

Hydraulic Driven Booster

Hydraulic Driven Gas Boosters offers complete flexibility for your gas compression and transfer needs. A wide range of sizes provide flow rates as high as 160 scfm and develops output pressures up to 20,000 psig.



These features coupled with the ability to boost common gases make Haskel Hydraulically Driven Gas Boosters the preferred solution for a wide cross section of applications.

✓Key Features

- **Most Comprehensive Range** - Provides solutions for applications requiring low to very high compression ratios and a wide range of output performance.
- **Integral Valve** - Provides smooth stroke direction changeover and cycle rate control.
- **Reliable Gas Compression Technology** - Proven for many years in critical applications within such industries as aerospace and military.
- **Full Separation** - Isolates hydraulic drive and gas compression sections providing hydrocarbon free operation.
- **Efficient** - Transfers and compresses large volumes of gas at high supply and discharge pressures.
- **Programmable Maintenance Interval** - Real time data feature built in with totalised cycle count.
- **Ability to Sense "Runaway" Condition & Control Maximum Cycle Rate** - Prevents excessive seal surface speed, optimising seal life.
- **Temperature & Pressure Inputs** - Allows system alarm monitoring capabilities.
- **User Friendly Interface** - Illuminated LCD and 4 button keypad allows easy set up and adjustment.
- **Robust** - Control housed in waterproof NEMA 4X rated enclosure.
- **Smart Programming** - Firmware prevents unnecessary shutdowns caused by spikes or surges.
- **Modular Design** - Facilitates simple conversion and changeover of gas compression sections.
- **fluids:** petroleum base, HWCF & 95/5, plain water, liquefied gases

✓Model

Hydraulic Driven Booster		
Series	Model	Features
HG Series Single-Stage Double-Acting	<ul style="list-style-type: none"> • 90HGD-200D • 90HGD-145D • 90HGD-115D • 90HGD-115 • 90HGD-85 • 90HGD-50 • 90HGD-35 • 90HGD-25 • 90HGD-15 	<ul style="list-style-type: none"> • High flow • Can be "piggy backed" (multiple units driven by one power source) • Designed for low to medium compression ratios • Accepts full available supply pressure • Smart-valve control provides smooth, reliable operation • Available in 9 models with flow rates to 160 scfm and maximum supply and outlet pressures to 20,000 psi
HG Series Two-Stage	<ul style="list-style-type: none"> • 90HGT-115/85 • 90HGT-115/50 • 90HGT-85/50 • 90HGT-85/35 • 90HGT-50/35 • 90HGT-50/25 • 90HGT-35/25 • 90HGT-35/15 • 90HGT-25/15 	<ul style="list-style-type: none"> • Designed for low flow and medium-to-high compression ratios • Smart-valve control provides smooth, reliable operation • Modular construction for easy gas section maintenance • Adapts readily to multiple units in parallel or in series driven by one power source • Full separation provides hydrocarbon free operation • Available in 9 models with flow rates to 29 scfm, maximum supply pressure to 9,000 psi, and maximum outlet pressure to 20,000 psi