

Why ARES?

Your On-Call Turboexpander Experts

Contact us today for
turboexpander design,
repair or support services.

+1855 FXTurbo™
24/7/365
Support Services

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Turboexpander Design

You Benefit from L.A. Turbine's Turboexpander Design-to-Build Approach

Advantages for EPCs

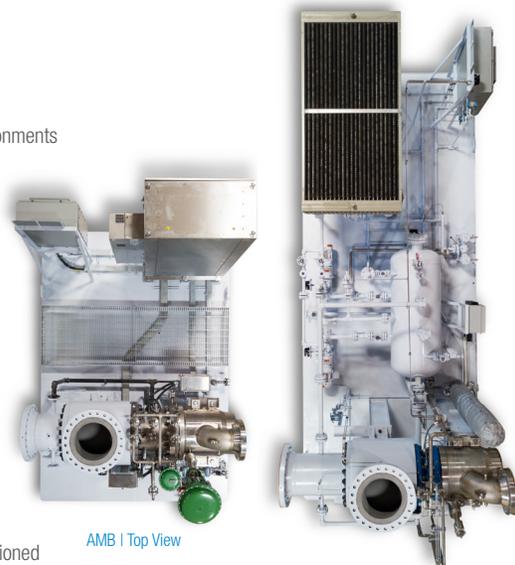
- Delivering quicker-to-market solutions with lower CAPEX
- Customizable for varying plant sizes with two bearing options
- Proven and highly reliable equipment suited for extreme environments
- Design offers vast and flexible operating range
- OEM is proven and trusted turboexpander expert

Advantages for End Users

- Immediate and simplified installation and commissioning
- Generate revenue and ROI faster
- Reduce need for on-site specialists
- Decrease and eliminate ongoing maintenance
- Reduce spare parts inventory requirements

Units in Operation

- Multiple ARES AMB turboexpander-compressor units commissioned
- More than 50,000 hours in operation
- Installed for NGL processing and suitable for a range of hydrocarbon and industrial gas applications
- Designed for 200MMSCFD flow with scalability from 60-400MMSCFD



AMB | Top View

Oil Bearing | Top View

ARES_{LAT}

www.LATurbine.com

L.A. Turbine designs and manufactures application-specific, highly engineered turboexpanders used in hydrocarbon processing, geothermal power generation and other industrial power recovery or refrigeration applications.

The company is also a recognized leader in aftermarket repair, redesign, maintenance and production of spare parts for all brands and configurations of turboexpanders worldwide.

A global field service team provides diagnostics, maintenance and emergency support 24/7/365.

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ARES AMB Turboexpander-Compressor with On-Skid Control System

ARES AMB is the industry's first active magnetic bearing (AMB) turboexpander-compressor featuring a skid-mounted AMB controller and programmable logic control (PLC) panel, certified for hazardous area installation. ARES AMB offers users remote AMB commissioning and built-in condition monitoring due to the digital signal processors and control algorithms of Waukesha Magnetic Bearings' Zephyr Controller.

ARES AMB Configuration

- Pre-engineered & tested solution
- Reduced CAPEX & delivery time
- Small, modular footprint
- Easy install & immediate operation
- Remote AMB commissioning & monitoring
- Greater ambient temp & performance flexibility
- Minimized vendor coordination
- Less ongoing maintenance
- Lower energy consumption & oil-free
- Designed, engineered & built in the USA



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