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 cost low.

Our repair facilities are staffed by qualified personnel with a diverse experience base in repair techniques and procedures. They are ready to respond to your service requirements in a timely manner with the proper equipment. All Elliott facilities are ISO 9001:2000 certified and support the latest nondestructive testing methods. Service is available 24 hours a day, seven days a week.

Our 24,640-square-foot service shop in Harahan, Louisiana is fully equipped and staffed to service virtually all makes, models, and types of rotating equipment. The New Orleans repair facility specializes in the following areas of rotating equipment service:

- Single and multistage steam turbine repairs
- Centrifugal compressor repairs
- Screw compressor repairs – Howden™, Fairbanks™, and IR™
- Mixer, centrifuge, vacuum pump, and blower repairs
- Gear case repairs (increaser, decreaser, right angle)
- Expander repairs - IR™, Worthington™, Sulzer/GHH™, and Rateau™
- 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
- Specialty shop machining
- Stress relieving
- Equipment upgrades and rerates
- Re-engineered modifications
- Rotor storage area

Reparisions on all makes and models of steam turbine and compressor rotors.

Submerged arc welding is one of the many repair technologies utilized.

Elliott model 4SNV-4, 26,000 HP steam turbine assembly.
Facility
- 60-ton crane capacity
- 6,000-square-foot climate-controlled rotor storage building

Boring Mills
- VBM, max 8-foot swing, 6-foot height
- HBM, max 17-foot-long table, 16-foot travel, 7-inch spindle

Lathes
- Max. 108-inch swing, 29 feet

Dynamic Balancing
- Schenck – 500 pounds / 2,500 pounds / 40,000 pounds

Other Equipment
- Surface grinder
- Drill press
- Milling
- Heat treat oven
- Nondestructive testing

Complete compressor case and component restoration

We perform Elliott, Clark ISO Pac™, Joy™, and IR™ plant air package overhauls.

Our large, climate-controlled storage facility keeps your rotor ready for when you need it.

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