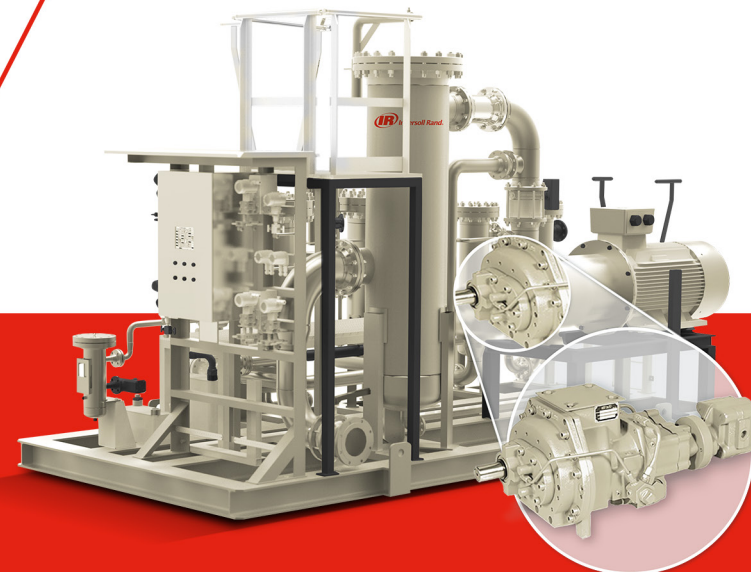




# DON'T JUST BUY COMPRESSORS & DRYERS, **BUILD SUCCESS**

**ENGINEERED SYSTEMS AND SERVICES:**  
YOUR TRUSTED PARTNER FOR CUSTOM AIR & GAS SOLUTIONS WITH  
EXPERT SUPPORT FOR PEAK PERFORMANCE GROWTH.



**REQUEST A QUOTE**

**Engineered Systems and Services**  
[www.ingersollrand.com/air-compressor-systems](http://www.ingersollrand.com/air-compressor-systems)

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# Global Presence

Ingersoll Rand is a global market leader, with a broad range of innovative and mission critical air, fluid, energy and medical technologies, providing Services and solutions to increase industrial productivity and efficiency.



## >5 million installed assets

= Lifecycle revenue opportunity & Data/insights/intelligence opportunity

**+300**

Experience & History

**+80**

Brands

**+18,000**

Global Employees

**+150**

Customer and Services centers

**+70**

Major manufacturing sites<sup>1</sup>

**+5000**

Sales, Services, and support employees

<sup>1</sup> Site totals represent major manufacturing locations. 2 Map of installed asset base is illustrative only.

# Welcome to 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 five renowned business units - Ingersoll Rand Air & Gas Solutions, Ingersoll Rand Engineering Project Solutions, and K. LUND Offshore, Reavell, Belliss & Morcom, Mako and Blutek S.R.L. - 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.







# Our Mission & Vision

## OUR MISSION

To engineer solutions around to each customer’s unique requirements, drawing upon our extensive multi-year expertise, collaborative team strengths, and robust economic growth engine.

## OUR VISION

To be recognized as the leading provider of air and gas custom-engineered solutions, where every Customer experiences unparalleled Services, innovation, and expertise makes us the definitive strategic partner for project success.

# What We Do

Ingersoll Rand's Engineered Systems and Services (ESS) 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.**



Market to Order  
(MTO)



Engineer to Order  
(ETO)



Special configuration  
and Project Lifecycle  
Support (PLS)





# Our Added Values



**Global Presence**



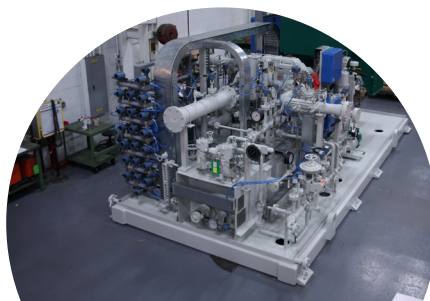
**Extensive Experience**



**Turn-key Solutions  
(PLS)**



**Project Management**



**Wide Range of  
Technologies**



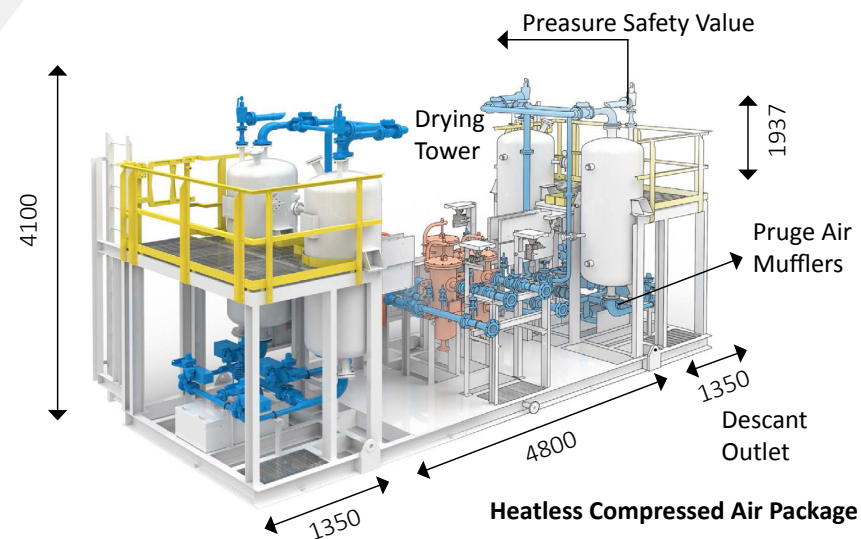
**Quality Certificates**

# Customization – From Concept to Factory Floor

All the machine packages and solutions that we provide can **be tailored to the most demanding technical** specifications of your application.

Engineered Systems and Services (ESS) are designed **to operate in harsh environments and face the most extreme environmental conditions.**

Additionally, a wide variety of options can be customized to **meet international and local quality requirements.** Our solutions can comply with the **API, ISO (9001, 14000 and 14001), NORSOK, ATEX, iECEx, Magnet JQS, ASME, ANSI and DIN standards, among others.**






# Our Facilities

From Europe to te World

At Ingersoll Rand Engineered Systems & Services (ESS), we proudly operate six main factories, each meticulously designed to produce an extensive portfolio of engineered products that set industry standards.

 Our Ingersoll Rand Engineered Solutions Factories



Vignate, Italy



Gorle, Italy



Coslada, Spain



Stavanger, Norway



Simmern, Germany



Buffalo, US



Wujiang, China



Naroda, India



REQUEST A QUOTE

Engineered Systems and Services  
[www.ingersollrand.com/air-compressor-systems](http://www.ingersollrand.com/air-compressor-systems)

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# Applications & Products




OIL & GAS		POWER GENERATION		CHEMICAL & PETROCHEMICAL		CARBON CAPTURE		RING (RENEVABLE NATURAL GAS)		HYDROGEN		GENERAL MANUFACTURING	
APPLICATIONS	PRODUCTS	APPLICATIONS	PRODUCTS	APPLICATIONS	PRODUCTS	APPLICATIONS	PRODUCTS	APPLICATIONS	PRODUCTS	APPLICATIONS	PRODUCTS	APPLICATIONS	PRODUCTS
Instrument Air	<a href="#">Screw Air Compressors</a>	Instrument Air	<a href="#">Screw Air Compressors</a>	Instrument Air	<a href="#">Screw Air Compressors</a>	Instrument Air	<a href="#">Screw Air Compressors</a>	Instrument Air	<a href="#">Screw Air Compressors</a>	Instrument Air	<a href="#">Screw Air Compressors</a>	Instrument Air	<a href="#">Screw Air Compressors</a>
Plant Air	<a href="#">Reciprocating Air Compressors</a>	Plant Air	<a href="#">Reciprocating Air Compressors</a>	Plant Air	<a href="#">Reciprocating Air Compressors</a>	Plant Air	<a href="#">Centrifugal Air Compressors</a>	Plant Air	<a href="#">Reciprocating Air Compressors</a>	Plant Air	<a href="#">Air Dryers</a>	Plant Air	<a href="#">Reciprocating Air Compressors</a>
Emergency compressor	<a href="#">Centrifugal Air Compressors</a>	Fuel Gas Boosting	<a href="#">Centrifugal Air Compressors</a>	Fertilizer Production	<a href="#">Centrifugal Air Compressors</a>	Flue Gas Compressor for CO <sup>2</sup> removal	<a href="#">Centrifugal Gas Compressors</a>	Grid Injection	<a href="#">Air Dryers</a>	Hydrogen Compression	<a href="#">Nitrogen Generation</a>	Blanketing	<a href="#">Air Dryers</a>
Flare Gas Recovery	<a href="#">Centrifugal Gas Compressors</a>	Stroke Pneumatic Valves	<a href="#">Centrifugal Gas Compressors</a>	Carbon Monoxide (CO)	<a href="#">Centrifugal Gas Compressors</a>	Fertilizer, Urea process		Blanketing	<a href="#">Nitrogen Generation</a>	Blanketing	<a href="#">Centrifugal Air Compressors</a>	Heat pump	<a href="#">Centrifugal Air Compressors</a>
Reduce Dew Point in Air	<a href="#">Liquid ring Compressors</a>	Ash conveying	<a href="#">Air Dryers</a>	Syngas	<a href="#">Air Dryers</a>	Carbon Dioxide transport		Purging	<a href="#">Screw Gas Compressors</a>	Purging	<a href="#">Centrifugal Gas Compressors</a>	Steam Compression	<a href="#">Centrifugal Gas Compressors</a>
Natural Gas Gathering	<a href="#">Screw Gas Compressors</a>	Soot blowing	<a href="#">Nitrogen Generation</a>	Process Air	<a href="#">Nitrogen Generation</a>	Refrigeration			<a href="#">Centrifugal Air Compressors</a>	Refrigeration / Liquefaction			
Carbon Capture Utilization & Storage (CCUS)	<a href="#">Air Dryers</a>	Coal conveying		Oxidation Processes					<a href="#">Centrifugal Gas Compressors</a>	Natural Gas Feed			
Enhanced Oil Recovery (EOR)	<a href="#">Nitrogen Generation</a>	Blanketing		Air Separation									
LNG Liquefaction	<a href="#">High Pressure Air Compressors</a>	Purging		Medical Gases Compression									
NGL Fractionation	<a href="#">Oil-Free Reciprocating Air Compressors</a>			CO <sup>2</sup> Compression									
Boosting	<a href="#">Breathing Air Compressors</a>			Blanketing									
Boil-off gas	<a href="#">Containment fill stations</a>			Purging									
Fuel gas boosting													
Blanketing													
Purging													
PET Bottling													
Defence													

FIND OUT MORE DETAILS ABOUT OUR PRODUCTS  
CLICK ON THE INTERACTIVE TABLE

# Our Products At a Glance

AIR COMPRESSORS						
						
Screw Air Compressors	Reciprocating Compressor	Centrifugal Air Compressors	Oil Free Reciprocating Air Compressors	High Pressure Air Compressors	Breathing Air Compressors	Containment fill stations

GAS COMPRESSORS				
				
Screw Gas Compressors	Gas-ends	Process Gas Compressors	Liquid Ring Compressors	Reciprocating Gas Compressors

DRYERS		NITROGEN GENERATION		BLOWERS
				
Heatless, External Heater, Heater Blower and Non-purge	Refrigerant Air Dryers	PSA Systems	Membrane Systems	Blowers


# Screw Air Compressors

Our tailored air compressors are ready for operation, flexible, easy to integrate into any process, help minimize operating costs and prepared to face the strictest quality standards. Ingersoll Rand is your single source solution for instrument, plant, bulk and nitrogen generation applications.


## Technical Data & Benefits

TECHNICAL DATA*	OIL FLOODED	OIL-FREE
Flow Rate (m³/h FAD)	Up to 4.200	Up to 5.000
Operation Pressure (barg)	8 ~ 15	8 ~ 10
Power (kW)	2 ~ 400	37 ~ 700


\* This data can be modified based on customer needs




OPERATE IN THE MOST  
EXTREME TEMPERATURES.  
BETWEEN -47C° TO 55C°




OPTIMIZED  
FOOTPRINT




SIMPLE  
"PLUG & PLAY"  
INSTALLATION



HIGH  
EFFICIENCY



EASY TO INTEGRATE  
INTO ANY PROCESS



VERY  
FLEXIBLE

[Learn More](#)





# Reciprocating Air Compressors

Our reciprocating compressor packages are known for their excellent energy efficiency. We have consolidated and at the same time consistently developed this proven technology, maintaining its cutting edge, high-quality, robust construction along and excellent efficiency. The result is an improved Return On Investment (ROI) and shorter payback time.

## Technical Data & Benefits

TECHNICAL DATA*	
Flow Rate (m³/h)	170 to 2.600 CFM
Operation Pressure (barg)	2- 414
Power (kW)	45 to 300

*\* This data can be modified based on customer needs*



EASY  
MAINTENANCE



LONG LIFE  
EXPECTANCY



HIGH  
EFFICIENCY

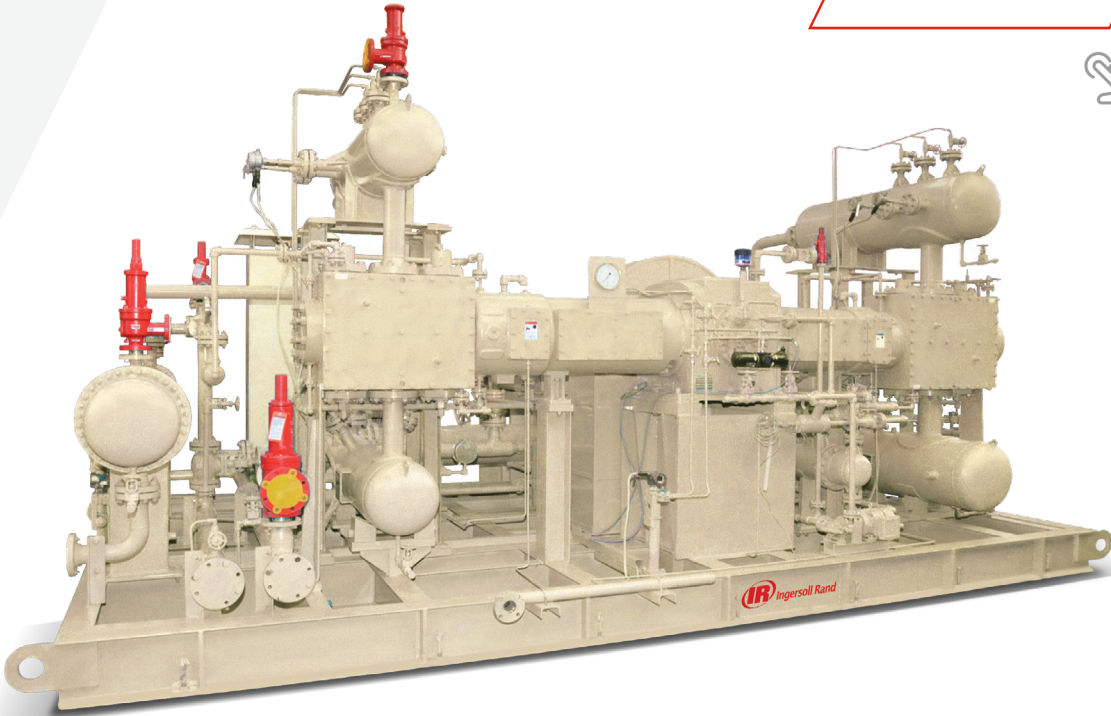


ROBUST  
CONSTRUCTION



EASY TO INTEGRATE  
INTO ANY PROCESS

[Learn More](#)




# Screw Gas Compressors

Ingersoll Rand’s oil-injected rotary screw gas compressors are an ideal solution for those seeking additional options for specific project needs. We are able to serve a vast range of applications in the Oil & Gas, Industrial, Process and many other industries, including ones in corrosive gas environments. Vapor recovery, gas lift, well unloading, and BioGas are just a few suitable applications.

## Technical Data & Benefits

TECHNICAL DATA*	
Flow Rate (m³/h)	235-18.000
Operation Pressure (barg)	Up to 34
Power (kW)	15-600


\* This data can be modified based on customer needs




HIGH RELIABILITY  
& COST EFFECTIVENESS




MAXIMIZED EFFICIENCY  
& FLEXIBILITY THROUGH  
VARIABLE V<sub>I</sub> AND INTEGRAL  
PORTING



EXTENDED LIFE  
EXPECTANCY AND  
REDUCED

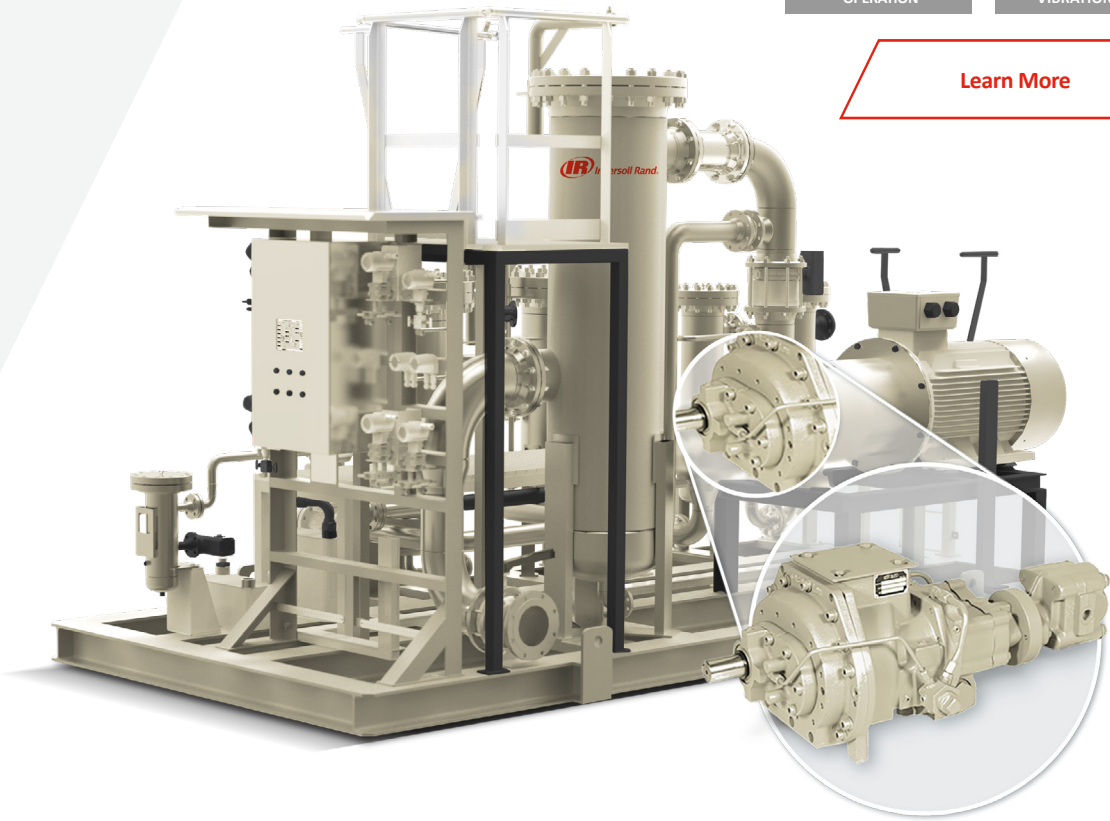


IMPROVED EFFICIENCY  
AND SMOOTH  
OPERATION



LOW OPERATING  
COSTS DUE TO LONGER  
VIBRATION LIFE

[Learn More](#)




# Gas-ends


Ingersoll Rand rotary screw natural gas compressors can be provided in one-stage and two-stage options. They are very cost-effective for handling high volumes of gas in field gathering, vapor recovery, and a wide range of other applications and delivering gas at high pressures.

SINGLE STAGE ROTARY SCREW GAS ENDS


TWO STAGE ROTARY SCREW GAS ENDS




WIDE RANGE OF FLOWS




INTEGRAL GEARING



HEAVY-DUTY CONSTRUCTION

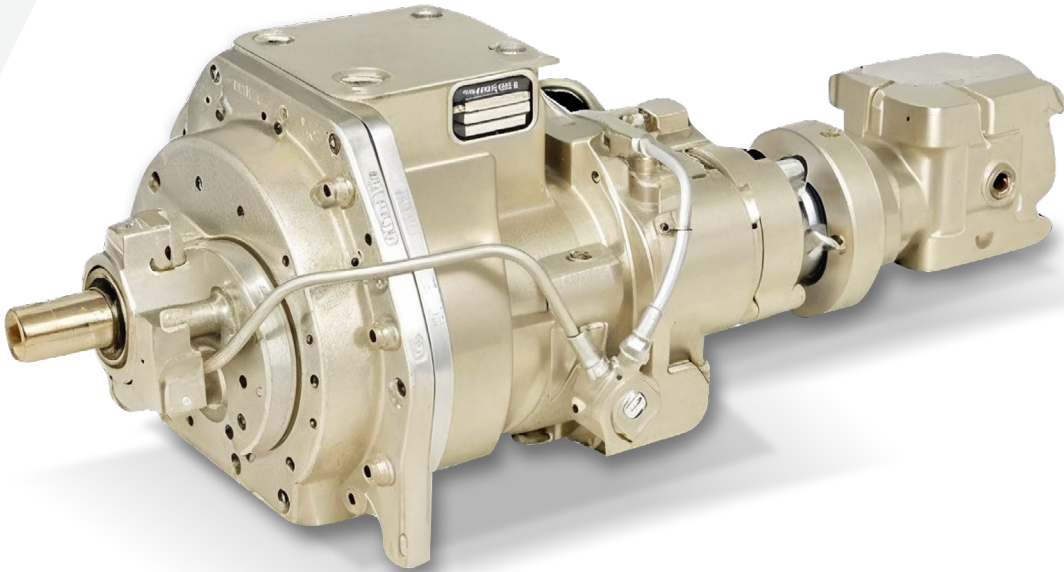


HIGH EFFICIENCY COMPRESSOR BLOCK



EXTENDED LIFE EXPECTANCY

Learn More



# Centrifugal Air Compressors


Ingersoll Rand Centrifugal Air Compressors are custom designed and built for individual customer needs for a variety of applications. These compressors are manufactured with a highly engineered air flow components, designed for easy, low-cost installation and operation.

Integrally geared centrifugal compressor (IGC) technology is well-suited to accommodate multiple-process requirements. Significant savings in floor space, installation time, initial investment and maintenance costs can be realized when combining the duties of multiple compressors in one multi-process IGC.


## Technical Data & Benefits

TECHNICAL DATA*	
Flow Rate (m³/h)	2.549 to 230.000
Operation Pressure (barg)	up to 82
Power (kW)	up to 16.400 (22000 hp)


\* This data can be modified based on customer needs




HIGH  
RELIABILITY




LOW OPERATING LIFE  
CYCLE COST



NO  
PULSATION

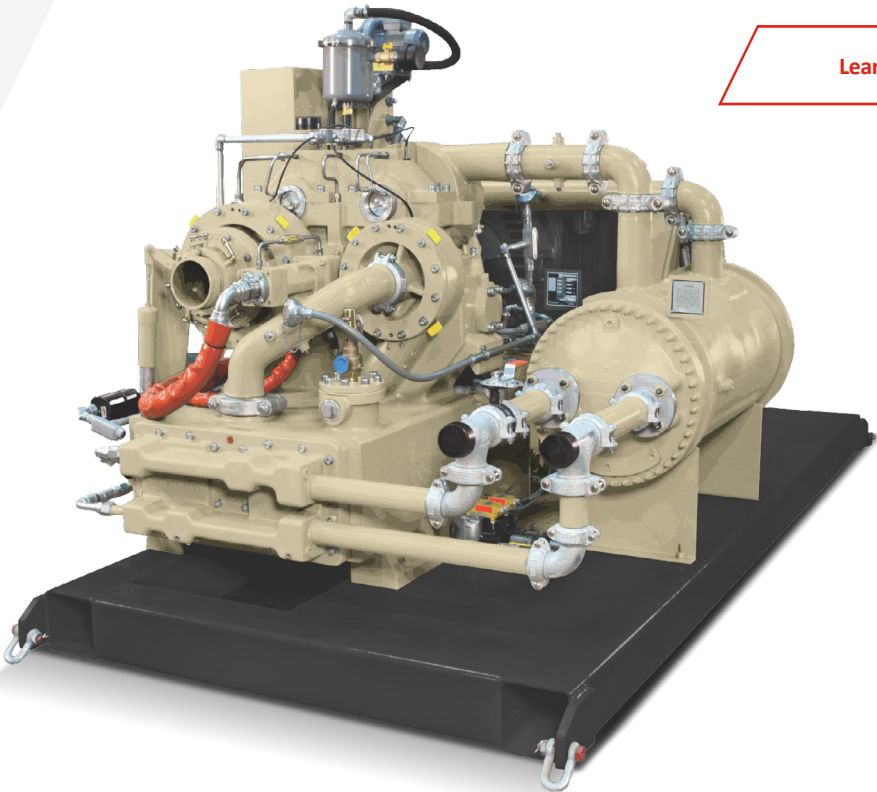


OPTIMUM  
CONTROL



LOW MAINTENANCE  
& REDUCED COSTS

[Learn More](#)





# Process Gas Compressors


MSG<sup>®</sup> compressors are efficient, reliable solutions for your gas compression needs. Depend on MSG<sup>®</sup> compressors for reliability combined with minimal maintenance to deliver a low total cost of operation and ownership.

The MSG<sup>®</sup> centrifugal compressors are great for handling fuel gas, carbon dioxide, carbon monoxide, petrochemicals, mixed refrigerants, landfill gas, and steam.


## Technical Data & Benefits

TECHNICAL DATA*	
Flow Rate (m³/h)	3.400 to 170.000
Operation Pressure (barg)	up to 82 bar
Power (kW)	up to 16.400 (22.000 hp)


\* This data can be modified based on customer needs




HIGH  
RELIABILITY




LOW OPERATING LIFE  
CYCLE COST



SIMPLE  
INSTALLATION

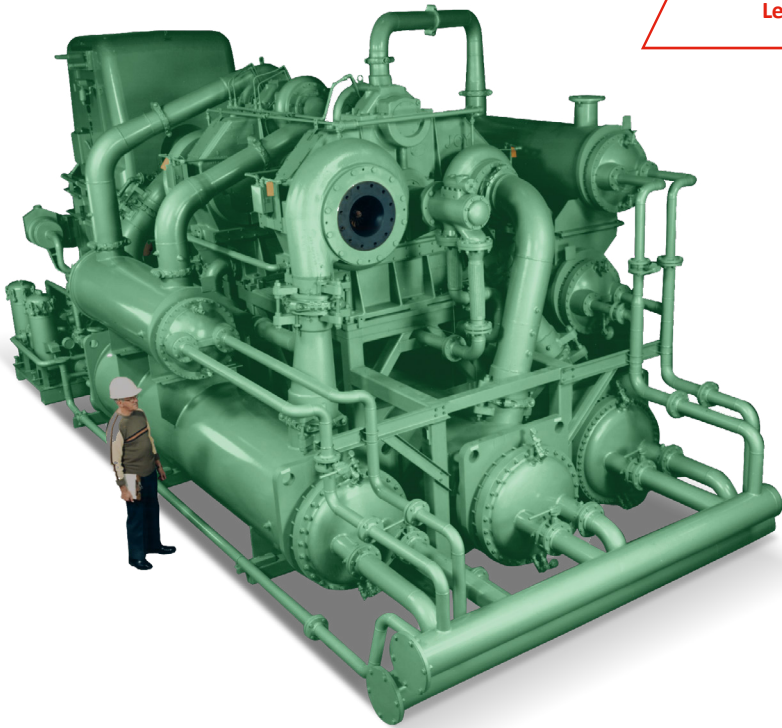


PROVEN  
TECHNOLOGY



LOW MAINTENANCE  
& REDUCED COSTS

[Learn More](#)



# Liquid Ring Compressors for Flare Gas

Flare Gas Recovery Systems (FGRS) are specialized compression packages, which aim to recover and repurpose gasses and emissions, that would normally be burned during the flaring process.

The process involves capturing the gas from the flare knock-out vessel and compressing it using liquid ring compressors. The so-recovered gases can be reused within the facility’s fuel gas Systems, as refinery feedstock or for re-injection.

## Technical Data & Benefits

TECHNICAL DATA*	
Flow Rate (m³/h)	50- 39.000
Operation Pressure (barg)	up to 14
Power (kW)	up to 1.000

*\* This data can be modified based on customer needs*



REDUCED NOISE  
AND VIBRATION



ENERGY  
SAVINGS



SAFE AND RELIABLE  
OPERATION

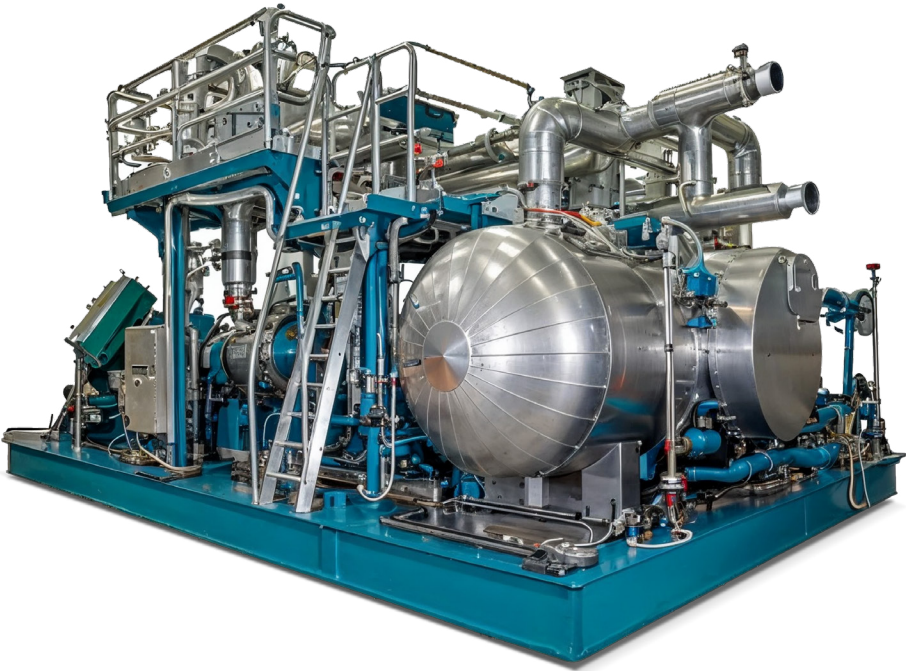


HIGH  
EFFICIENCY



OPERATE IN HARSH  
ENVIRONMENTS

[Learn More](#)




# Reciprocating Gas Compressors

Our multi-stage reciprocating piston compressors are engineered for bespoke applications that require the highest capacities and special features. These configured compressors offer a wide pressure, capacity, and speed range. Tailored for compressing industrial gasses, or for use as boosters, the lubricated design can be either air or water cooled, minimizing space without compromising performance.


## Technical Data & Benefits

TECHNICAL DATA*	AIR COOLED	WATER COOLED
Flow Rate (m³/h)	170- 2.600	170- 2.600
Operation Pressure (barg)	2- 414	2- 414
Power (kW)	45- 300	45- 300


\* This data can be modified based on customer needs




HIGH  
RELIABILITY




ROBUST  
CONSTRUCTION



LOW MAINTENANCE  
& REDUCED COSTS

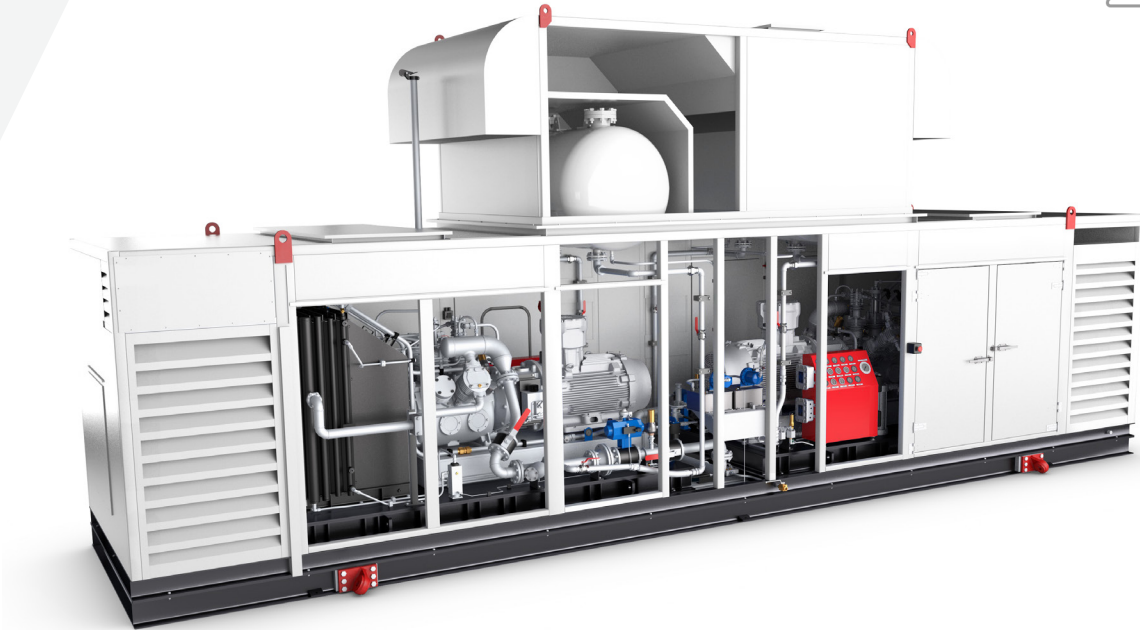


HIGH EFFICIENCY  
COMPRESSOR BLOCK



VERY  
FLEXIBLE

[Learn More](#)



# Adsorption Air Dryers

Adsorption compressed air dryers are designed to remove moisture by passing air over a regenerative desiccant material, which attracts and retains water vapour molecules. The term pressure dew point refers to the temperature at which water condensation will occur, a typical pressure dew point specified for an adsorption dryer is -40°C which prevents corrosion.

## Technical Data & Benefits

TECHNICAL DATA*	
Flow Rate (Nm³/h)	As per requirement
Dew point (PDP) (°C)	-20 /-70
Power (kW)	Up to 200 (heated)

\* This data can be modified based on customer needs



HIGH  
RELIABILITY



LOW OPERATING LIFE  
CYCLE COST



LOW MAINTENANCE  
& REDUCED COSTS



HIGH EFFICIENCY  
COMPRESSOR BLOCK



OPERATE IN HARSH  
ENVIRONMENTS

[Learn More](#)






# Refrigerant Air Dryers

Ingersoll Rand designs and manufactures packages refrigeration Systems with as alternative technical solutions to ensure no more vapor forms in compressed air. This is achieved thanks to the heat exchangers that are used to cool compressed air which will condense the bulk amount of water vapor within the air.


## Technical Data & Benefits

TECHNICAL DATA*	
Flow Rate (m³/h)	4,9 m³/hr- 5.028 m³/hr
Dew point (PDP)	3


\* This data can be modified based on customer needs




OPTIMIZED  
FOOTPRINT




LOW OPERATING LIFE  
CYCLE COST



ROBUST  
CONSTRUCTION



HIGH EFFICIENCY  
COMPRESSOR BLOCK



OPERATE IN HARSH  
ENVIRONMENTS

[Learn More](#)




# Hybrid Air Dryers

Hybrid compressed air dryers are designed by combining refrigerant and adsorption dryer technology. This unique combination offers higher quality air and lower energy consumption compared to traditional heatless and heat regenerative adsorption dryer technology.


## Technical Data & Benefits

TECHNICAL DATA*	
Flow Rate (m³/h)	2.8 cfm – 2.959 cfm
Operation Pressure (barg)	2.5 to 16
Power (kW)	up to 325


\* This data can be modified based on customer needs




OPTIMIZED  
FOOTPRINT




HIGH  
RELIABILITY



ENERGY  
SAVINGS



HIGH EFFICIENCY  
COMPRESSOR BLOCK



OPERATE IN HARSH  
ENVIRONMENTS

[Learn More](#)




# PSA Nitrogen Generators

Pressure Swing Adsorption (PSA) is a technology utilized in air separation to enable the creation of a continuous stream of nitrogen by means of air filtration. Ingersoll Rand nitrogen generators use PSA technology to separate nitrogen molecules from other molecules found in compressed air. This modular concept offers greater flexibility.


## Technical Data & Benefits

TECHNICAL DATA*	
N <sub>2</sub> Flow Capacity (Nm <sup>3</sup> /hr)	Max. 400 (module)
N <sub>2</sub> Purity	99-99,99%


\* This data can be modified based on customer needs




HIGHEST PURITY  
UP TO 99,9%




HIGH  
RELIABILITY



ROBUST  
CONSTRUCTION



LOWEST ENERGY  
CONSUMPTION



OPERATE IN HARSH  
ENVIRONMENTS

[Learn More](#)






# Membrane Nitrogen Generators

Membrane Nitrogen Generation Systems consist of fibrous membrane modules arranged in a convenient housing equipped with a control Systems and integral filtration. High quality compressed air can be separated by means of membranes. Dried and cleaned compressed air (<+5°C pdp) that enters these fiber walls is filtered of water vapor, CO2, and oxygen.


## Technical Data & Benefits

TECHNICAL DATA*	
N <sub>2</sub> Flow Capacity	Max. 1.000 (module)
N <sub>2</sub> Purity	99,5%


*\* This data can be modified based on customer needs*




HIGHEST PURITY  
UP TO 99,9%




REDUCED NOISE  
AND VIBRATION



LOW MAINTENANCE  
& REDUCED COSTS



SIMPLE  
INSTALLATION



OPERATE IN HARSH  
ENVIRONMENTS

[Learn More](#)




# Blowers

We specialize in creating comprehensive blower packages tailored to meet our clients' specific needs. Our designs also integrate a suite of auxiliary equipment like pre-coolers, dryers, filters, receiver tanks, and both closed-loop cooling and chilled water Systems.


## Technical Data & Benefits

TECHNICAL DATA*	
Flow Rate (m³/h)	up to 15.000
Operation Pressure (barg)	up to 2.5
Power (kW)	up to 1.000


*\* This data can be modified based on customer needs*




VERY FLEXIBLE




HIGH RELIABILITY



LOW MAINTENANCE & REDUCED COSTS



EASY TO INTEGRATE



OPERATE IN HARSH ENVIRONMENTS

[Learn More](#)



# Oil-Free Reciprocating Air Compressor

Ingersoll Rand offers a comprehensive range of high-performance reciprocating air compressors, meticulously designed to deliver unparalleled efficiency and reliability. The VH and WH series are engineered to meet the rigorous demands of diverse industries, including manufacturing, food and beverage, and pharmaceuticals. These compressors are renowned for their robust construction, compact design, and low total cost of ownership (TCO). Featuring advanced technologies such as shaftless motors and dynamic balancing, the VH and WH series ensure smooth operation and minimal downtime, making them the optimal choice for businesses seeking dependable and cost-effective compressed air solutions.

## Technical Data & Benefits

	VH Series	WH Series
Motor Type	Shaftless	Shaftless
Capacity Control	0-50-100%	0-50-100%
Service Intervals	8.000 hours	8.000 hours
Design	Plug-and-play, dynamically balanced	Plug-and-play, dynamically balanced
Cooling	Air-cooled	Air-cooled



HIGH  
EFFICIENCY



HIGH  
RELIABILITY

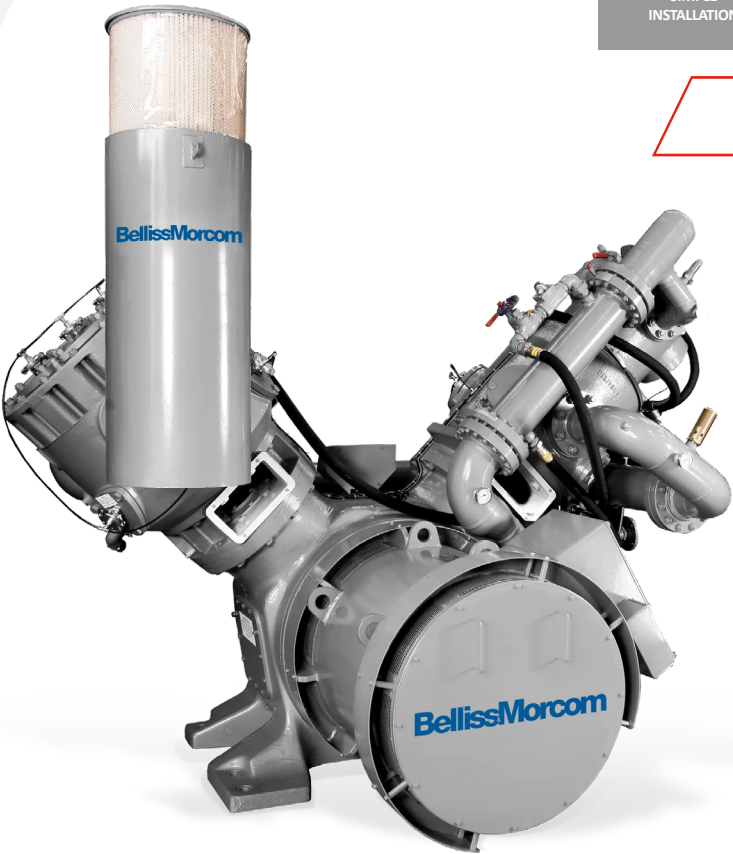


SIMPLE  
INSTALLATION



LOW  
MAINTENANCE

Learn More






# High Pressure Air Compressor

Ingersoll Rand offers a diverse range of high-pressure air and gas compressors, known for their reliability and efficiency. With over a century of expertise, our compressors are utilized in various critical applications worldwide, including laser cutting, CNG refilling, and gas storage. The 5200, 5300, and 5400 ranges are designed to meet the specific needs of different industries, providing flexible and robust solutions. These compressors feature advanced cooling systems, multiple stages, and options for both air and water cooling, ensuring optimal performance and longevity in even the most demanding environments.


## Technical Data & Benefits

AIR COOLED				
Product range	52XX	53XX	54XX	Configured
Pressure range (barg)	10- 40	40- 85	85- 414	2- 414
Power range (kW)	4- 75	5.5- 45	7.5- 75	45- 300
Capacity (m³/hr)	27- 313	25- 155	24- 170	170- 2600
Lubrication	Pressure	Pressure	Pressure	Pressure
Drive mechanism	Direct or V-belt	Direct or V-belt	Direct or V-belt	Direct or V-belt
Compression	Single acting	Single acting	Single/Double acting	Single/Double acting

WATER COOLED				
Product range	52XX	53XX	54XX	Configured
Pressure range (barg)	10- 40	40- 85	85- 414	2- 414
Power range (kW)	2.2 - 15	7 - 18.5	2.2 - 18.5	45 - 300
Capacity (m³/hr)	2.85 - 65	28 - 47	8.5 - 43.8	27 - 313
Lubrication	Splash	Pressure	Splash / Pressure	Splash / Pressure
Drive mechanism	Direct or V-belt	Direct or V-belt	Direct or V-belt	Direct or V-belt
Compression	Single acting	Single acting	Single/Double acting	Single/Double acting




HIGH  
EFFICIENCY



HIGH  
RELIABILITY

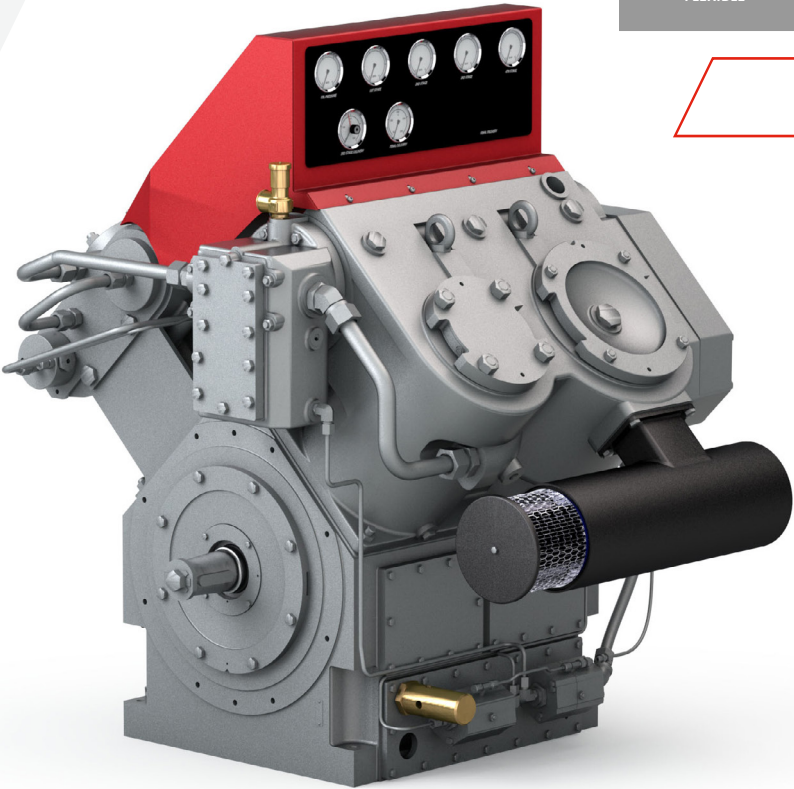


VERY  
FLEXIBLE



COMPACT  
DESIGN

[Learn More](#)



# Breathing Air Compressor

Ingersoll Rand is a leading provider of high-pressure breathing air compressors, celebrated for their reliability and efficiency. With over a century of industry expertise, Ingersoll Rand has established itself as a trusted name, offering solutions for fire safety, diving, and industrial applications. Our compressors are designed to meet the highest performance and safety standards, ensuring access to clean, breathable air in critical situations. Ingersoll Rand compressors are ideal for a wide range of demanding environments, featuring advanced control systems, ergonomic designs, and robust safety features.



SAFETY



CONVENIENCE



HIGH RELIABILITY



VERY FLEXIBLE

## Technical Data & Benefits

TECHNICAL DATA*	
Motor Type	NEMA design ODP 1.15 SF electric motor
Control System	Fully automatic
Design	Compact, ergonomic
Cooling	Water-cooled and air-cooled options
Safety Features	Anti-vibration mounts, auto-drain with muffler/reservoir system



[Learn More](#)



# Containment Fill Stations

Ingersoll Rand’s containment fill stations are engineered to provide maximum safety and efficiency for filling SCBA and scuba cylinders. These stations are essential for ensuring the safety of divers, firefighters, and industrial workers who rely on high-quality compressed air. Our containment fill stations are designed with enclosed steel chambers and comply with NFPA 1901-2016 standards, offering unparalleled protection during the filling process. With features such as automatic safety interlock mechanisms and ergonomic loading heights, these fill stations are user-friendly and built to withstand the rigors of daily use.

## Technical Data & Benefits

TECHNICAL DATA	
Design	Enclosed steel chambers
Compliance	NFPA 1901-2016 compliant
Loading Height	Ergonomically designed for ease of use
Safety Features	Automatic safety interlock mechanism, fill whips with fill adapters



SAFETY

ERGONOMICS

DURABILITY

VERSATILITY

[Learn More](#)





# Advanced Aftermarket Services & Parts

We work to increase **profitability** by minimizing downtime with minimal maintenance requirements and maximized equipment lifetime.

We offer comprehensive portfolio of custom maintenance Services programs that include:



## PRE-COMMISSIONING & COMMISSIONING



Assembly  
Supervision



Comissioning



Site Training

## SERVICES AGREEMENTS SCOPE



Preventive  
Maintenance



Breakdown  
& Repair



IIoT Ecoplant Field  
Services



Field Services



Redesigns &  
Upgrades



Warranty Programs



Inventory & Equipment  
Audits



Genuine Spare  
Parts



Customer Trainings





## Advanced Aftermarket Services & Parts

We have a global network of strategically located manufacturing facilities, sales offices and authorized Services centers. **This allows us to think globally and act locally,** providing Services and support to our customers wherever and whenever they need it. Cutting-edge technology to drive the success of our customers.



# IIoT Real-time Remote

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

## BENEFITS



**Maximize uptime**



**Highest air quality**



**Cost savings**



**More safety**



**Maximizes energy efficiency**



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



# EcoPlant

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 Systems 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 Systems from anywhere in the world

## BENEFITS



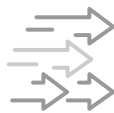
**Positive cash flow on day 1**



**Prevent unplanned downtime**



**Reduce your energy costs**



**Optimized production changes—dynamic control**



## How to contact us



Website



Social media



Request a Quote

United Kingdom (EN) [Contact us](#)

**IR Ingersoll Rand.** Air Compressors Power Tools Lifting Solutions OEM solutions Transport Pumps

> Custom Engineered Air & Gas Systems

**IR Ingersoll Rand.**

### Ingersoll Rand Compressor Systems & Services

Providing a wide range of quality air compressors, parts and services for businesses and consumers globally

**Explore Our Comprehensive Range Of Ingersoll Rand Engineered Systems and Services for Air & Gas**

