



Baton Rouge Service Center

Elliott's 37,500-square-foot service center in Plaquemine, Louisiana (Baton Rouge) is fully equipped and staffed to service and repair virtually all makes, models, and types of single-stage steam turbines. Elliott's service centers are registered to ISO 9001 or have structured quality management systems. The Baton Rouge service center specializes in remanufactured YR steam turbines for a wide range of applications. Our services include:

- ◆ Single-stage steam turbine repairs
- ◆ Remanufactured YR steam turbines
- ◆ Centrifugal pump repairs
- ◆ Mixer, centrifuge, vacuum pump, and blower repairs
- ◆ Dynamic rotor balancing
- ◆ Full nondestructive testing by Level II technicians
- ◆ Bucket and blade repair/replacement
- ◆ Specialty shop machining
- ◆ Stress relieving
- ◆ YR equipment upgrades and rerates
- ◆ Engineered modifications
- ◆ Climate-controlled rotor and high-value asset storage

Remanufactured YR Steam Turbines

Our remanufactured YR steam turbines are Elliott factory engineered to ensure safety, performance, and reliability. Our extensive replacement casing inventory enables the shortest possible delivery time. Factory documented units ensure future replacement parts fit and function to the application.

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.



Single-stage overhaul, upgrade, rerate, and repair.



Climate-controlled rotor and high-value asset storage.



Rotor balancing.

Facility

- ♦ 50-ton maximum lifting capacity (two 25-ton cranes); 25 feet under hook
- ♦ 25,500-square-foot climate-controlled rotor storage area

Boring Mills

- ♦ Vertical boring mill: maximum 60-inch swing, 54-inch table diameter, 45-inch maximum height
- ♦ Horizontal boring mill: Maximum: 10-foot x 5-foot table, 5-inch spindle

Lathes

- ♦ Maximum 40-inch swing, 20 feet between centers

Dynamic Balancing

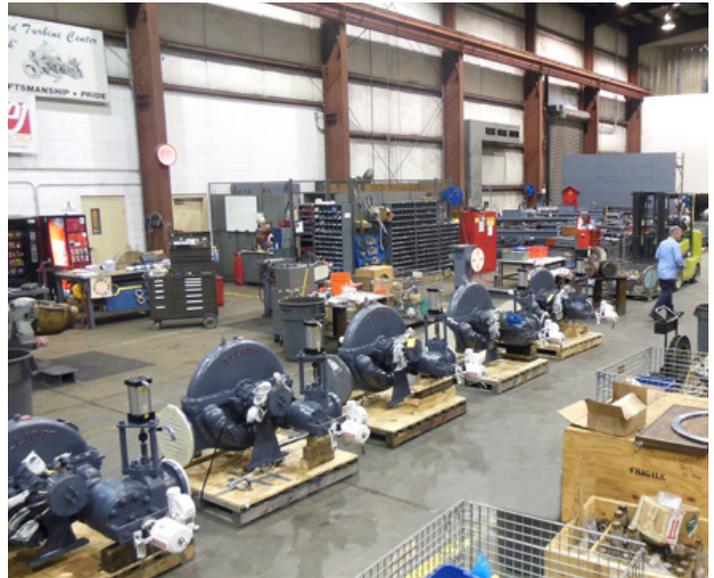
- ♦ Maximum 94-inch swing, 40,000 pounds, 8- to 15-inch journal range

Other Capabilities

- ♦ Welding: TIG, MIG, Stick
- ♦ Surface grinder
- ♦ Nondestructive testing: magnetic particle, liquid penetrant, and ultrasonic



Reassembly of a YR steam turbine.



Elliott YR steam turbines staged for delivery to a Louisiana petrochemical plant.

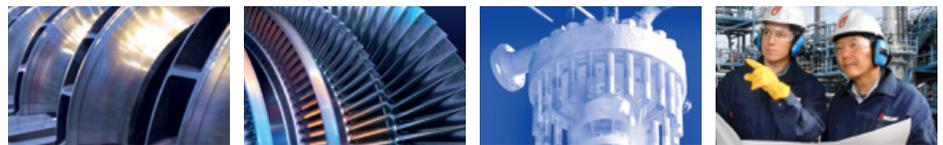


58035 Industrial Boulevard
Plaquemine, LA 70764-5256
Phone: 255-687-1717
Fax: 255-687-1555
Email: info@elliott-turbo.com

www.elliott-turbo.com

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