



Houston Service Center

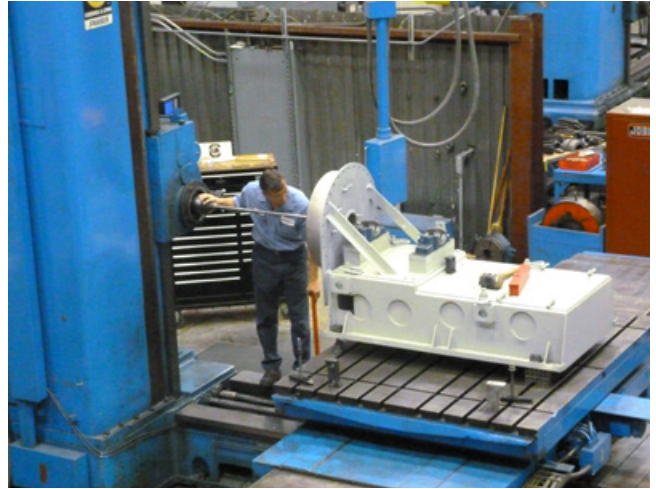
Elliott's 78,000-square-foot Houston service center is fully equipped and staffed to service virtually all makes, models, and types of rotating equipment. Located in northwest Houston, the facility is one of three Elliott service centers located along the Gulf Coast dedicated to the maintenance and repair of turbomachinery for the petrochemical, oil & gas, energy and refining industries.

Elliott service centers are registered to ISO 9001 or have structured quality management systems. The Houston service center provides installation, maintenance, repair, overhauls, parts, rerates, modifications and training. Standard and specialty services include:

- ◆ Single and multi-stage steam turbine repairs with testing
- ◆ Centrifugal compressor repairs
- ◆ Inspections and overhauls
- ◆ Dynamic rotor balancing and vibration analysis
- ◆ Full nondestructive testing by Level II technicians
- ◆ Bucket, blade, and impeller repair and replacement
- ◆ Diaphragm and casing restoration
- ◆ Equipment upgrades and rerates
- ◆ Re-engineering modifications
- ◆ Innovative weld-repair technology
- ◆ Mixer, centrifuge, extruder and fan blower repairs
- ◆ Axial compressor repair

Our global service network provides installation, maintenance, repair, overhauls, parts, rerates, modifications and training. Our service teams have the experience and expertise to keep equipment performance high and maintenance costs low.

The Houston service center includes a climate-controlled vertical rotor storage facility, giving customers rapid access to spare rotors to help minimize downtime during outages. The Houston shop is also the home base for Elliott's YR Steam Turbine Site Service Program, providing on-site inspections and replacement of worn or damaged parts.



Rebuilding a Gardner Denver blower.



78,000-square-foot repair facility.



Balancing a large centrifugal compressor rotor.

Facility

- ♦ 110-ton crane capacity with 15-ton auxiliary, 30 feet under hook
- ♦ 8,000-square-foot climate controlled rotor storage

Boring Mills

- ♦ Vertical boring mill: Maximum 108-inch swing, 96-inch table diameter, 96-inch maximum height
- ♦ Horizontal boring mill: Maximum 20-foot x 16-foot table, 6-inch spindle

Lathes

- ♦ Maximum 48-inch swing, 30 feet between centers
- ♦ Maximum 60-inch swing, 25 feet between centers

Dynamic Balancing

- ♦ Maximum 44-inch, 100,000-pounds, 6 to 24-inch journal range

Other Capabilities

- ♦ Welding: TIG, Stick, MIG, Sub Arc (manual and automatic)
- ♦ Nondestructive testing capabilities: Magnetic particle, liquid penetrant, and ultra-sonic
- ♦ Positive metal identification (PMI)
- ♦ Portable, digital, coordinate measuring machines (CMM)



Climate-controlled rotor storage facility ensures spare rotors are immediately available.



Electrical run-out testing.

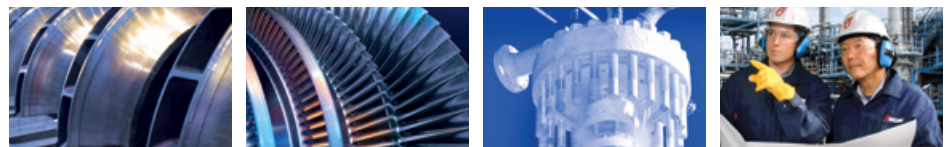


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