

Contact-Cooled Rotary Airend Reman

Ingersoll Rand, as a professional manufacturer with extensive experience in the design, production and maintenance of air compressors, has been widely recognized by customers for its innovative and diverse product offerings, exceptional service and reliability. Particularly in the area of air compressor Reman/overhaul, Ingersoll Rand boasts specialized overhaul workshops and equipment, sophisticated technology and craftsmanship and stringent quality control measures. With comprehensive overhaul plans and a variety of overhaul services, Ingersoll Rand caters to the increasingly diverse needs of customers, creating significant value for the efficient operation of air compressors.

Ingersoll Rand's Reman process embraces the concept of sustainable development, utilizing old equipment and applying specialized techniques to perform a new manufacturing process. This revitalizes old machinery, achieves energy saving, environmental conservation and extends the lifecycle of the machines!

Why it is crucial to perform overhaul for compressors?

As compressors operate under high temperature and high load for a long time, its performance may deteriorate along with the increase in service life due to mechanical wear, corrosion, aging and improper maintenance and etc. Periodic overhauls helps to eliminate these potential risks and restore good compressor performance.

Signs of Deteriorated Performance

- Reduced efficiency & air capacity
- High vibration & noise
- Aged components with a high failure rate
- Airend & main motor malfunction
- High-temperature alarm cannot be solved via onsite repair

Benefits of Timely Overhauls

- Higher efficiency & lower unit energy consumption
- Improved reliability and safety
- Less unplanned downtime
- Reduced repair cost
- Fixing some troublesome issues

Ingersoll Rand Reman Business Strength

- Professional reman center, clean workshops and professional equipments
- Ability to conduct up to 18 overhaul process
- Genuine IR spare parts
- Detailed and professional overhaul report
- Extended warranty
- ISO 9001:2008
- ISO 14000:2004
- 7*24 toll-free service hotline
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Business Scope

Ingersoll Rand offers customers two innovative business models tailored to their needs: Back-to-factory and exchange, which include six different airend Reman solutions to meet various customer requirements. All airend Reman utilize genuine Ingersoll Rand parts and come with a 12-month warranty, ensuring customers have a peace of mind.

Airend Reman

1. Exchange

- Rotatable airend exchange for refurbished airend
- Un-rotatable airend exchange for refurbished airend
- Rotatable airend exchange for new airend
- Un-rotatable airend exchange for new airend

2. Back-to-factory overhaul

- Rotatable airend overhaul
- Un-rotatable airend overhaul



In addition to the six different airend reman services mentioned above, we also offer new airend spare parts services and energy saving rotary complete overhaul and upgrade.



Factory Overhaul

Ingersoll Rand's overhaul service is designed for customers who need maintenance and repair work on their existing compressors. We priced our services based on if the airend rotor is rotatable or not. This enables quick quotes based on airend damage level.



■ Advanced Process & Quality Control:

- Complete processes, including disassembly, cleaning, inspection, clearance adjustment, painting and etc.
- Professionally trained & certified skilled overhaul & maintenance technicians
- Certified quality assurance and service customer centers stringent quality control

■ Widespread Service:

- Nationwide service network for quick onsite service
- Professional overhaul service for almost 1,000+ customers every year in APAC

■ High Reliability:

- Scheduled unit Reman for more elaborate work
- Professional genuine repair & inspection which ensure the unit to meet all operation requirements

Exchange Business

Ingersoll Rand provides 4 types of Airend Exchange Services for customers with no backup compressors. Once the exchange airend arrives, we can finish installation immediately.



■ "No Wait" Lead Time:

- On-site disassembly and assembly of overhauled airend in one stop
- Shorter exchange period for less downtime loss of customers

■ Reduced Operational Cost:

- Greatly reduced operational cost for customers to wait
- Reduced unit operational risks and cost of customers due to high reliability

■ Simple Operation Process:

- Simple process from contract signing to assembly to startup
- No secondary confirmation for simplified customer approval process

Actual Cases



Ingersoll Rand Inc. (NYSE:IR), driven by an entrepreneurial spirit and ownership mindset, is dedicated to Making Life Better for our employees, customers, shareholders, and planet. Customers lean on us for exceptional performance and durability in mission-critical flow creation and industrial solutions. Supported by over 80+ respected brands, our products and services excel in very complex and harsh conditions. Our employees develop customers for life through their daily commitment to expertise, productivity, and efficiency. For more information, visit www.IRco.com.



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