



Elliott Group Brazil Service Center

Elliott Group's 14,000-square-foot repair facility in Piracicaba, São Paulo, Brazil, provides comprehensive service to customers in the oil & gas, petrochemical, fertilizer, refining, power generation, and steelmaking industries. Elliott Piracicaba also offers customers 4,000 square feet of climate controlled warehouse for the storage of spare rotors.

Elliott Piracicaba is fully staffed with qualified personnel with diverse expertise in the repair of Elliott and non-Elliott equipment. Elliott's service capabilities include routine machinery maintenance, the repair and overhaul of turbomachinery, re-engineering aerodynamic components to improve performance, and rebuilding complete rotor assemblies in emergency situations. Elliott Piracicaba specializes in the following rotating equipment services:

- ◆ Single- and multi-stage turbine repairs
- ◆ Centrifugal compressor repairs
- ◆ Bucket, blade and impeller repair and replacement
- ◆ Weld repair
- ◆ Dynamic rotor balancing and vibration analysis
- ◆ Turbocharger overhauls and repairs
- ◆ Full nondestructive testing
- ◆ Inspections and overhauls
- ◆ Custom parts manufacturing
- ◆ Gear and bearing repair
- ◆ Rotor storage
- ◆ Axial compressor repair
- ◆ Blower repairs

Elliott Brazil also supplies high-quality, genuine Elliott parts. With more than a century of turbomachinery experience, Elliott provides a single, comprehensive source for all your rotating equipment needs.



Elliott Piracicaba's 14,000-square-foot building features a manufacturing center for custom parts.



Inspecting a weld repair before balancing an Elliott steam turbine rotor.



Elliott Piracicaba's modern repair center is efficiently organized.

Facility

- ♦ 15-ton maximum lifting capacity, 20-feet under hook
- ♦ 4,000-square foot climate-controlled, rotor storage building

Boring Mills

- ♦ Horizontal boring mill: Maximum 51.18-foot x 43.31-inch table, 23.63-inch spindle

Lathes

- ♦ Maximum 55.12-inch swing, 236.22-inch between centers

Dynamic Balancing

- ♦ Maximum 63-inch swing, 17,638-pounds, 35.43- to 173-inch journal range

Other Capabilities

- ♦ Welding: MIG, TIG, Stick
- ♦ NDT capabilities: magnetic particle, liquid penetrant, ultrasonic



Manufacturing custom Elliott turbomachinery parts.

Field Service

Elliott Field Service supervises and executes installation, commissioning, maintenance, repair, and overhauls of Elliott and non-Elliott equipment. The Elliott team has the expertise to solve complex turbomachinery problems and execute upgrades.

Capabilities include:

- ♦ Assisting customer with technical issues on installed equipment
- ♦ Troubleshooting analysis
- ♦ Overhauls and project management
- ♦ Supply of tooling, spares, and materials when needed
- ♦ Training



Elliott's 4,000-square-foot climate-controlled rotor storage facility.



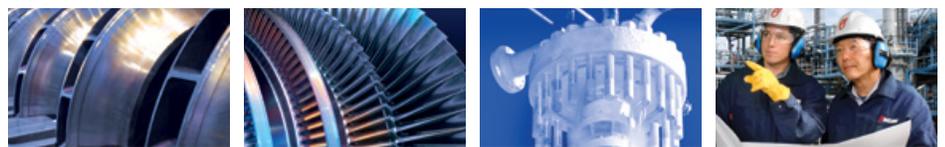
Balancing a new Elliott centrifugal compressor rotor shaft.



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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



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