



# *Airline*

## High Pressure Systems & Components

for applications including:

- Low pressure gas reclamation
- High pressure liquid chromatography
- Hydrogen fueling
- Cannabis extraction
- Helium blanketing
- Super critical CO<sub>2</sub>
- Pressure testing
- Cylinder filling
- Oil & gas
- Plant air amplification
- Refrigerant recovery
- SCBA refilling







(215) 900-5743

highpressure@airlinehyd.com

Shop online: [www.airlinehyd.com](http://www.airlinehyd.com)

## About Airline Hydraulics Corp.

Airline is a leading provider of technical solutions and has been in business for over 65 years. We offer components, engineered systems and repair services in the technology areas of fluid power, automation & control, structural systems, and machine safeguarding.

**Haskel**  
INTERNATIONAL, INC.

**BuTech**  
an Accudyne Industries brand

## PRODUCT CAPABILITIES

- Gas compression to 39,000 psi
- Air amplification to 4,500 psi
- Liquid pumping to 100,000 psi
- Valves, fittings & tubing to 150,000 psi
- Infinitely variable pump and booster cycle speeds
- Continuous start-stop applications
- Suitable for most gases and liquids
- Exotic materials: Monel®, Inconel®, Hastelloy®, and titanium

# HIGH PRESSURE PRODUCTS & ACCESSORIES

Airline is your one stop for high-pressure components and accessories. We're an authorized distributor for hundreds of manufacturers, including Haskel, HYDAC, NOSHOK, BuTech & AP Tech. With our wide array of products, there are many options to find the perfect product for your application and budget.

**Haskel**  
INTERNATIONAL, INC.

Gas boosters, liquid pumps, air amplifiers & accessories



Refrigerant pumps



Gas boosters



Liquid pumps



System accessories



Adapters



High pressure fittings



Needle valves



Relief valves

**BuTech**  
an Accudyne Industries brand

High pressure fittings, valves & tubing



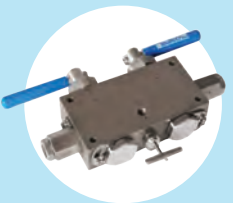
Subsea valves



Valves



Multi-port valves



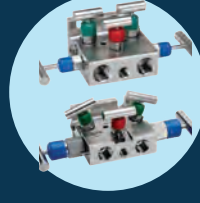
Block & bleed valves

**NOSHOK**

Pressure gauges, transducers & valves



Transducers



Five-port valves



Gauges



Block & bleed valves

**HYDAC**

Pressure transducers & filters



Coalescing filters



Inline filters



Regulators



Ultraclean check valves



Electropolished valves

**APTech**  
ADVANCED PRESSURE TECHNOLOGY

High pressure/high purity valves & regulators

## FEATURED PRODUCT:

# H-DRIVE (HYDRAULIC DRIVEN BOOSTER)

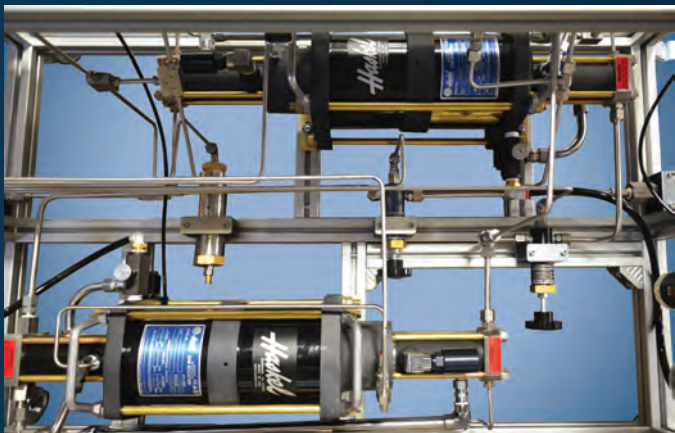
H-Drive, Haskel's new generation of hydraulically driven gas boosters, is designed to safely handle a wide range of critical, high-pressure gas compression and transfer needs, at high rates and pressures for the most demanding applications.



## H-Drive Features & Benefits:

- Designed specifically for high-pressure gas applications with a wide range of gases
- Reliable, easy to maintain, compact, and robust
- Hydrogen compatible materials resist hydrogen embrittlement
- Meets hydrogen fueling station requirements with the minimum number of boosters
- Robust design suitable for continuous heavy-duty applications
- Leak free, non-contaminating compression
- Ease of maintenance – Requires minimal cleaning and no lubrication
- No heat, flame, or spark risk
- More economical than diaphragm compressors
- No start/stop issues
- Available as a turnkey booster compressor station or as booster modules for seamless incorporation into OEM packages.
- ATEX certified as standard
- CE marked

# CUSTOMIZED SYSTEMS



Airline engineers can custom design and build turnkey booster packages with the following integrated components:

- Haskel air pressure amplifiers, liquid pumps, or gas boosters
- Pressure piloted drive air controls
- Safety relief valves
- Inlet and outlet filters and gauges
- Roll bar frames made of extruded anodized aluminum

Companies across all industries and sizes, including many Fortune 500 companies, are benefiting from our engineering expertise. Even better, we have the entire process covered from start to finish.



## Consultation

We'll visit your facility, meet with you and determine your requirements.



## Concept

We'll recommend a solution and a quote a price and timeline for your approval.



## Design

Our design group will verify all calculations & provide you with a system schematic.



## Manufacturing

Our trained staff will build the system in our ISO 9001:2015 certified facilities.



## Installation

We can quote installation and start up your system.

# HASKEL AUTHORIZED REPAIR

As an authorized repair facility for Haskel, our factory-trained repair technicians have years of experience evaluating and repairing Haskel components and systems. We use authentic factory parts to ensure that our repair replicates the performance of your original unit. Airline can quickly evaluate and repair:

- Air & hydraulic-driven gas boosters
- Air-driven liquid pumps
- Air pressure amplifiers



For 24-hour service and repair, call **800-999-7378**



# HYDROGEN FUELING & COMPRESSED NATURAL GAS

Airline supplies a full range of hydrogen & CNG handling equipment, including hydraulic and pneumatic-drive gas boosters. We also offer a range of high pressure valves, fittings and system components designed for operation in hazardous locations. Pneumatically driven and controlled systems are intrinsically safe and require no electronic components. Airline offers rental boosters for proof pressure testing of hydrogen or CNG system plumbing.



## Markets and Applications

- Hydrogen fueling & filling stations
- Hydrogen compression, storage, and transfer
- Hydrogen generation
- R&D lab gas distribution
- Semiconductor manufacturing
- Vessel proof testing
- Fuel cells: mobile, portable, and stationary

## Gas Booster Features and Benefits

- Designed for hydrogen gas service
- Range of modular double-acting, single-stage, and two-stage models allow compression up to 14,500 psi (1,000 bar)
- Reliable seal design for extended life
- CE marked and ATEX certified for the European market
- Designed for simple and easy maintenance
- High-efficiency design for minimal energy usage
- Hydrogen capacities from 25 kg/day up to 1000 kg/day.
- Flow capacity dependent upon application

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# Airline



**Airline Hydraulics Corp. Headquarters • ISO 9001:2015 Certified**  
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(215) 638-4700 • Fax: (215) 638-1707

Airline has locations from Maine to Virginia providing local customer service and technical expertise.

#### Lancaster, NY

ISO 9001:2015 Certified  
4474 Walden Avenue  
Lancaster, NY 14086  
(716) 681-8474 • Fax: (716) 681-8514

#### Pittsburgh, PA

ISO 9001:2015 Certified  
145 Delta Drive  
Pittsburgh, PA 15238  
(877) 288-6623 • Fax: (412) 963-7040

#### N. Kingstown, RI.

ISO 9001:2015 Certified  
376 Dry Bridge Road Bldg. B-1  
North Kingstown, RI 02852  
(401) 583-0190 • Fax: (401) 583-0191

#### York, PA

2A Interchange Place  
York, PA 17406  
(717) 767-6466 • Fax: (717) 764-2147

#### Ocean View, NJ

ISO 9001:2015 Certified  
428 Woodbine-Ocean View Rd.  
Ocean View, NJ 08230  
Toll Free: (877) MARINE-2  
Fax: (609) 624-0863

#### Owings Mills, MD

ISO 9001:2015 Certified  
11447 Cronhill Dr., Suite J  
Owings Mills, MD 21117  
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