

Turboexpander-Compressor (Exploded View)

L.A. Turbine is a design and manufacturing company creating application-specific, highly engineered turboexpanders that are used in Hydrocarbon Processing, Geothermal Power Generation, Air Separation and Power Recovery applications. We are also the industry leader in providing expert field service, repair, redesign and spare parts for all brands and configurations of turboexpanders worldwide.

In 2003, L.A. Turbine was formed to meet an identified market need for service of existing turboexpanders. Joined by a handful of veteran engineers from the turboexpander industry, L.A. Turbine made its mark by providing premium services and quick turnaround. As a result, the company saw rapid growth, and in 2007, it made the decision to design, engineer and manufacture its own branded turboexpanders. Currently, L.A. Turbine fulfills global turboexpander market needs by providing new equipment design, repair, and redesign of existing turboexpanders, as well as expert field service and spare parts for all turboexpanders worldwide.

The company's operation is integrated with broad engineering expertise and analytical competency, multi-axial CNC machining capabilities, mechanical assembly, PLC and electrical system design and assembly, complete metal fabrication, and testing facilities that include resonance, balancing, pressure, performance and mechanical run tests.

Sales & Service Centers

Turboexpander Capabilities — All Brands & Configurations

- Failure Analysis | Reverse Engineering | Inspection & Testing
- Repair | Redesign | Refurbishment | Upgrades | Spare Parts
 - Instrumentation/Control System Upgrade & Repair
 - Bearing System Upgrade & Repair
 - Oil Bearing Conversion to Active Magnetic Bearing
- Maintenance & Turnarounds | Installation & Commissioning
- On-Site & Classroom Training



Customer-supplied Turboexpander-Compressor for evaluation and repair.



Turboexpander-Compressor mechanical center section (MCS) redesigned for increased flow and efficiency.



Instrumentation/Control System upgrade to integrate PLC.

Turboexpander Evaluations: For a complimentary evaluation of existing turboexpander equipment or for new equipment needs, please contact any L.A. Turbine location.

Capabilities

New designs of turboexpander product configurations include turboexpander-compressor, turboexpander-generator and expander-dyno (brake) units for use in Hydrocarbon Processing (LNG, LPG, NGL and DPC), Geothermal Power Generation, Air Separation, Refrigeration and Industrial Power Recovery applications.

Aftermarket services provided at any of our two L.A. Turbine service center locations include repair, redesign, upgrades, maintenance and production of spare parts for any turboexpander brand. In addition, a global field service team provides diagnostics, maintenance and emergency support 24/7/365 either on-site or via +1 855 FX-TURBO.

Ready to Help: +1 855 FX-TURBO

(+1 855 398 8726)

- Turboexpander Engineering & Field Technician Specialists
- Worldwide Emergency Response & Support Services 24/7/365
- Global On-Site Arrival Within 24–48 Hours



L.A. Turbine — Headquarters Valencia, CA USA

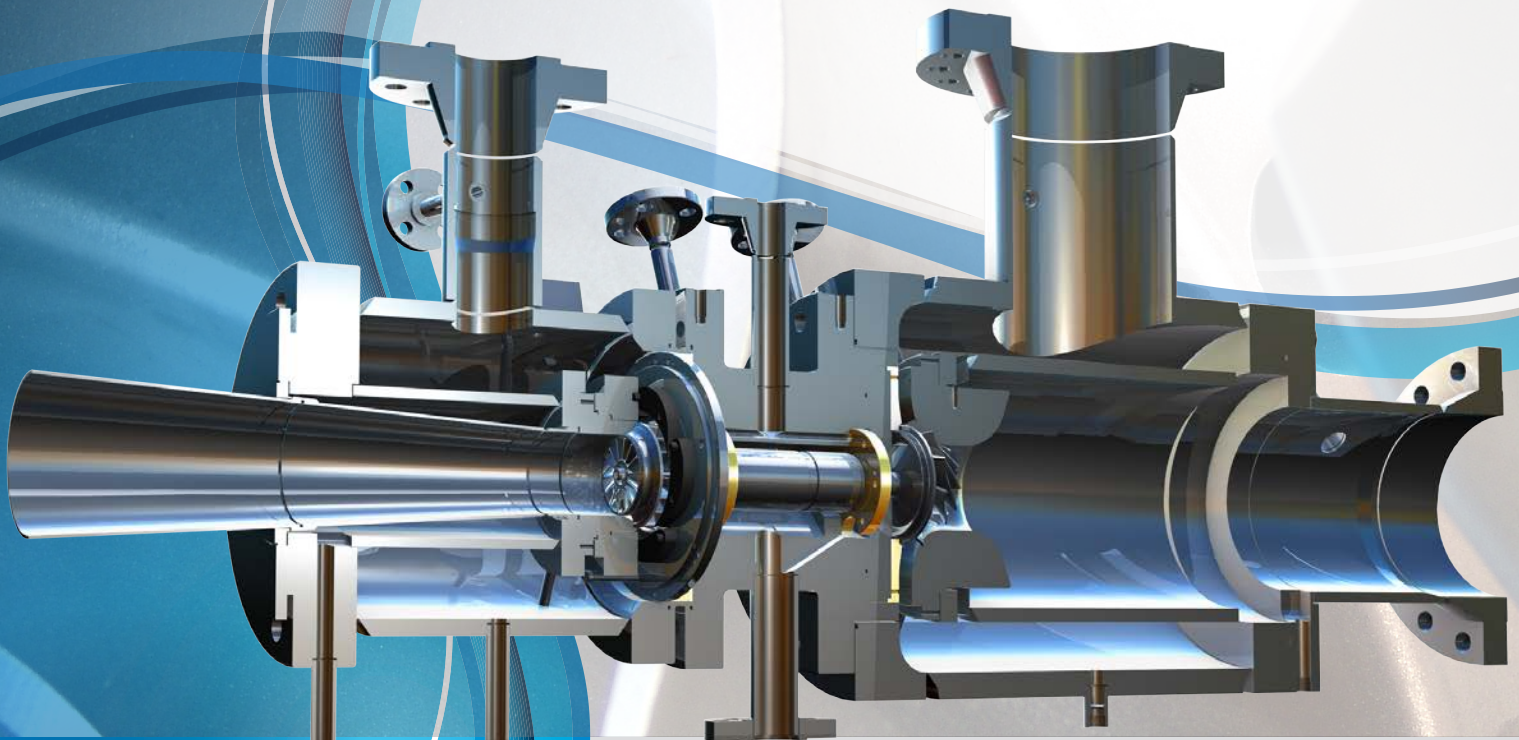


Europe | Middle East | Africa — Sales & Service Center Flémalle, BELGIUM

Learn more at www.LATurbine.com or call +1 661 294 8290.

Turboexpander Service

Rethinking Turboexpanders



24/7/365

Support Services

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