



Heavy Fabrication

Elliott's Jeannette facility fabricates precisely engineered stationary components for very large and very high-pressure centrifugal compressors, steam turbines and hot gas expanders. The capabilities of our skilled, experienced work force include welding, burning, pressing, heat treating and grinding of casing walls, flanges, endplates and nozzles. Welding capabilities include automatic submerged and flux core arc welding, shielded metal arc welding, and TIG welding for all thicknesses.



Capacity to manage multiple projects



General Capabilities:

- ◆ Multiple welding positioners
- ◆ Heat treat furnace to 1850° F
- ◆ Shot blast booth
- ◆ Two CNC burn tables, one plasma station
- ◆ 330-ton press brake
- ◆ 50-ton & 20-ton bridge cranes
- ◆ Three-shift coverage

Weldment Positioner

- ♦ Weld horizontal flanges, endplates and nozzles to casing
- ♦ Positions the weldment at the proper height & angle
- ♦ 2-axis manipulator
 - 1st axis: 140° range of motion
 - 2nd axis: 360° table range of motion
- ♦ Load capability: 55 tons
- ♦ Maximum weldment length: 280"



110M casing on weldment positioner

CNC Gas Burn Table

- ♦ 3-axis cutting torch
- ♦ 4 ft. pit accommodates large casings
- ♦ Casing operations:
 - Burn nozzle openings
 - Casing walls
 - Support feet



60MB casing on burn table

Automatic Submerged & Flux Core Arc Welding

- ♦ Flanges, endwalls, nozzles, barrel seams, jacking blocks

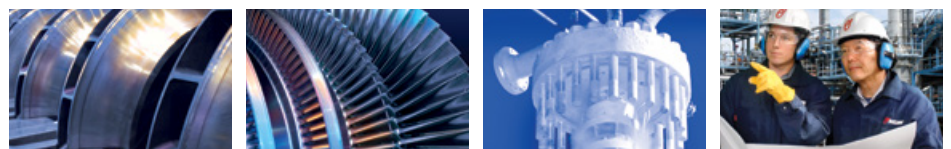


Automatic submerged arc welding



901 North Fourth Street
Jeannette, PA 15644-1473
Phone: 724-527-2811
Fax: 724-600-8442
Email: info@elliott-turbo.com
www.elliott-turbo.com

T H E W O R L D T U R N S T O E L L I O T T



COMPRESSORS ■ TURBINES ■ CRYODYNAMICS ■ GLOBAL SERVICE