

# AIREND OVERHAULS

PROTECTING YOUR AIREND IS OUR BUSINESS

JHFoster is very aware of the competitive environment in which all businesses operate today. We realize that it's of utmost importance to maximize your investment in plant operations, especially in equipment vital to production, such as the rotary screw air compressor.

The rotary screw compressor is essential to the production of virtually all products and since most production equipment utilizes compressed air in some fashion, controlling downtime and efficiency of the air compressor is of primary importance. The main component of the rotary screw air compressor is the compression chamber, commonly referred to as the airend. The airend contains gears and seals, as well as rotors which are supported by bearings, and the failure of any of these components can have a catastrophic effect.

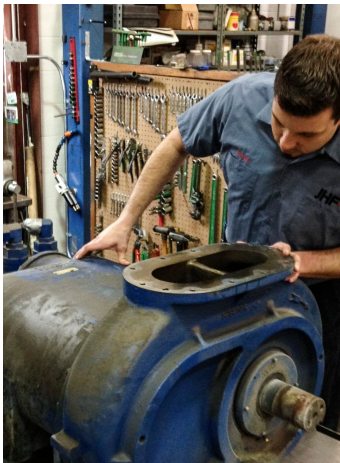


## AIREND PROGRAMS

To help ensure reliability and optimal performance, JHFoster has incorporated two programs as an integral part of its service capabilities – airend monitoring and airend rebuilding.

### AIREND MONITORING

The airend monitoring program consists of monitoring and tracking of the airend status. Our capabilities allow us to gauge the condition of the bearings and other critical components in order to predict failure. Predictive monitoring also allows us to analyze the condition of the airend to allow time for scheduled repair, drastically reducing turnaround time and lost productivity.



### AIREND REBUILDING

In the event of a failure, the airend rebuilding program offers quality rebuild capabilities unmatched in the industry. Our rebuild can result in a 50% reduction in overall cost versus factory exchange or a new airend. During the rebuilding process, airends are completely disassembled with all seals, bearings and O-rings replaced. Repairing damaged rotors, rebuilding oil pumps, metalizing the shafts and other internal repairs are performed as necessary. All components are then reassembled, clearances are checked, and airends are spun to a final check.



Our factory-trained service technicians have over 150 years of combined service training and a proven track record of successfully performing over 1,000 rebuilds making us uniquely qualified to repair and recondition airend units.

For more information regarding your rotary screw air compressor and how our airend monitoring and rebuild capabilities might benefit you, contact our Service Department at [serviceadvisors@jhfooster.com](mailto:serviceadvisors@jhfooster.com) or 651.452.8452.

*John Henry Foster (JHFoster) is a leading distributor and service provider of automation and compressed air systems. Our mission is to assist companies like yours automate their manufacturing applications to make the process a positive journey. We are committed to providing successful solutions that exceed production demands, reduce costs, and increase overall efficiencies.*

*Headquartered in Eagan, MN, with an advanced robotics training facility and UL 508A certified control panel shop, we also offer a fully-equipped team of mobile technicians who provide service to the 5-state area. Contact us today at 800.582.5162, visit [jhfooster.com](http://jhfooster.com) or email to learn more about how you might benefit from knowing us.*

# COMPRESSED AIR & VACUUM EQUIPMENT, SERVICE & MAINTENANCE

Stay focused on your business, not on maintenance or repairs





# AIR EQUIPMENT MAINTENANCE & REPAIR

## AVAILABLE 24/7

John Henry Foster (JHFoster) offers the complete package when it comes to maintaining and servicing your compressed air system. Proper maintenance is crucial to maintain not only performance and efficiency but also to maximize the life expectancy of your compressed air equipment. For over 80 years, JHFoster has offered maintenance and repair, including major airend overhauls on most brands of compressors. 24-Hour Emergency Service is also available in order to minimize unexpected and costly downtime. We want you to stay focused on your business, not on maintenance or repairs.

### OUR SERVICE EXPERTS

JHFoster's service technicians have extensive training in providing maintenance and repairs on most brands of compressors. Our commitment to staff training is ongoing with our service technicians offering customers over 150 combined years' experience. We are usually able to repair compressed air equipment with just one service visit due to our extensive in-stock parts and are capable of handling most repair and maintenance challenges in your facility.

### MOBILE AND METRO SERVICE TECHNICIANS

JHFoster's technicians offer service and maintenance on most brands and parts of compressed air systems within the greater five-state area including Minnesota, North Dakota, South Dakota, Wisconsin and Iowa. Our mobile and metro service staff are equipped with the latest tools and repair parts to ensure that your compressed air system maximizes its on-line performance and reliability to support your production requirements. In order to provide you with timely, reliable, one-trip service, we maintain a fleet of 4x4 service trucks and long distance service vehicles that are stocked with a vast selection in repair, maintenance parts, and lubricants. We offer a variety of service programs designed to provide regularly scheduled or on demand service to accommodate your schedules and emergencies.

### INSIDE SERVICE COORDINATORS

Our service advisors are adept at troubleshooting in an effort to save you time and money. Often we are able to walk you through a process to resolve the challenge directly over the phone.

### MAINTENANCE CHECKLISTS AND EQUIPMENT EVALUATION & ASSESSMENT

Our experts at JHFoster can provide you with maintenance checklists and air compressor maintenance manuals to ensure your compressors are getting the regular maintenance they need to perform at full capacity. An air system assessment is perfect for customers who have their own technicians on staff who would value from a compressor equipment evaluation and equipment assessment to verify equipment is working properly, suggest minor adjusting and provide system recommendations.



# COMPRESSED AIR SERVICE PROTECTION PLAN

Reduce costly downtime by performing regularly scheduled maintenance on air compressors and related equipment. JHFoster now offers a compressed air service protection plan that can increase production reliability, reduce downtime, and serve clients in an emergency. JHFoster's trained technicians will streamline your maintenance program, enabling you to stay focused on your business and not on wondering whether your system is up and running smoothly.

parts@jhfooster.com

800.582.5162

JHFOSTER

John Henry Foster.com

Automation • Robotics • Compressed Air • Service

Worry Free in 1-2-3



Subscribe to our Compressed Air Service Protection Plan

Stay focused on your business, not maintenance

1

Knowing your equipment and hours run, we schedule maintenance throughout the year to best service you. We are available 24-hours, 365 days a year.

2

On our Service Protection Plan, you're getting factory-trained service techs every time and genuine parts throughout the year to help you stay within warranty standards.

3

Having an issue with your equipment? Under our Protection Plan, you'll receive priority status for emergency and same-day service, if needed.

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Headquartered in Eagan, MN, with a location in Fargo, ND, we also offer a fully-equipped team of mobile technicians that provide service to the 5-state area. Contact us today for more information on either program by emailing [parts@jhfooster.com](mailto:parts@jhfooster.com) or by calling **800.582.5162** and asking for our Compressor Parts Department.

We have you covered

Oil Samples

Checking oil levels

Observing temperature

Replacing filters

Performing Maintenance

Safety Checks

Cleaning Coolers



### COMPRESSED AIR EQUIPMENT PARTS & ACCESSORIES

JHFoster maintains a vast inventory of over \$3M in compressor units, parts and accessories to ensure optimal performance of your compressed air system equipment. Being a complete compressed air system service provider, we are capable of servicing, maintaining and sourcing OEM and aftermarket parts for all brands and types of compressed air equipment. For over 80 years, our goal has been and continues to be our dedication to offering you the highest quality and state-of-the-art products and services available in compressed air systems design and operation.

Contact our Compressor Parts Department at 651.681.5739 or [parts@jhfooster.com](mailto:parts@jhfooster.com) for more information.

