

Ingersoll Rand

Centrifugal Air Compressors
Oil Free API Process Package

Innovation

Reliability

Efficiency



More than Air, a History of Innovation

For more than 100 years, Ingersoll Rand has inspired progress by driving innovation with revolutionary technology — creating new standards for how the world gets work done. We introduced our first oil-free compressor in 1912, and over the decades we've continued to develop rugged, reliable, industry-leading compressor technologies.

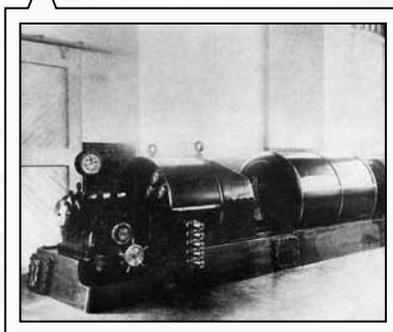
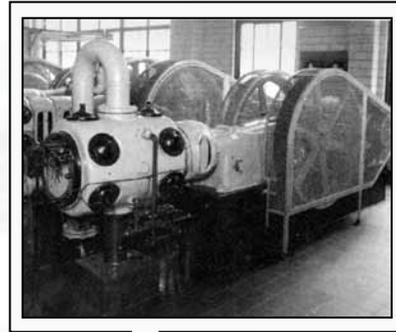
1871

Ingersoll Rock Drill Company was formed, later to become Ingersoll-Rand in 1905

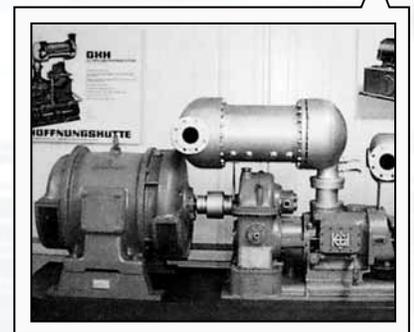


1933

Technology-leading, Ingersoll Rand oil-free reciprocating compressor goes to market



1912 Our first oil-free centrifugal compressor introduced



1952 The world's first oil-free rotary compressor is introduced

Ingersoll Rand is a technology leader in oil-free compressed air technologies not only because we develop class-leading products, but also because we know our customers' industries, the demands placed on productivity and quality, and then offer highly engineered system solutions that make sense. No matter what your product, process or location, Ingersoll Rand has the expertise, the oil-free technology and the unmatched service to meet your needs.

1980s
Centrifugal technology expanded to several different applications



2007
Ingersoll Rand is first to be Class 0 certified for centrifugal compressor technology



1960

1970

1980

1990

2000



1968 First packaged centrifugal compressor is introduced
(current model shown)



2005 Ingersoll Rand offers the first centrifugal compressor for standard industry capable of achieving 600 psig (40 bar g)

Reliable Air for Critical Applications



Iron and Steel ▲

Few industries pose tougher environmental conditions or place higher demands on compressed air systems. Ingersoll Rand centrifugal compressors are the perfect fit — offering rugged reliability even in the harshest environments and applications.

Air Separation ▲

With air separation, electricity costs are clearly a paramount concern. As such, the operational efficiency of an air compressor is critical. Ingersoll Rand multi-stage centrifugal compressors deliver the reliable performance our customers demand.

PET Blow Molding ▲

Ingersoll Rand drives productivity within this industry by delivering advanced technology solutions that provide the lowest life-cycle cost, highest reliability and uptime as well as energy efficiency.

There's a lot riding on your compressed air system, namely productivity and profitability. A compromised system — whether caused by inefficiencies, contaminants or breakdowns — can result in costly downtime, product liability and even damage to your brand reputation.



Textile ▲

High-tech air jet looms require super clean, dry, 100% oil-free compressed air, which is why Ingersoll Rand has been a critical supplier to this industry for many years.



Chemical ▲

Whether manufacturing cleaning solutions, base stock pharmaceuticals or anything in between, compressed air quality must be of the highest purity to minimize the risk of production interruption or higher cost liability.



Utilities ▲

Compressed air is too important to take chances, so when specifying instrument air for utilities, most engineers request oil-free compressors.

No matter what the industry or critical application, Ingersoll Rand centrifugal compressed air systems set the worldwide standards for reliability, energy efficiency and air quality, while reducing total life-cycle costs.