

Advanced Portable Welding

648 Moore Rd.
Avon Lake, OH 44012

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Line Card

Complete Welding, Fabricating, and Machining Services

On-Site & In Shop

ASME Code Shop: Power Piping, Steam Piping, Petro-Chemical Piping, Boiler Repair & Re-Tube, Design, Build & Repair Pressure Vessels & Tanks

AWS/ANSI Code Shop: Sanitary Piping, Medical Gas Piping, Structural Steel & Bridge Repair, Underwater Welding, Underwater Inspection & Repair, Non-Destructive Testing, Inspection: N.D.T. (Non-Destructive Testing), Dye-Penetrant, Mag-Flux, Ultra-Sound

API Code Shop: Pipe, New, Repair, Inspection

Engineering Services: Mechanical Engineering, Welding Engineering, Structural Engineering, Design & Drafting Services.

Services Offered: Complete Fabrication, Welding & Machining- Shop & On-Site, Machine Repair & Modification Services, Boring Mill Work, Marine, Prop, Out Drive, Hull, Underwater Welding & Inspection, Amusement Park Ride Repair, Cell Towers, Structural, Fire Escapes, Elevator Shafts, Ornamental Iron, Bridge Repair, Power Generation Windmills, Power Plants & Water Treatment Plants, Short Run Production: Welding, Machining, Stamping, Custom Machining, Fabrication, Stamping, International Export & Service Teams.

Certified Welders for the Following Materials:

- Pipe: (ASME) Carbon Steel/Carbon Steel
- Carbon Steel/Stainless Steel
- Stainless Steel/Stainless Steel
- 2" to 12", up to Schedule 160
- Structural: (AWS) 1" 3G & 4G, Low Carbon, Medium Carbon
- Stainless Steel: (AWS) E308, E308L, E316, E316L, E309, E321
- Aluminum: (AWS) 6061, 6063
- API: Pipe to 16", Schedule 160

All Metals, All Alloys- Machined, Welded, Fabricated

Mechanical & Millwright Services

- Pump Repairs & Rebuilding
- Shaft & Coupling Alignment, Standard & Laser
- Conveyor Repair & Install
- Reverse Engineering for Obsolete Parts
- Machine Re-Building & Alterations
- Machine Leveling & Machine Installation
- Machine Design & Custom Machine Building
- Welding Cells, Designed & Built
- Augers-Custom Built & Repaired
- Shafts, Pump Shafts, Repair & Alignment & Built, All Types of Materials
- Pump Packing & Re-packing of Packing Gland
- HYD Manifold & Piping, Repair or Replace
- Pipe Threading Up To 4"
- Boiler Re-Tubes & New Steam Headers
- Confined Space Entry Work Certified
- Gear Cutting, Spline Cutting, Custom Gears & Splines
- Sand Castings, Investment Castings, Ferrous & Non-Ferrous Materials
- Sandblasting Cabinet: 2' x 2' x 4', Media Black Beauty
- Glass Bead, Aluminum Oxide, Metal Shot, Plastic Beads, Walnut Shells
- Gear Box Repair, Re-Build, Build & Design
- Key Ways In Shafts & Hubs, 1/8' to 1"
- Valves, Repairing & Re-building
- Hydraulic Pumps & Hydraulic Pump Motor Repairs & Re-Build, All Types