

# Why ARES?

## Your On-Call Turboexpander Experts

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

**+1855FXTurbo™**  
**24/7/365**  
**Support Services**

© 2021 L.A. Turbine Corporation. All rights reserved.  
Printed in the USA. 1016\_091821

## Turboexpander Design

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

### Advantages for EPCs

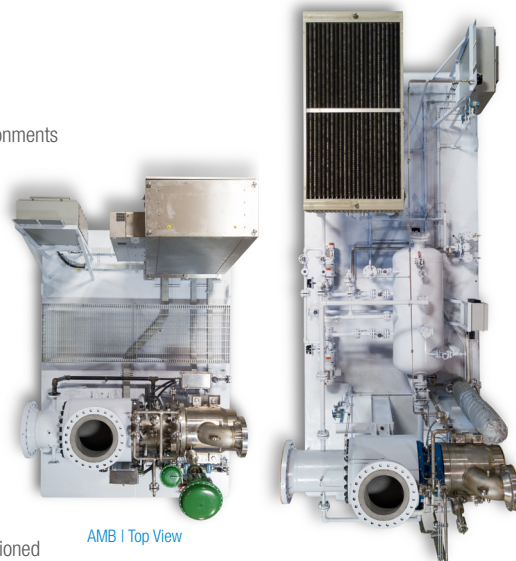
- Delivering quicker-to-market solutions with lower CAPEX
- Customizable for varying plant sizes with two bearing options
- Proven and highly reliable equipment suited for extreme environments
- Design offers vast and flexible operating range
- OEM is proven and trusted turboexpander expert

### 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<sub>LAT</sub>

[www.LATurbine.com](http://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.

**24/7/365**  
Support Services  
**+1855FXTurbo™**  
+1 855 398 8726  
[service@LATurbine.com](mailto:service@LATurbine.com)

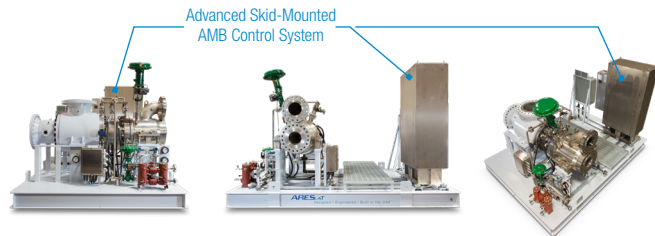


# ARES AMB Turboexpander-Compressor with On-Skid Control System

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



**L.A. Turbine**  
Headquarters & Service Center

28557 Industry Drive  
Valencia, CA 91355 USA  
T: +1 661 294 8290  
[sales@LATurbine.com](mailto:sales@LATurbine.com)

**Worldwide Partners & Agents**



**L.A. Turbine™**  
A Chart Industries Company  
[www.LATurbine.com](http://www.LATurbine.com)