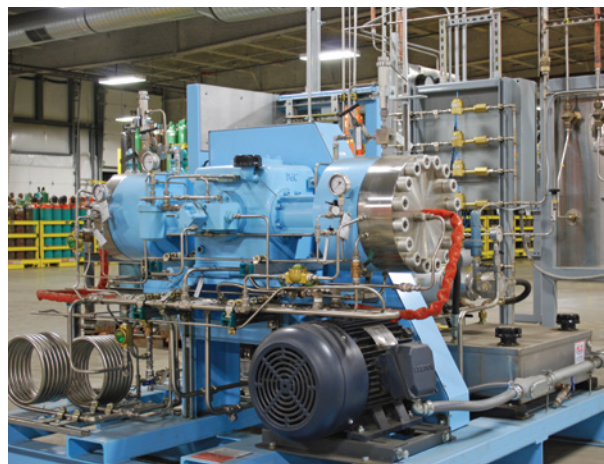




Cylinder Filling Compressors

High-purity diaphragm compression for industrial and specialty gas applications



Applications

- Offloading gases from tube trailers
- Filling cylinders, bulk storage tanks, and transport trailers
- Blending of gases, recycling, and mixing
- Pressure boosting and storage from on-site generation systems
- Recovering of boil-off-gases from cryogenic tanks

Proven performance across a wide range of gases

With nearly 50 years experience, PDC Machines designs compact compressor systems to reliably and safely meet demanding flow and pressure requirements across a broad spectrum of gases.

Common gases include:

H₂, He, Ar, N₂, Ne, Xe, Kr, CO₂, CO

We also support a wide range of specialty, electronic, and medical gases.

Compressors outperform pressure equalization every time

- Faster product offloading
- Maximum gas recovery
- Reduced residual losses
- Improved operational efficiency

TRUSTED BY INDUSTRY LEADERS



PDC Machines is the preferred partner for high-purity transfill compression, supporting leading global gas companies.

Benefits of PDC compression systems

Compressor configurations to meet your needs

CONFIGURATION	CUSTOMER BENEFIT
2-Stage Units	Recover more product from every trailer by drawing down pressure to as low as 150 psig.
Duplex Compressors	Unload trailers faster without the need to regulate inlet pressure.
All Compressors	Achieve high compression ratios with fewer stages, improved energy efficiency, and lower OpEx.



Uncompromised gas purity

- Oil-free compression with no contact between gas and hydraulic fluid
- Maintain full gas composition
- Zero contamination risk

Optimized system designs

- Simplex, duplex, and multi-stage configurations available
- Compress from full trailer pressures without additional regulators
- Scalable systems to meet increasing capacity requirements

Responsive after-sales support

- Dedicated field service and technical support
- Extensive inventory of OEM and custom components
- Rapid spare parts availability, typically within 24 hours

Proven global track record

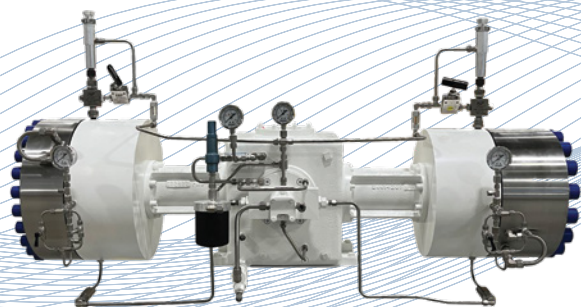
With thousands of installations worldwide, PDC Machines is recognized for delivering reliable, high-performance compression systems across critical gas applications.

Safe and reliable operation

- PLC-controlled system with integrated safety interlocks
- Automatic leak detection with protective shutdown for added safety and peace of mind
- Minimal operator intervention required
- Designed to meet global electrical and mechanical codes and standards
- Robust designs refined through decades of operation

High efficiency and low maintenance

- No gas leakage during compression
- Extended maintenance intervals
- Energy-efficient operation across a wide pressure range



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