

# CENTRIFUGAL EXPERTISE. ENGINEERED SUPPORT.

Built in response to growing demand, Aero Dynamics is a specialized division of Blake & Pendleton that delivers focused sales, service, parts, and repairs for centrifugal compressor systems.

**WHEN PRECISION MATTERS,  
YOU NEED A TEAM BUILT FOR IT.**



## AERO DYNAMICS

A DIVISION OF BLAKE & PENDLETON

## WHY CENTRIFUGAL COMPRESSORS DEMAND SPECIALIZED SUPPORT

**Centrifugal compressors are not  
standard rotary systems.**

**They require:**

- Advanced diagnostics
- Precision rotor balancing
- Aerodynamic component expertise
- Specialized repair capabilities
- Controls integration knowledge

*This is engineered support — not general service.*



800-894-7856 | [info@aerodynamicsbp.com](mailto:info@aerodynamicsbp.com)  
443 Sixth Street, Macon, GA 31201

# OEM VS. AERO DYNAMICS

## Support That Doesn't Stop at the Manufacturer

OEM service often ends where flexibility begins.

### AERO DYNAMICS DELIVERS:

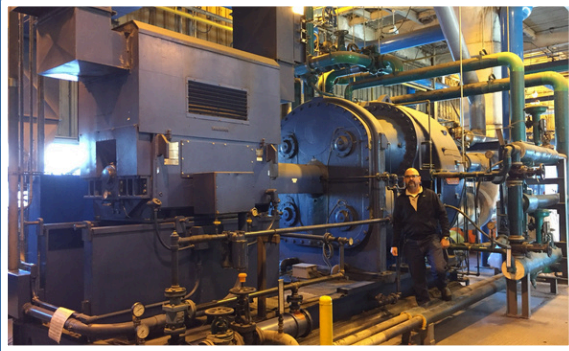
#### OEM-Level Capability

- Remanufactured air ends
- New bearings, seals, impellers & coolers
- Performance re-rates
- Vibration diagnostics
- Rotor balancing

#### Expanded Aftermarket Advantage

- PLC-based control upgrades (Allen Bradley)
- Customized automation, load sharing & auto start/stop
- Repair of discontinued OEM controller components
- Pinion shaft, bearing journal & polygon repairs
- Impeller welding & diffuser vane replacement
- Reconditioned coolers & bearings
- Retrofit inlet guide vane assemblies (all manufacturers)

Local Support. Faster Response. Competitive Pricing.



### Comprehensive Service for Equipment That Demands Specialization

- Sales & system evaluation
- Precision repairs & component restoration
- Controls modernization
- Rentals & dryer service
- Local technical support

Customer-focused solutions — not manufacturer-driven limitations.



**BLAKE & PENDLETON**  
COMPRESSED AIR SYSTEMS

Blake & Pendleton delivers engineered compressed air solutions, OEM-level equipment, and responsive service support to facilities across the region.

Our focus: efficiency, reliability, and long-term system performance.

**SERVING INDUSTRY SINCE 1971**