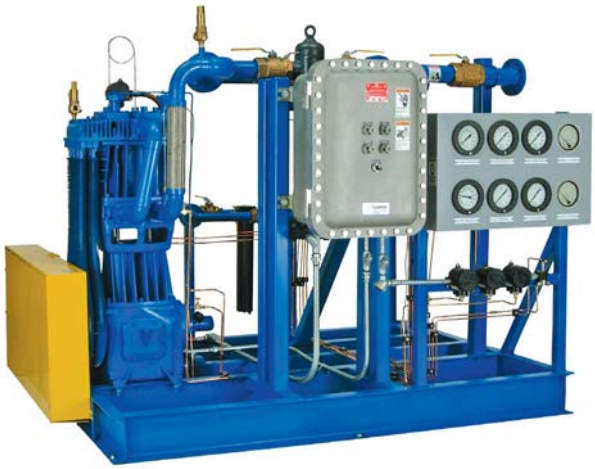
Trust Hycomp to provide you with the complete package for your needs.

Performance Under Pressure™

An engineering specialist will guide you through the design process to ensure you receive the right compression system. Our modular construction provides us with nearly endless component combinations, which means we can manufacture a true turn-key system that is an exact match for your application. We fully test and fine tune your system, under your conditions and requirements, at the factory before shipment.

The Bottom Line: you can rest assured that utilizing Hycomp engineered controls and packaging makes the transition to your new system smooth and efficient.
The first time. Every time.



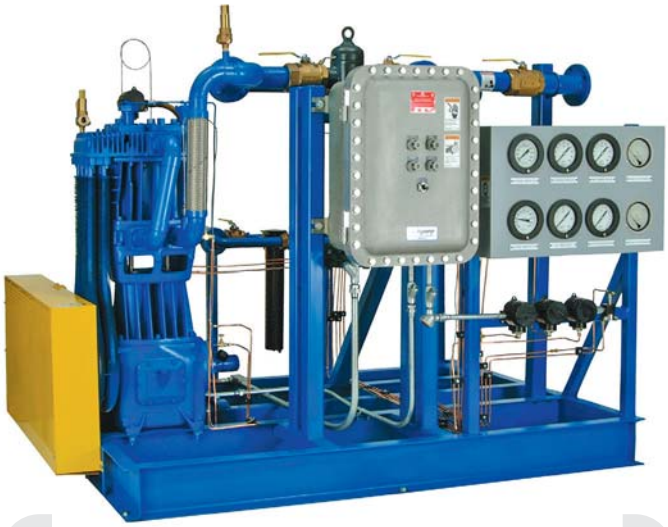
BENEFITS OF THE HYCOMP PACKAGE

- High-end components used for safety valves, starters, control valves, pressure switches, transducers and other elements
- Energy saving packages available with Variable Frequency Drives
- Engineered packaging for indoor, outdoor, corrosive and explosive atmospheres available
- Engineered system to work within your parameters
- Flexibility of PLC controllers when required
- Longer compressor life
- Simplified start up

Truly a Turn-Key Package
total system engineering
FROM START TO FINISH

Trust... it's what we build.
Quality Compressors Since 1969.

60 West 3800 North, Hyde Park, UT 84318, USA **ph:** 435.563.3695 **fax:** 435.563.3762 www.hycompusa.com



MODEL
2AN61E-B201

INLET PRESSURE
2 psig

GAS
Nitrogen, dry

DISCHARGE PRESSURE
65 psig

CAPACITY
113 scfm

INSTALLATION LOCATION
Massachusetts, USA

THE USER

A large liquified natural gas facility.

THE APPLICATION

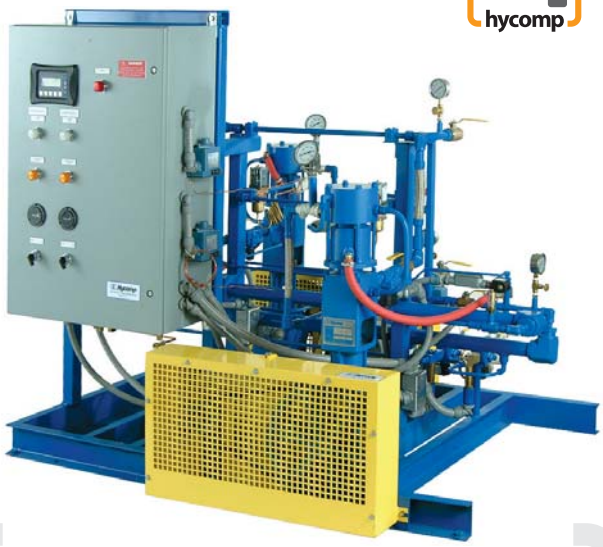
The turbo-expander on a liquification unit used nitrogen to purge the seals. The user currently vented the purge nitrogen to atmosphere, but wanted instead to collect and re-circulate the nitrogen back into their system.

THE PROBLEM

The unit was in an area classified as Class I Division 1 hazardous location, yet needed full monitoring of all critical set-points and data.

THE SOLUTION

A Hycomp Oil Free Nitrogen Booster was packaged with a NEMA 7 control panel, NEMA 7 and intrinsically safe accessories. A full instrumentation panel was installed so the user could monitor the performance of the system. A bypass system was added into the compressor package, so the compressor would always have gas available to pump, and would never draw a vacuum on the seals during low purge flow conditions.



MODEL
WN4A-B201 duplex

INLET PRESSURE
85 psig

GAS
Nitrogen, 99.999%

DISCHARGE PRESSURE
300 psig

CAPACITY
18 scfm each

INSTALLATION LOCATION
N. Berwick, ME, USA

THE USER

A major manufacturer of aircraft engines.

THE APPLICATION

To supply nitrogen for their laser cutting processes. The nitrogen is dry and very pure. Cleanliness of the system is critical to the overall quality of the final product.

THE PROBLEM

The current boosters in place were older and not reliable, requiring extensive upkeep and maintenance times to prevent them from causing production downtime.

THE SOLUTION

This duplex Hycomp Nitrogen Booster system produces the required flow, plus allows for 100% backup. Water cooled compressors and heat exchangers were used to ensure longevity and worry free maintenance intervals. A sophisticated PLC controller monitors a variety of critical conditions, and provides simple setpoint operation for the end user.