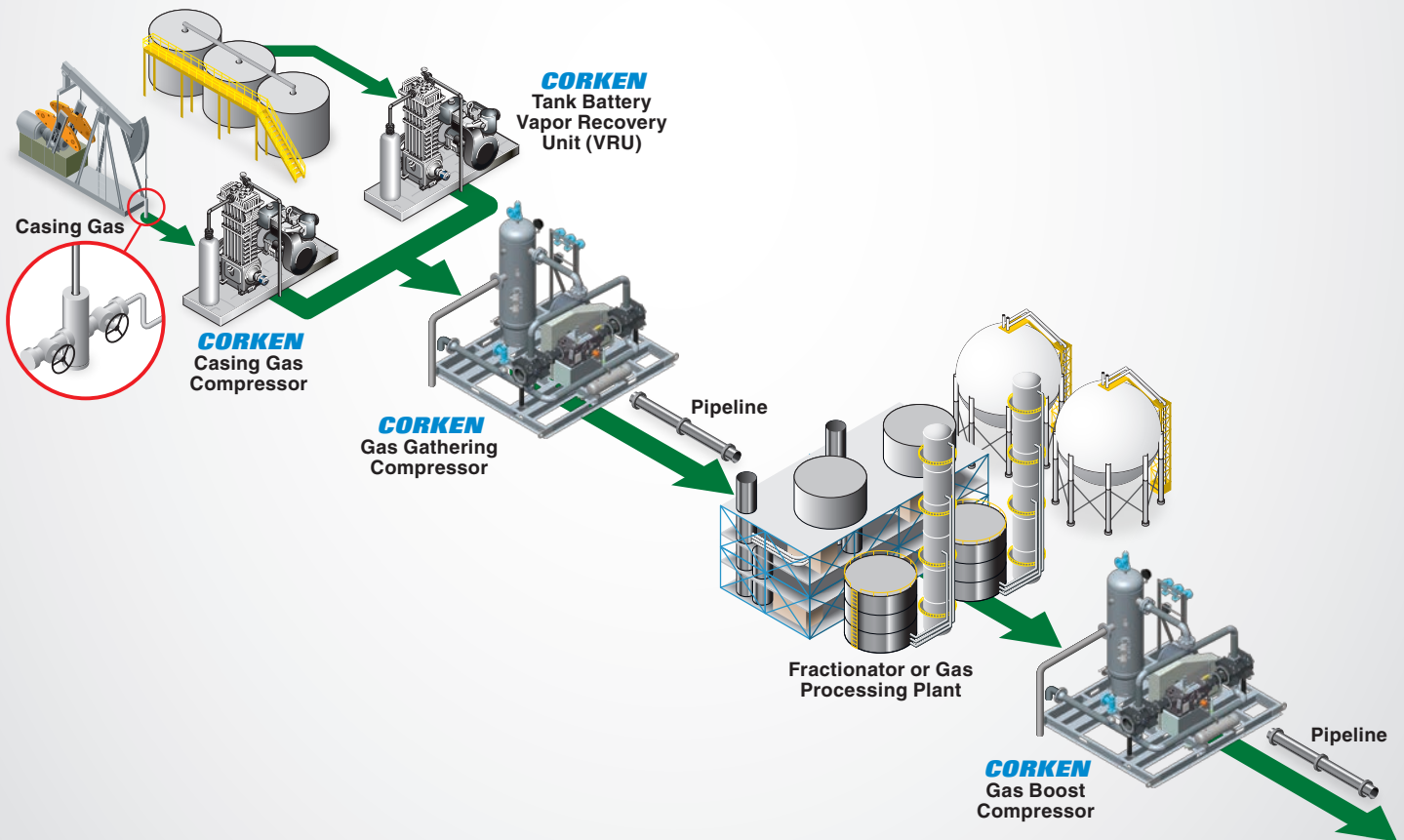


Well Head Casing Gas Application

Casing head gas compressors can be used to enhance the production from pumping oil wells by reducing the annulus pressure. This technology has a quick payback when the well reacts favorably.

Casing head gas collects in the annular space between the tubing and casing of an oil well. As an oil well is depleted, the production rate decreases over time. The decreased production is known as the decline rate. Corken compressors can automatically reduce back pressure in the well annulus, allowing gas and fluids to flow easily into the well bore, significantly increasing production.

Corken has over 40 years of experience with helping operators capture this gas, which has sometimes been vented or flared. This process adds value by maximizing the gas sales from the well and also increasing oil production. Although there will be increased upfront costs, the additional income resulting from the sales of recovered casing head gas and increased oil output will offset the initial investment. Case studies have shown casing head gas compressors can generate a significant amount of revenue for the end user.



Solutions beyond products...

CORKEN
IDEX

Gas Gathering and Pressure Boosting Solutions

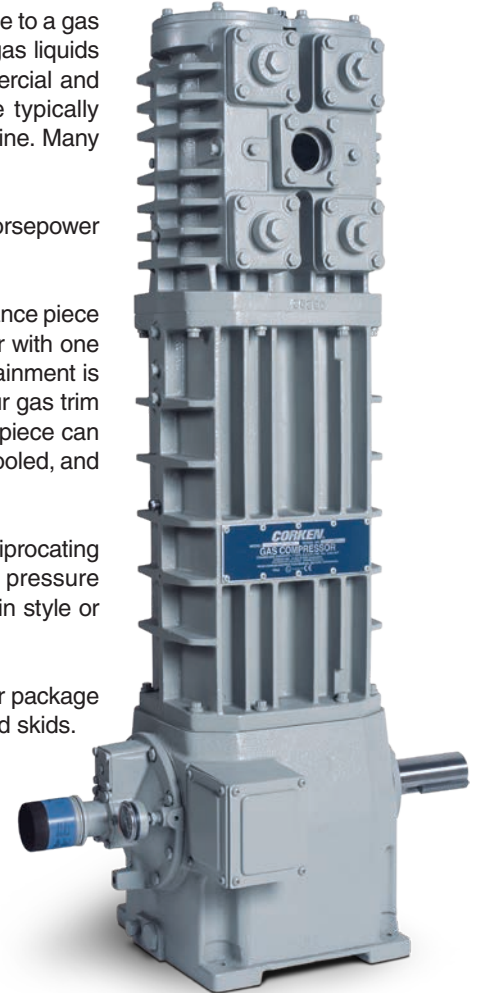
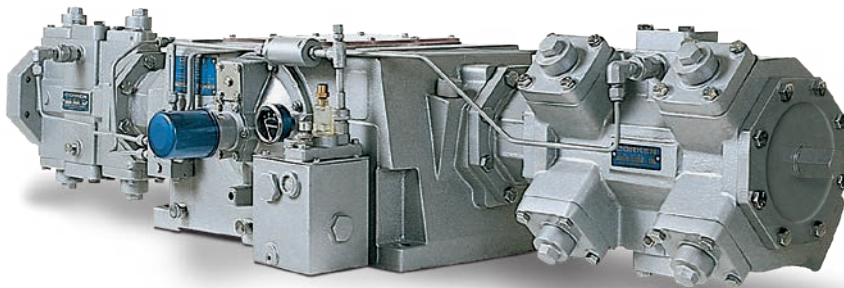
Gas gathering compressors collect raw natural gas from oil and gas wells and transfer it via pipeline to a gas processing or fractionating plant. There, the methane is separated from the ethane and natural gas liquids (NGL). Ethane is used as a petrochemical feedstock while NGLs are used in residential, commercial and auto autogas (propane) applications, and gasoline blending (pentane and butane). NGLs are typically distributed by a transport truck while the remaining purified gases are distributed through a pipe line. Many times a Corken compressor is used to boost the gas pressure flowing to the pipeline.

Corken's line of industrial reciprocating compressors is one of the most versatile lines of small horsepower (7.5 to 75 hp) reciprocating gas compressors in the world.

Corken offers a variety of vertical compressors with varying piston rod packing configurations, distance piece options, and oil-free gas compression. The D-Style is a double packed reciprocating compressor with one distance piece and offers a high level of leakage containment. The highest level of leakage containment is available with our T-Style design, it is a triple packed compressor with two distance pieces. A sour gas trim option is available for some models. Depending on the needs of your application, each distance piece can be pressurized, purged, or vented. Both styles are available in single- and two-stage, air or water cooled, and single and double-acting versions. Lubricated and non-lubricated versions are also available.

When the pressures or capacities of your application are beyond the capabilities of a vertical reciprocating compressor, a horizontal reciprocating compressor is your next option. Depending on your pressure requirements, Corken offers single- and two-stage models that can be configured in either a plain style or an oil-free T-Style design.

Each compressor is available with a standard mounting or we can custom engineer a compressor package for you. We now offer an ASME B31.3 - 2012 piping option for all of our compressor packages and skids.



Now Available

See corken.com for more information

Operating Specifications:

- Horsepower (kW): 7.5 to 75 (5.6 to 55.9)
- Working Pressure: Up to 1,650 psi (113.8 bar g)
- Single- and Two-stage Models
- Sour Gas Option Available for Some Models

Benefits of Using Our Compression Solutions:

- Single Source Supplier
- Proven Technology
- Factory Built and Tested
- 70 Years of Expertise
- Custom Control Options
- ASME B31.3 Piping Option
- On-site Start Up and Training Available

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