly used CAD file formats including Inventor, AutoCAD, and Solid Works. Hypertherm HPR 260 XD power source capable of severing 2-1/2" mild steel and production cutting 1-1/2" mild steel. Oxy-Fuel torch capable of cutting up to 8" thick mild steel. Able to make straight or beveled cuts on curved surfaces such as heads and baffles for pressure vessels or tanks.

Dynapath 750 CNC Bed Mill

13" X 50" table size, 1700 lb table capacity.

Dynapath DMC E-5 CNC Bed Mill

60" X 20" Table, 16-tool Automatic Tool Changer

Lucas 3" Horizontal Boring Mill

Vertical travel: 36", 4' X 6' Table, 48" Table Travel (both axes). Equipped with adjustable power tailstock for line-boring applications. Three-axis Digital Read-Out. 20,000 lb Table Capacity.

Sharp 24120V Lathe

120" between centers, can turn, bore, and thread up to 24" diameter, taper attachment, 4 1/8" spindle bore.

Ikegai Lathe

20" swing, 60" between centers, taper attachment.

Bridgeport-type Vertical Milling Machines (3 machines)

9"X 42" table. Drilling, milling, and boring, DRO equipped

D.C. Morisson Key Seat Cutter

Used to cut internal key seats. 24" X 27" table, key sizes from 1/16" to 1-1/4".

Knuth SSB50X Vertical Drill Press

Drilling, counter boring, reaming, tapping, and boring. Drilling capacity: 2" mild steel. Multi-rate power feed, capable of handling odd-shaped parts or drilling at an angle.

Carlton 48-15 Radial Arm Drill Press

Power tapping, drill diameters up to 4", bore diameters up to 12". 15" column, 4' radius from column to spindle, and a maximum height from table to spindle of 64 1/2".

Ridgid 1224 Threading Machine

1/4" to 4" pipe capacity, cuts both pipe and bolt threads

DoAll Surface Grinder

Chuck Size: 10 3/8" X 30"

Bortech/Bore Repair Line-boring and Bore-welding System

Capable of welding, boring & line-boring, and facing. Can be used for both in-shop and field applications. Able to repair bores from 1 1/2" to 10" using standard attachments. Additional equipment is available to repair both larger and smaller bores.

H-Frame Press, 125 Ton

Capacity: 60" high, 42" wide, used for straightening, forming, and pressing.

Tri Tool Bevelmaster

Portable pipe beveling, facing, weld prep, and counterboring performance.

DoAll 36" High-speed Friction Band Saw**Ellis 1800 Horizontal Band Saw**

14" flats @ 90°, 9 1/2" flats @ 45°
11" rounds @ 90°

Ellis 3000 Horizontal Band Saw

13" rounds @ 45°, 13 1/2" round @ 90°
19" flat @ 90°

ADDITIONAL SERVICES & EQUIPMENT**ASME Authorized Pressure Vessel Shop**

EOF is authorized to build "U" and "UM" vessels and to make repairs and alterations under the National Board "R" Stamp. These authorizations apply to both field and in-shop work. We use Codeware Compress pressure vessel engineering and calculation software

Welding

MIG, TIG, SMAW (stick). Portable and in-shop capabilities. All ferrous and non-ferrous metals. Arc gouging and Oxy-fuel cutting.

Submerged Arc Welding System

Lincoln Electric DC1000 Power Source and Pandjiris Manipulator. Maximum vessel/ tank capacity is 10ft diameter and 30ft length.

Cincinnati Proform 230 Press Brake

Capacity: 3/8" A36 steel, 12ft length & 1/2" A36 steel, 5.9ft length.

Wysong 1038 Shear

Capacity: 3/8" mild steel, 9/32" stainless steel, and maximum length of 120". Numeric controlled back gage and front gage

Montgomery Plate Roll

Max thickness: 5/8", Max width: 60", Max thickness at full 60" width: 1/4", Min Radius 4". Round bar rolling in 1/2", 3/4", and 1" diameters

Edwards Ironworker

Punching capacity: 1 1/16" in 5/8" mild steel, 7" throat depth

Miscellaneous

Taylor 25,000 lb capacity forklift, misc. forklifts, and overhead hoisting. Hand-powered sheet metal brakes, including a box-and-pan brake. Di-Acro Model 4 bender: bends and rolls rounds, squares, and flats.

Autodesk Inventor 2015

3-D design software, capable of producing a three dimensional model of parts and assemblies. Ability to import and use most commonly used drawing/modeling file formats including Pro-Engineer and Solidworks. Calculation of physical features such as actual weight of a part or internal volume.

AutoCAD Mechanical 2015

The most widely used CAD software.

Application of Industrial Coatings, Painting, and Surface Prep

2400 square foot booth for painting and coating application. We are experienced in the application of numerous types of corrosion-protection coatings, in both spray and brush-grade application, and we have all necessary surface preparation equipment and testing equipment including hardness tester, dry film thickness tester, and holiday tester. A Clemco 600 lb sandblasting pot handles virtually all blasting jobs.