



A.C.E.
AIR COMPRESSOR EXPERTS

AIR COMPRESSOR PARTS & SERVICE, INC

Your Premier Centrifugal Air Compressor OEM Alternative

**Air Compressor Overhaul | Air Compressor Repair | Air Compressor Parts & Service
Remanufactured Air-End Exchanges | Remanufactured Complete Air Compressor Package**

Machines We Service

At A.C.E., we serve as your one stop shop for all of your compressor repair, overhaul, maintenance and replacement part needs. Our team has been working in the compressor industry for years, and over that time, we've worked on every compressor unit on the market.

From the Centac® and Ingersoll-Rand® family to the Atlas Copco® compressors, we have the capabilities to get your unit back up and running with a quick turnaround. With our proven track record, we aim to be your premier OEM alternative.



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Services

We offer a wide range of compressor services, from simple preventative maintenance to a complete compressor overhaul, we can handle it all. If you are having issues with your air compressor, we can get to the root of the problem. In most cases, we can efficiently repair your unit, saving you a great deal of time and money.

Even if your compressor is on its last leg, our compressor overhaul services can have your unit back up and running just as good as it did on day one. There's a good chance your overhauled compressor will actually perform better than it did in its original state, thanks to our knowledge and experience and the advanced technology of today's tools.

Our emergency services are available 24 hours a day, 7 days a week, and we can take care of the job either on-site, or in-house.

Overhaul • Repair • Maintenance • Air-End Exchanges
Remanufactured Complete Air Compressor Package

Overhauls

Before replacing your compressor unit, we can't recommend enough that you first weigh your options. We can handle just about every compressor repair under the sun, including complete centrifugal compressor overhauls for every make and model. At A.C.E., overhauls are our specialty.

Our skilled technicians have decades of experience in many aspects of the compressor industry, including experience with the manufacturers themselves.

We offer compressor overhauls either on-site or in-house, and we have turnkey availability. Every job our expert technicians perform carries a one-year warranty, so you can rest easy knowing when we get your compressor back up and running, it'll be built to last.



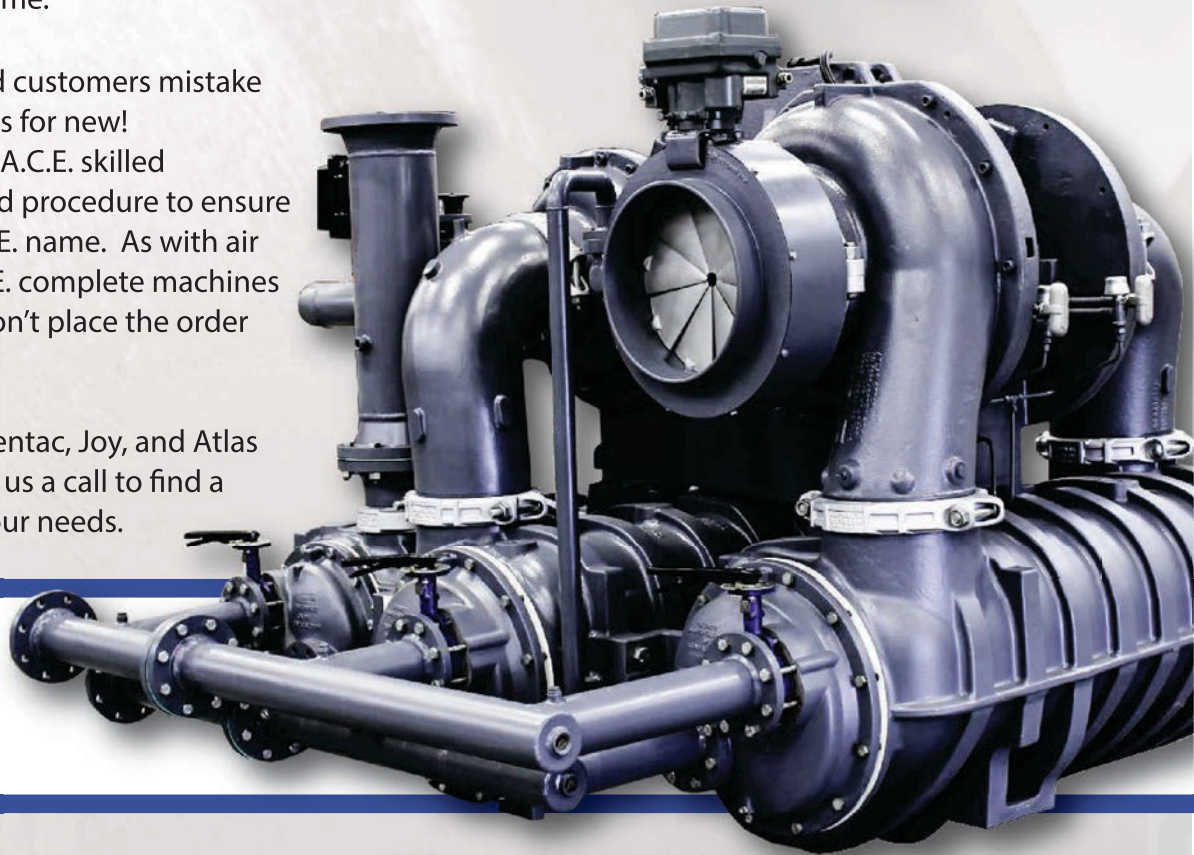
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Remanufactured Air Compressors

Need a low-cost alternative to the high cost of a new compressor? Consider A.C.E.'s remanufactured air compressors. The A.C.E. engineering group will design a remanufactured compressor to your specifications ensuring you get the aerodynamic performance you want. New and/or remanufactured internal components are typically available—just let us know your preference. External to the compressor, all componentry is inspected to ensure a quality package is provided every time.

To go a step further, we've even had customers mistake our remanufactured air compressors for new! Our compressors are assembled by A.C.E. skilled technicians following a documented procedure to ensure a quality synonymous with the A.C.E. name. As with air end exchanges and overhauls, A.C.E. complete machines carry a full one (1) year warranty. Don't place the order for that new equipment just yet.

Remanufactured options include Centac, Joy, and Atlas Copco, as well as many others. Give us a call to find a remanufactured alternative to fit your needs.



Parts & Consumables

For your convenience, we offer a wide variety of replacement parts for all your compressor needs. Many of our parts and products are in stock and can be shipped immediately, including our vast inventory of coolers.

We have replacement parts for all makes and models of centrifugal compressors, and all A.C.E. aftermarket parts come with a one-year warranty.

- **Bearings**
- **Condensate Traps**
- **Couplings**
- **Diffusers**
- **Oil Pumps**
- **Overhaul Kits**
- **Rotor Assemblies**
- **Seals**
- **Probes**
- **Pumps**
- **Filters**
- **Gaskets**
- **Lubricants**
- **& More**

Have a unique and irreplaceable part? No problem. We have state-of-the-art equipment available to reverse engineer any part you might need.

No matter what compressor part you need, or whatever issue you are facing, we will have a solution.

Coolers

At A.C.E., we keep an extensive stock of coolers on our shelves, so you don't have to. We can provide your company with OEM equivalent replacement intercoolers that feature a CTD (*Approach Temperature*) 3°C – 8°C (5°F – 15°F) performance rating.

Our replacement coolers are lead free, the same dimensions as OEM tubes, and are competitively priced. The pure tin-coated copper fins and thick, solid stainless-steel end plate promotes longer life and better performance. They also feature the OEM style neck down tube design and a cooler outer tube made out of copper.

Not only that, but our barrel sleeves are superior to all other sleeves on the market with wider bands to prevent erosion.

We also offer a LIFETIME WARRANTY on all cooler barrels sleeved to A.C.E. standards.

Large selection of sleeved barrel and the largest in stock Centac coolers in North America.



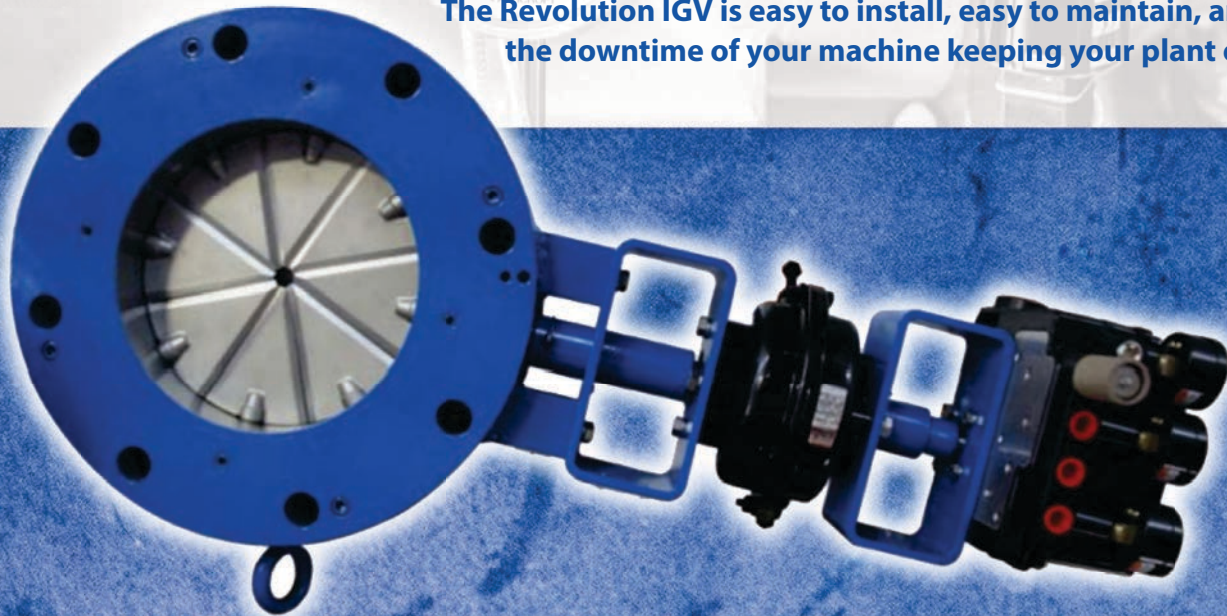
Revolution IGV

Our Revolution Inlet Guide Vanes are the only completely sealed, gear driven IGV on the market. It will help increase your compressor's performance while helping to preserve the integrity of your unit by reducing premature wear.

In throttled mode, IGV's are more efficient than butterfly valves by pre-swirling the air, minimizing power consumption and allowing lower turn down.

Our Revolution IGV will improve the performance over the OEM's such as Ingersoll-Rand®, Atlas Copco®, Cameron Joy®, Dresser® and Elliot®, which utilize linkage, cam or cable driven designs susceptible to premature wear and failure in corrosive environments.

The Revolution IGV is easy to install, easy to maintain, and will reduce the downtime of your machine keeping your plant operational.



Patriot Controllers & Monitors

The Patriot Controller series can replace almost any standard air compressor controller. It is a non-proprietary controller option that can replace the Elektronikon, CMC, MP3, Quad 2000 and just about any other modern controller. It can be used on any centrifugal compressor, as well as any screw compressor. The Patriot controller line is offered as a complete control panel solution or a plug and play type for quick installation.

The A.C.E. Patriot Controller provides the most efficient operation of a centrifugal compressor in the constant pressure mode. The Allen-Bradley PanelView 10" color touch screen interface allows for easy operation and viewing and comes standard on the Patriot. The Patriot Pro uses an integrated 10" color touchscreen and controller to replace any screw compressor controller providing simplified configuration and multiple protocols for remote monitoring and communication to plant systems. Compressors that utilize Patriot Controllers typically save about 3%-5% power on average.

Patriot Sentinel is a utilities monitoring and trending unit that can monitor, track and trend plant utilities for a unit, process or facility. The notifications can help to prevent down time by alerting the operators of needed maintenance. Additionally, plants can see where air is being used, how it is being used, and how much it is costing to produce.

The best part? No matter which Patriot product you choose, the results will lead to cost savings.



State-of-the-Art Equipment

At A.C.E., we have state-of-the-art equipment to assist us with quality control, part inspection, dimensional analysis and reverse engineering, to name a few. This allows us to identify even the slightest inconsistencies and reverse engineer parts with pinpoint accuracy.

Faro Arm:

The Faro Arm is the leading technology for casing alignment, part inspection, and reverse engineering. This tool uses laser probe scanning for data acquisition to ensure correct tolerances and quality.

Hofmann Balance Machine:

The Hofmann Balancing Machine allows us to analyze equipment issues with incredible accuracy. With it, we can balance to any certification: API, ISO G2.5, SAF/ARP, etc.

Know that when you choose a product or service from A.C.E., you are getting performance at the cutting edge of technology.



Seminars

We offer information and practice during our hands-on training seminars to equip attendees with techniques for use in compressor care. The seminar covers topics of compressor systems, troubleshooting, log sheet analysis and much more.

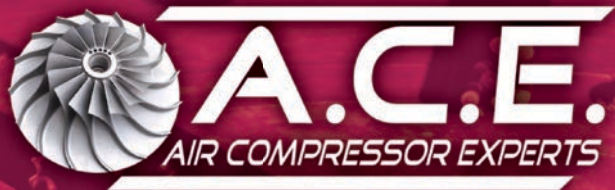
These two-day training sessions cover "real-world" issues that will help educate you on how to approach issues, and what the best possible solutions might be.

Training Stations Include:

- Atlas Copco®
- Joy®/Cameron®
- Classroom & Hands-On Instruction
- Troubleshooting
- Daily Maintenance
- Disassembly & Reassembly
- Vibration & Valve Calibration
- Condensate & Cooler System

For more information on upcoming seminars & training,
call us at (866)383-0016.





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