



Tianjin Service Center

Elliott Group's new 5,780-square-meter turbomachinery service center in the industrial center of Tianjin supports customers in the oil & gas, chemical, petrochemical, refining, and coal industries. The facility's proximity to the highways around the TEDA Binhai New District and to the Port of Tianjin Xingang simplifies logistics management of equipment and components.

Elliott Tianjin is fully staffed by experienced personnel with expertise in repairing Elliott and non-Elliott equipment. Our team can handle routine maintenance, modify aerodynamic components to improve performance, and repair diaphragms, rotors and casings in emergency situations. The facility includes a dedicated rotor storage area, and specializes in these rotating equipment services:

- ♦ Mechanical drive, single- and multi-stage steam turbine repairs
- ♦ Centrifugal compressor repairs
- ♦ Gear box repairs
- ♦ Inspections & overhauls
- ♦ Innovative weld repair
- ♦ Dynamic rotor balancing and vibration analysis
- ♦ Turbine governor repair and service
- ♦ Hot gas expander repair
- ♦ Turbocharger overhauls and repairs
- ♦ Stress relieving, metalizing, and spray coating
- ♦ Full nondestructive testing
- ♦ Bucket, blade, and impeller repair and replacement
- ♦ Diaphragm and casing restoration
- ♦ Custom parts manufacturing
- ♦ Specialty shop machining
- ♦ Equipment rerates and upgrades
- ♦ Re-engineering modifications
- ♦ Rotor storage
- ♦ Axial compressor repair
- ♦ Blower repairs

With more than a century of turbomachinery experience, Elliott can provide you with a single, comprehensive source for all your rotating equipment needs.



Facility

- ♦ 20-ton maximum lifting capacity, 9.8 meters under hook
- ♦ 200-square-meter rotor storage

Boring Mills

- ♦ Horizontal boring mill: maximum 1.6-meter x 1.8-meter table, 130-milimeter spindle, 10-ton load

Lathes

- ♦ Horizontal lathe: maximum 1.8-meter swing, 8-meter length, 18-ton load
- ♦ Vertical lathe: maximum 2.5-meter swing, 1.6-meter vertical height, 10-ton load

Dynamic Balancing

- ♦ Maximum 2.1-meter swing, 20-tons, 9 to 200-milimeter journal range

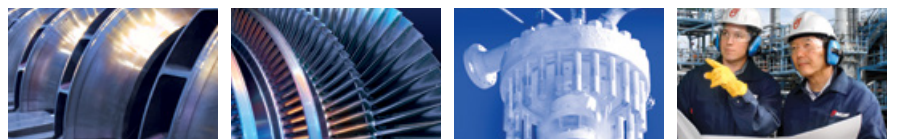
Other Equipment

- ♦ Welding: TIG, Micro TIG and Sub-Arc
- ♦ Nondestructive testing capabilities: magnetic particle, liquid penetrant, and ultrasonic
- ♦ Blast cleaning room: 9.5-meter x 5-meter x 4-meter
- ♦ Heat treatment oven: maximum 700°C, 1.6-meter x 1.6-meter x .8-meter



No. 260, Huang Hai Road,
TEDA, Tianjin, China, 300457
Phone: +86-22-5985-6688
Fax: +86-22-5985-6580
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