

# Introducing **Boost**

The Reavell Range of Nitrogen Boosting Compressors



**NEW**  
FOR 2020!

## MAXIMIZE YOUR PERFORMANCE

Reavell's boost range of air cooled, lubricated, reciprocating nitrogen boosters have been specifically designed to maximize the performance and efficiency of your on-site nitrogen generation systems. Developed by combining innovative thinking with state-of-the-art technology, the Boost range is capable of delivering up to **350 bar(g)** of pressure, allowing you to meet demand regardless of the application.

Using sophisticated control logic, the Boost range allows you to accurately measure and track a range of data; from inlet and outlet pressure, to average run times and load hours, ensuring that maximum performance and efficiency is always maintained. Combined with a cutting-edge design that takes the complexity out of installation, routine maintenance, and service; Reavell's Boost range can help you **minimize downtime** and **maximize return** on investment.

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## Proven Reliability

Engineered using over 120 years of experience in providing high-pressure air compressors for critical industrial applications, the Boost range continues Reavell's legacy and dedication to providing robust and high quality equipment to customers that value reliability, performance, and efficiency.



## Easy Installation & Maintenance

Plug-and-play installation via a direct high-pressure hose connection combines with a simple, intuitive design with reduced service ports and spacious internal layout to streamline installation and maintenance; helping you save by minimizing downtime and service costs.



## Full Control

Using an innovative, intelligent logic controller, the Boost range of compressors actively monitor inlet and outlet pressures; working to ensure that you have the gas you need, at the right pressure, whenever you need it, without impacting energy consumption or storage costs.

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# RANGE OF PERFORMANCE OPTIONS

Reavell Boost nitrogen compressors are available in a range of medium and high pressure options. From the 7.5kW H075, providing a maximum flow of **25.9 m<sup>3</sup>/hr**, to the 18.5kW H185, which provides a maximum flow of **50.8 m<sup>3</sup>/hr**; we have a compressor that can meet the pressure and flow requirements of your nitrogen boosting system.

Reavell Boost nitrogen boosting compressors are available in a range of four medium and high pressure options, including:

	H075	H110	H150	H185
Installed Power (kW)	7.5	11	15	18.5
Maximum Flow (m <sup>3</sup> /hr)	25.9	32.1	46.9	50.8
Minimum Supply Pressure (barg)	3.5	3.5	3.5	3.5
Maximum Supply Pressure (barg)	16.0	16.0	16.0	16.0
Minimum Outlet Pressure (barg)	120	120	120	120
Maximum Outlet Pressure (barg)	350	350	350	350

## THE COMPLETE PACKAGE

Reavell's Boost range of nitrogen compressors are a complete, plug-and-play solution. They are specifically designed to provide you with everything you need to get your system up and running quicker, including:

- Reavell Boost nitrogen booster
- Starter control panel with automatic start/stop control
- Gas inlet solenoid isolating valve
- Gas inlet pressure regulating valve
- Booster mounted pulsation vessel
- High & low inlet pressure control
- Motor and drive system
- Controlling pressure transmitter
- Stage pressure gauges
- Stage coolers
- Stage relief valves
- Inlet pressure gauge
- Electrically operated unloading system
- Booster delivery non return valve
- Back pressure maintaining valve

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