



AIR AND INERT GAS BOOSTER COMPRESSORS

PRODUCT RANGE:

- 5 to 750 horsepower
- Rotary and reciprocating compressors
- Lubricated and oil-free
- Discharge pressures: to 30,000 PSIG
- Capacities: From 10 to 1000 CFM
- Drivers: Electric motor, diesel/gasoline engine or hydraulic drives

APPLICATIONS:

- Pet Bottle Blowing
- Leak Detection
- Nitrogen Boosting
- Pressure Testing
- Drilling
- Pipeline Testing
- Blow Molding

In many cases, when high pressure air or gas is required, adding a booster to a conventional 100 – 150 PSIG compressor to increase the pressure is more economical than using a high pressure compressor.

When you need to boost existing pressure to a higher pressure to Applied Compression for a complete range of products from small air amplifiers to large reciprocating or rotary screw booster compressor packages.

At Applied Compression, we recognize that in many cases, the initial capital cost of the compressor package will often determine the economic viability of the project. With this in mind, we have developed a range of products that allow us to easily match a unit to your specifications and budget.

As a provider of both standard and custom fabricated systems, we have the expertise to design and supply the most cost effective package for your compression requirements. Our packages offer a clean, simple design that allows easy access for normal maintenance. Each booster supplied by us includes a comprehensive set of operating manuals and data sheets.

Each motor/compressor combination is available as a simple skid-mounted unit or housed in a weatherproof enclosure or walk-in style building.

These packages are designed and fabricated here in North America ensuring compliance with local code requirements including UL, CSA, ASME and OSHA.

Our goal is to provide superior, high reliability compressor packages that translate into lower operating costs and increased profits for your company.



WHAT WE OFFER

EXPERIENCE – Our key personnel have over 100 years of combined experience. This experience and our wide range of product allows us to recommend the best technical solution and the most economical approach to your applications.

PRODUCT SELECTION – We offer a complete range of compressor types and brands allowing us to select and recommend the best unit for your application.

CUSTOM DESIGNED PACKAGES – As a provider of both standard and custom fabricated compressor systems, we have the expertise to design and supply the most cost-effective package for your starting air compression requirements. Our packages offer a clean, simple design that allows easy access for normal maintenance.

MODULAR DESIGN – Our modular design allows us to select and match components that will provide the best economics for your applications.

MINIMAL FLOOR SPACE REQUIRED – We recognize that plant floor space is expensive and often at a premium. Our compressor packages are designed to minimize floor space requirements.

CADD DESIGN – We utilize a Computer Aided Design and Drafting (CADD) system, so we can provide you with a detailed look at your compressor package before it's manufactured.

FULL RANGE OF ELECTRICAL CLASSIFICATIONS – Compressor packages are available for unclassified, class 1, division 2 and class 1, division 1 explosion proof areas.

DRIVERS – available prime movers include electric motor, gasoline or diesel engines, hydraulic motors and power take-offs.

ELECTRIC MOTORS – are WEG brand Severe Duty, Premium Efficiency cast iron frame, TEFC electric motors with a 1.25 service factor up to 100 horsepower (1.15 SF over 100 HP). Inverter duty certified for 20:1 CT and 1000:1 VT.

ENGINEERED FOR MAXIMUM SAFETY – All packages are manufactured to ASME code as well as all provincial/state electrical code requirements. Pressure vessels are hydrostatically tested for complete user safety and equipped with approved ASME code safety relief valves.

TESTING – Each compressor or blower package undergoes a mechanical run test and detailed inspection process prior to shipping.

QUALITY CONTROL DOCUMENTATION – On completion, you are provided with detailed quality control documentation including material test reports (MTRs), hydro-test reports, x-ray certificates, welder qualifications, weld mapping, ASME U1A forms etc., ensuring safe equipment operation for years to come.

DETAILED PARTS & OPERATING MANUALS – Each compressor package manufactured by us comes with a set of in-depth parts and operating manuals, so you can clearly understand the operation and maintenance requirements of the equipment.

SHIPPING LOGISTICS – Whether you need a package to be shipped within Canada, across North America or overseas we can assist with final shipping arrangements to your site.



**High Pressure, Multi-Stage , Non-Lubricated
Booster Compressor Package**



Single Stage Air or Inert Gas Booster Package



**Water-Cooled, Oil-Free Booster Compressor
Package**



**Basic Vector 6100 Series Air-Cooled 580 PSIG
Booster**



Vector 6100 Series Booster With Inlet Buffer Tank



**Air Driven Boosters Are An Efficient Alternative
Instead Of Electrically Driven Products And
Can be used In Explosion Proof Areas.**



Toll Free (855) 417-2396
Fax (250) 417-3183
info@appliedcompression.com

CANADIAN ADDRESS
400 Industrial Road A
Cranbrook, BC V1C 4Z3

U.S. ADDRESS
PO Box 111
Eastport, ID 83826