

The Atlas Copco logo is positioned in the top right corner of the page. It consists of the company name "Atlas Copco" in a white, italicized serif font, centered between two horizontal white bars. The logo is set against a solid teal background that is part of a larger teal graphic element in the top right corner of the overall image.

Atlas Copco

A large, semi-transparent teal graphic element is overlaid on the bottom left and center of the image. It features a technical drawing of a compressor or expander, showing various components, pipes, and structural elements. The drawing includes several dimension lines and labels, such as "1390 (4-5)", "1830 (6-7)", "C-C (1-3)", and "Ø12". The drawing is oriented diagonally, matching the shape of the teal graphic.

Maximizing reliability for large-scale LNG

Over 45 years of LNG machinery experience allows Atlas Copco Gas and Process to offer 98+% reliability and availability for LNG compressors and expanders

HANDLE THE PRESSURE

Proven reliability in large-scale LNG processing

Downtime can result in major revenue disruptions. Trust Atlas Copco Gas and Process' time-tested designs to maximize your plant uptime and reliability.

Our extensive knowledge in items like seals, bearings and rotor stability allows us to design rotating machinery that's up to the task of your most demanding process. We offer industry-leading 98+% reliability rates, as well as extended maintenance intervals compared to traditional compression technology. Quality components and advanced design — both intended to keep your large-scale plant moving.

We are present in 180 countries worldwide, with a broad portfolio of reference machines through which we can customize your solution. No matter where you are, Atlas Copco Gas and Process can deliver the solution that is perfectly matched to your LNG process, and back it up with global Aftermarket support that keeps you in production.



Flexible process equipment that lowers OPEX

Energy costs can equal up to 50% of your plants' OPEX costs. By selecting the right compression technology, you can lower that figure by 10% to 12%. Combining technologies like inlet and diffuser guide vanes with Atlas Copco's custom-engineered impellers gives you the precise control over your process, that enables to operate the plant as efficiently as possible.

Handle the Pressure with Atlas Copco Gas and Process

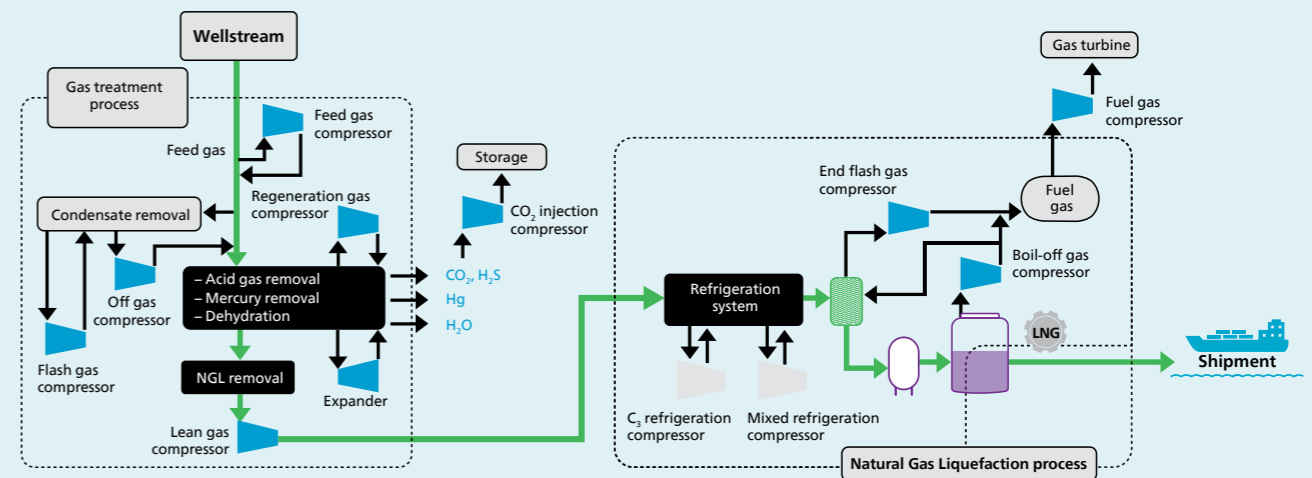
Over 70 years and with more than 8,000 running reference units, Atlas Copco Gas and Process can custom-engineer turbocompressors and turboexpanders that offer the highest reliability, availability and efficiency in the LNG market, no matter how large your plant is.

Integrally geared technology makes it possible

By operating up to 4 pinions through common drive gears, integrally geared technology allows optimal speed to the impellers, which results in the industry's leading efficiency and low energy use. The horizontally split gearbox provides easy access to bearings, gearing and instrumentation for faster maintenance.

Strengthening every link in the LNG value chain

Atlas Copco Gas and Process offers a full range of turbomachinery for gas treatment and natural gas liquefaction processes.



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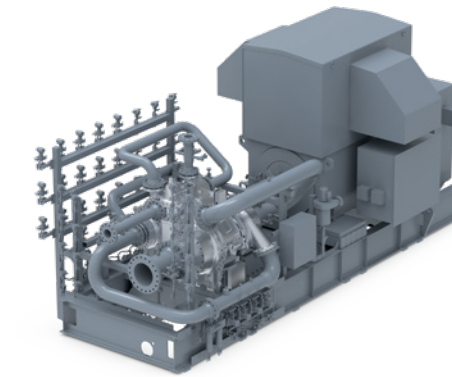
Maximize uptime in multiple applications

From wellstream to shipment, Atlas Copco Gas and Process can provide rotating machinery for your entire natural gas / LNG value chain. Below are just some of the examples where we can help you handle the pressure.

- Reliability that minimizes downtime and keeps you in production
- Lower CAPEX costs from single skid installation and lower OPEX costs through maximum availability and efficiency
- The flexibility of modular designs that are expandable and customizable
- Simplified maintenance and emergency service through our internationally recognized Aftermarket department

Large Scale	Applications (custom designed to client specification and according to API 617, 614, 692, etc.)	DMR Cycle	Cascade Cycle	Ammonia Cycle
Vapor Return Blower / Low-pressure BOG (1-2 stages)	Cryogenic service, IGV or ITV control, parallel sequencing	✓	✓	✓
High-pressure BOG (6 stages), Medium-pressure BOG (4 stages)	Cryogenic service, IGV or ITV control, parallel sequencing, four to six stages of compression	✓	✓	✓
Expander (Magnetic / Oil Bearing)	Hydrocarbon, inert gas	✓	✓	✓
EFG / EFG Recycle Compressor	IGV / DGV / ITV control, single-skid / single-lift design, high efficiency	✓	✓	✓
Regen Gas Compressor	IGV / DGV control, single-skid / single-lift design, high efficiency	✓	✓	✓
Instrument Air Compressor	IGV / DGV control, single-skid / single-lift design, high efficiency	✓	✓	✓
Process Gas Compressor	IGV / DGV control, single-skid / single-lift design, high efficiency	✓	✓	✓
Lean Gas Compressor	IGV / DGV control, single-skid / single-lift design, high efficiency	✓	✓	✓
Fuel Gas Compressor	IGV / DGV / ITV control, single-skid / single-lift design, high efficiency	✓	✓	✓
Compander (Centrifugal / Compander)	Hydrocarbon, inert gas	✓	✓	✓

Choose the large-scale LNG solution for your needs



Cryogenic boil-off gas (BOG) compressors / vapor return blowers

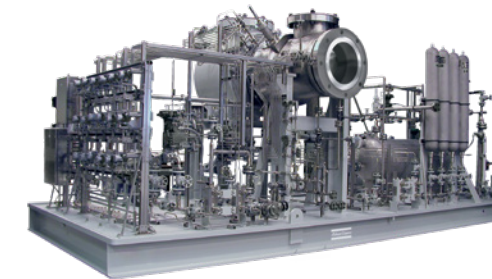
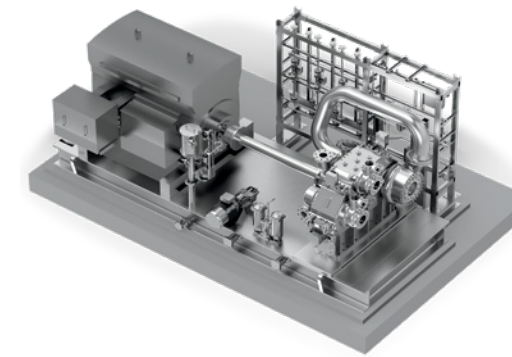
Atlas Copco Gas and Process cryogenic BOG / VRG compressors rely on centrifugal technology and are used in offshore and onshore reliquefaction plants, LNG storage, and regasification plants. Features include:

- Ability to maintain optimal tank pressure and temperature
- Maximum availability and efficiency
- 1, 2, 4 or 6 compression stages
- Cryogenic dry gas seals (single or tandem) and carbon ring seals
- Low, medium or high pressure

Componders

The Componder merges the centrifugal compressor and turboexpander into one single-skid mounted unit. Suitable for onshore or offshore liquefaction plants, which have a common base frame, oil system, seal support system and controls, providing a smaller footprint along with excellent reliability and availability.

- Industry-leading efficiency reduces energy consumption and increases OPEX savings
- Reduces CAPEX and installation times
- For hydrocarbon or inert gas (N₂)



Expanders

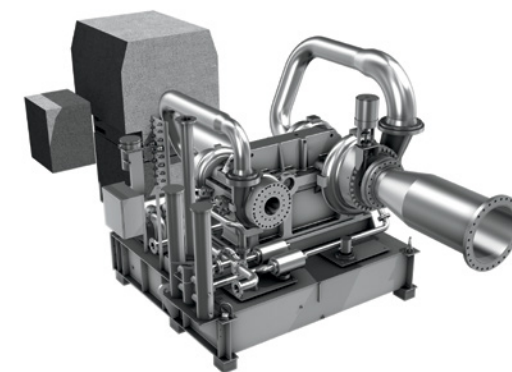
Our turboexpanders play vital roles in gas pretreatment and LNG production in onshore and FLNG plants.

- Available in oil or magnetic bearing options
- Maximum flexibility
- Centrifugal technology for hydrocarbon or inert gas
- DMR, cascade or ammonia cycle

EFG / EFG Recycle / Regen / Lean Gas / Process Gas Compressors

Atlas Copco Gas and Process compressors handle extreme conditions to deliver maximum reliability, availability and flexibility. We engineered our integrally geared compressors to perform even in the most challenging environments.

- DGS (single or tandem) for minimal gas leakage
- Maximum flexibility through IGV / DGV / ITV control
- Space, energy and operational cost savings
- Suitable for changing mole weight gas
- Tilted pad radial and thrust bearings for highest reliability





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