



New Orleans Service Center

Elliott's 29,000-square-foot service center in Harahan, Louisiana (New Orleans) is fully equipped and staffed to service and repair virtually all makes, models, and types of rotating equipment. Elliott service centers are registered to ISO 9001 or have structured quality management systems. The New Orleans service center specializes in the following areas of rotating equipment service:

- ◆ Single- and multi-stage steam turbine repairs
- ◆ Centrifugal compressor repairs
- ◆ Mixer, centrifuge, vacuum pump, and blower repairs
- ◆ Gear case repairs
- ◆ Expander repairs - IR, Worthington, Sulzer/GHH, and Rateau
- ◆ Combustion turbine rotor service
- ◆ Inspections and overhauls
- ◆ Innovative weld repair technology
- ◆ Dynamic rotor balancing and vibration analysis
- ◆ Full nondestructive testing by Level II technicians
- ◆ Bucket and blade repair/replacement
- ◆ Diaphragm restoration
- ◆ Custom parts manufacturing
- ◆ Complete machine shop
- ◆ Stress relieving
- ◆ Equipment upgrades and rerates
- ◆ Equipment modifications
- ◆ Rotor storage area

Elliott repair facilities are staffed by qualified personnel with broad experience in repair techniques and procedures. They are ready to respond to your service requirements in a timely manner with the proper equipment. Service is available 24 hours a day, seven days a week.

With more than a century of turbomachinery experience and a tradition of excellence, Elliott can provide you with a single, comprehensive source for all your rotating equipment needs. We know what it takes to keep your equipment performance high and your maintenance costs low.



High bay with two 30-ton bridge cranes.



Elliott TH-140 hot gas expander inlet casing on large horizontal boring mill.



Chlorine compressor overhaul.

Facility

- ♦ Two 30-ton high bay crane capacity
- ♦ Two 5-ton low bay crane capacity
- ♦ 5,000-square-foot, climate-controlled rotor storage

Boring Mills

- ♦ Vertical boring mill: maximum 102-inch swing, 85-inch height
- ♦ Horizontal boring mill: maximum 17-foot x 14-foot table, 7-inch spindle

Lathes

- ♦ Maximum 60-inch swing, 12 feet between centers

CNC

- ♦ 4-axis lathe with two-position turret, 30 tool magazine, and live tooling in all positions; 36-inch swing and 120-inch machining limit
- ♦ Vertical milling center

Dynamic Balancing

- ♦ Maximum 92-inch swing, 40,000 pounds, 2- to 15.75-inch journal range

Other Capabilities

- ♦ Welding: TIG, Stick, MIG, Sub Arc, Pulse TIG
- ♦ Heat treat oven 8 foot x 8 foot x 6 foot
- ♦ Nondestructive testing: magnetic particle, liquid penetrant and ultrasonic
- ♦ Blanchard grinding, 60 inch
- ♦ Surface grinder
- ♦ Drill press
- ♦ Milling



YR turbine repair.



Climate-controlled, vertical rotor storage facility to protect and keep spare rotors readily available when needed.



Turbine rotor forging in 30-inch CNC lathe.



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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

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