



Achieve The Highest Performance Levels With The Lowest Maintenance Costs

Experience complete peace of mind for your project with Ingersoll Rand's Aftermarket Solutions. Our expert engineers work constantly to ensure the efficient operation of your engineered-to-order air & gas packages.

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01. Introduction

YOUR AIR & GAS ENGINEERED-TO-ORDER PARTNER

At Ingersoll Rand **we have been managing and implementing engineered-to-order air packages for complex technical requirements for over 60 years.**

We provide specialized custom compressed air, gas, nitrogen, and oxygen generation packages to international EPC contractors and engineering companies across a range of industries.

Thanks to the consolidated experience of our partners and brands, Ingersoll Rand is capable of **understanding client specific needs and requirements, allowing us to be with you through every step of your project's life-cycle. We can quickly design the most effective customized solution, giving you total peace of mind.**

We are a leading global business provider, offering custom-made products to satisfy a range of customer needs based on:



**Market to Order
(MTO)**



**Engineering to Order
(ETO)**



**Special configuration and Project
Lifecycle Support (PLS)
for complex projects
and EPC contractors.**



02. Aftermarket Services Benefits

Our dedicated team of expert engineers and technicians possess a deep understanding of your needs, application, and custom equipment modifications. Our team is involved during the whole project life cycle and is able to provide the bespoke maintenance solutions to ensure your project runs with the highest levels of efficiency and performance. What you can get:



**Highest
Performance**



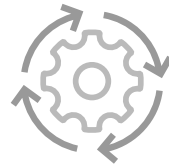
**Maximum
Efficiency**



**Lower
Maintenance**



**Lower Cost
of Ownership**



**Increased
Uptime**



**Longer Life
Expectancy**



**All Brands
Served**



**Peace
of Mind**














**Global
Presence**

03. Custom Service Plans

MAINTENANCE SOLUTIONS FOR YOUR SPECIFIC NEEDS

Ingersoll Rand offers tailored service agreements that are designed to meet your specific project needs with access to a wide range of service scopes. Our engineers are here to help you to achieve the highest quality service.

PRE-COMMISSIONING & COMMISSIONING	SERVICE AGREEMENTS SCOPE					
Ingersoll Rand helps you to solve the most complex start-up troubleshooting, helping to get your packages operating correctly. What you can get includes:	Ingersoll Rand tailors aftermarket services to meet your unique requirements. What you can get includes:					
	I have something that is broken	I aim to schedule regular and proactive inspections	I want my equipment to operate with greater efficiency and performance	I wish to safeguard my investment	I need to obtain genuine spare parts for updates	I would like to arrange in-depth training on a specific machine for my operations team
<div> Assembly Supervision</div> <div> Commissioning</div> <div> Site Training</div>	<div> Breakdown & Repair</div>	<div> Preventive Maintenance</div>	<div> Redesigns & Efficiency Upgrades</div> <div> Inventory Checks & Equipment Audits</div>	<div> Warranty Programs</div> <div> Preventive Maintenance</div>	<div> Genuine Spare Parts</div>	<div> Customer Trainings</div>

Contact us to choose the best solution for your project!

04. Register Your Product

Maintaining your Air or Gas Compressor, as well as your Nitrogen and Oxygen packages, is crucial to reduce the total cost of ownership and maximize each machine's life. We can help you conduct all necessary maintenance works on time and keep track of the condition of your equipment.

We invite you to register your Air Compressor, Gas Compressor or Nitrogen packages.

Click the button and fill out the information to register your product!

REGISTER NOW








05. Preventive Maintenance Plans






Ingersoll Rand's Preventive Maintenance Plans offer a range of services tailored to your machine and application requirements. **These plans include overhauling and replacing critical components or parts, as well as field technician's inspections to identify potential issues that could affect your production.**

By choosing our Preventive Maintenance Plans, your equipment will receive the **highest level of care, resulting in the maximum performance level, increased uptime and cost savings.**

Our team provides:

-  Machine overhaul
-  Spare parts order and intervention planning
-  Inventory checks & equipment audits
-  Detailed reporting and advice per service intervention
-  Recommendation of a tailored maintenance plan for your specific application and site conditions

Get the benefits of preventive maintenance plans, including:

-  Lowest total cost of ownership
-  Increased uptime
-  Minimum unplanned costs
-  Maximum performance
-  Ensure structural, operational, & piping integrity

WARRANTY PROGRAMS

Even the most reliable products require routine servicing and maintenance. That is why we provide a 12 month manufacturer's warranty as standard. We also offer bespoke extended warranty plans that can be discussed with our team as part of a preventive maintenance plan for you.



06. Breakdown & Repair

Unplanned machine stoppage can lead to costs linked to a delay in productivity. Conducting a thorough root cause analysis is essential to ensure optimal machine functionality. **Thanks to our vast experience and the access to all the technical equipment specifications of your custom machine, we can typically establish the cause of problems quickly.**

OUR TEAM PROVIDES:



Perform a detailed machine inspection



Complete restoration & optimization for your application



Offering of a range of repair and upgrade options, allowing you to select the course of action that best suits your budget and needs

GET THE BENEFITS OF BREAKDOWN & REPAIR:



Quick turnaround time for repair



Restore factory performance & reliability



Incorporate safety & performance upgrades

REDESIGN & EFFICIENCY UPGRADES

Whether your compression, nitrogen, or oxygen requirements have changed, or if you are just looking for increased energy efficiency, **Ingersoll Rand offers a variety of redesign, reconditioning & efficiency upgrades that can improve operating efficiency.**

OUR TEAM PROVIDES:



Machine redesign & refurbishment upgrades



Onsite commissioning & training

GET THE BENEFITS OF REDESIGN & EFFICIENCY UPGRADES:



Productivity boost



Enhanced efficiency



API, ATEXT, ISO compliant upgrades & other certificates



More safety



Cost savings avoiding new purchases



07. Genuine Spare Parts & Lubricants

PROTECT YOUR INVESTMENT

Genuine Ingersoll Rand genuine spare parts and lubricants ensure that compressor and nitrogen packages **ensure reliability and efficiency are maintained at the highest standards.**

Only original Ingersoll Rand spare parts fulfill the stringent manufacturing standards needed to **guarantee the safety and uninterrupted uptime of your equipment, as well as maintain your warranty.**

Even if our equipment was installed years ago, our experts can efficiently address your service requirements with the correct parts.



Get the Benefits of Genuine Spare Parts:



Extended Equipment Life, Even Under Arduous Conditions



Maximum Efficiency – “As Designed”



Parts Manufactured Within the Strictest Quality



100% Compatibility



Maximized Plant Uptime



Minimal Losses Contributing to Energy Savings



Maximum Safety



Minimum 1 Year Manufacturer's Warranty

08. Precommissioning & Commissioning

THE START OF A LONG RELATIONSHIP

Our experienced commissioning engineers are **at your service on site**, setting up your machine to achieve peak functionality.

Thanks to their comprehensive understanding of the machinery and its controls, **our expert engineers not only prioritize safety but also optimize performance to the highest standards.**

The commissioning process transcends a simple transfer of equipment ownership; it signifies the start of a long partnership. Our Aftermarket team, having been involved from the very beginning, stands as the premier option for continuous service support. This includes everything from Preventive Maintenance to redesign & efficiency upgrades, ensuring your machine's longevity and efficiency.



Our team provides:



**On-Site Expert Support
During Machine Start-Ups**



**Full Commitment Until The Equipment
Operates Seamlessly**



**Safe & Technically Sound Start-Up To
Initiate Warranty**



**Official Certification Of Completion
And Handover To The Customer**



Customer Trainings

Get the benefits of redesign & efficiency upgrades:



Highest performance levels



Enhanced efficiency



Cost savings avoiding new purchasings



More safety

09. Control Systems

Ingersoll Rand's control systems enable you to manage your compressed air systems with ease, enhancing system reliability and improving efficiency. The system information and notifications help you identify increased demand or system malfunctions, allowing you to continually optimize the compressed air solution, **granting you complete control at your fingertips.**

Our air compressor control systems can **help you visualize and optimize performance, which can reduce waste, lower energy consumption, and save you money.**

Features:

- Remote monitoring and control
- Event history and diagnostics
- Complete integration of plc (programmable logic controller)
- Designed for harsh and hazardous environment
- Meet international standard codes
- Enhanced by including safety integration level (SIL) and system redundancy



Get the benefits of Control Systems:



**Integrated according to
project specifications**



**Reduced maintenance
costs**



Easy to use



Energy Savings



Improved air quality



Improved safety

10. IIoT Real-time Remote Monitoring

HELIX™ CONNECTED PLATFORM: REAL-TIME MONITORING

The Industrial Internet of Things (IIoT) helps you to remain competitive into the future. Proactive maintenance, also known as Predictive Maintenance (PM), is an important core aspect in the implementation of IIoT in a company, which should undoubtedly be included in your planning process.

Helix™ Connected Platform monitors supply compressed air users with comprehensive machine data in real time, which is required for precise production planning, maximum operational uptime and to protect your investment. Enabling Helix™ monitoring are advanced sensors inside the compressor that **send data on a regular basis to our cloud-based platform that you can access anytime.**

Features:

- Advanced remote analysis
- Real-time knowledge about air systems
- Evaluates historical data
- Predictive maintenance



Get the benefits of Helix™ Connected Platform:



Maximize uptime



Cost savings



Maximises energy efficiency



Highest air quality



More safety



Works to an open standard - easily support compressed air products from other manufacturers

11. Ecoplant

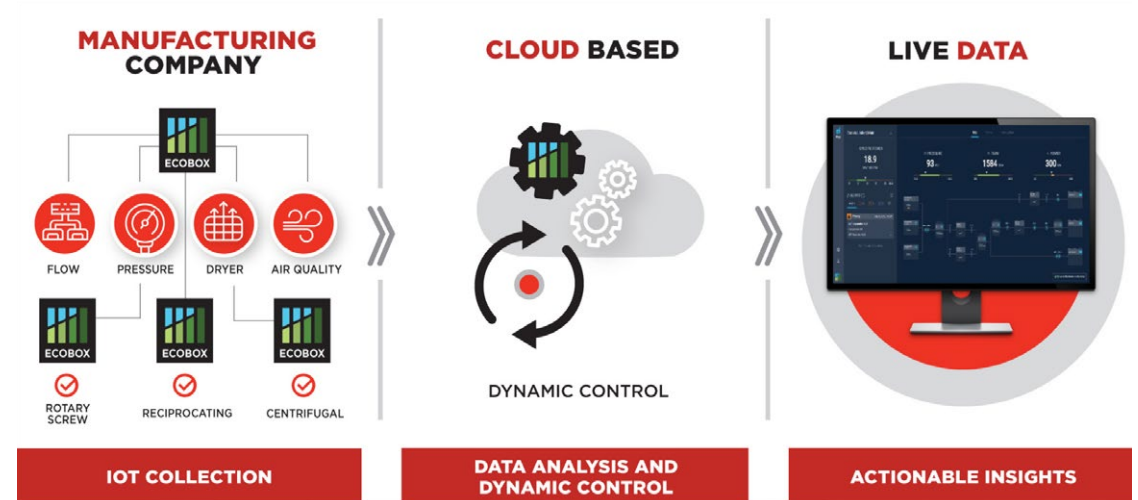
KEEP YOUR PLANTS RUNNING LONGER WHILE SPENDING LESS

EcoPlant™, in collaboration with Ingersoll Rand, is a machine learning compressed air monitoring and control network that **optimizes utility operation to achieve peak efficiency of compressed air generation.**

EcoPlant™ is a cloud-based SaaS platform that integrates with your compressed air system **to increase energy efficiency and reduce factory downtime.**

Features:

- Brand agnostic solution connects to all compressed air technologies
- Machine learning control for energy efficiency and predictive maintenance
- 24/7 Continuous monitoring and unlimited data logging
- Manage your air system from anywhere in the world



Get the benefits of EcoPlant™ Cloud-Based Monitoring and Control:



Positive cash flow on day 1



Reduce your energy costs



Prevent unplanned downtime



Optimized production changes — dynamic control



12. Engineered Systems and Services (ESS)

Ingersoll Rand's Engineered Systems and Services (ESS) is dedicated business line to providing market-leading, **custom-engineered solutions**.

Formed from a merger of three renowned business units - Ingersoll Rand Air & Gas Solutions, Ingersoll Rand Engineering Project Solutions, and K. LUND Offshore - Ingersoll Rand Engineered Systems and Services (ESS) leverages extensive experience to serve Engineering, Procurement, and Construction (EPCs) contractors and other firms in need of specialized engineering Services.

With a portfolio that includes state-of-the-art **air and gas compressors, dryers, nitrogen generators, and gas recovery Systems**, Ingersoll Rand Engineered Systems and Services (ESS) is committed to pioneering innovation and maintaining the highest standards of engineering excellence. We pride ourselves on managing intricate projects across the globe, employing cutting edge technology to drive the success of our customers.

13. Global Presence

Over 60 years of experience managing and implementing engineered-to-order air and gas packages for complex technical requirements.



Our Manufacturing Facilities:

- Spain - Madrid
- Italy - Vignate
- Norway - Sola
- USA - Buffalo
- China - Wujiang
- India - Gujarat

How to
contact us

