Radiant Tubes

- Fabricated Wrought Tubes
- Cast Radiant Tubes
- Welded to ASME/AWS Procedures
- Machined Prep, Leak Tested
- Insulation, EJs, Flanges
- Any Cast or Fabricated Configuration
- U, P, W, Double P, Recuperative
- Direct Replacement in Furnace
- Up to 300% Longer Life than OEM
Welding
- Welders Qualified to ASME Section IX & AWS D1.1
- SAW
- GTAW
- GMAW
- FCAW
- PAW
- Manipulators
- Robotic Manipulator-SAW, GMAW
- Strip Cladding Weld Overlays

Fabrication & Prep
- Forming & Corrugation Tooling
- Edge Prep Beveler
- Plasma Table
- Ironworker Hole Puncher
- Bentech 15T Tube/Pipe/Rod Bender
- Shear - 10’ Capacity
- Press Brakes to 1,000T/24’ Bed/180” Throat
- Plate Rolls - 10 ft. Width/ 1” Thickness (Larger Capacity Available)

Quality & Certifications
- ASME Section I S-Stamp
- ASME Section VIII, Div. I U-Stamp
- NBIC R- Stamp
- AWS - CWI and AWS-SCWI Welding Inspectors
- Level II & ASNT TC-1A Certified NDE Inspectors
- In-House Visual, PT, MT and PMI
- RT, UT, Ferrite & He Leak Test by Certified Vendors
- Fan Vibration Testing, Balancing & Shaft Run-out Testing

Contact Us:
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sales@alloyengineering.com

Machining
- CNC Horizontal Boring Mill 168” Capacity
- Vertical Turning Lathes up to 110” Capacity x 66” H
- Milling Machines, Drill Presses, Grinders
- Saws
- Pipe End Machining

Lifting Capacity
- 40,000 LBS in house
- 20 feet Under Hook
- 18 feet Shipping Doors