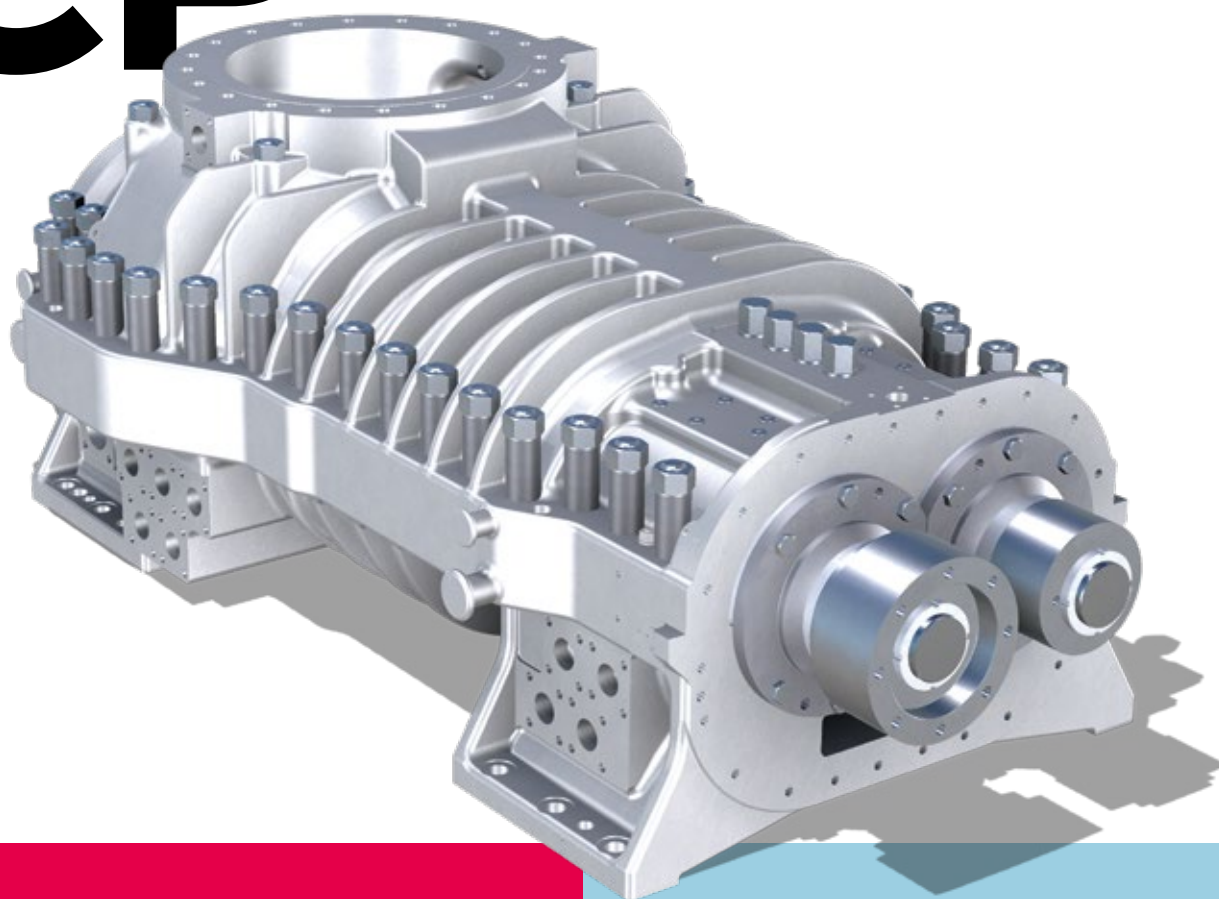


SKUEL / CP



Experience, reliability and performance

Benefits at a glance

- Oil-free compression & highest reliability
- Tailored to process requirements
- Proven service with electrolyzers for green hydrogen
- Ideal for handling dirty, polymerizing and low molecular weight gases

Everllence

SKUEL / CP

Oil-free process gas screw compressors

SKUEL series

Designed for very large volume flows. Horizontal split casing allows easy maintenance even for very large compressor sizes.

Volume flows

4,000 – 100,000 m³/h
(2,400 – 59,000 CFM)

Discharge pressure

≤ 16 bar / ≤ 230 psia



CP series

The vertical split casing allows high-pressure operation.

Volume flows

200 – 20,000 m³/h
(120 – 12,000 CFM)

Discharge pressure

≤ 52 bar / ≤ 750 psia



General

Everllence is the global leader in manufacturing and servicing oil-free process gas screw compressors. A large number of units have been installed in refineries, offshore platforms, chemical plants, and other applications where maximum reliability is essential. Whether handling hydrogen or challenging gases with high dust content or polymerization risk, Everllence screw compressors are the best choice.

Package design

The modular compressor package design enables optimal adaptation to each customer's individual application needs. Key components such as compressor stages, drive, gearbox, oil supply and sealing systems are mounted on a common base frame.

With cutting-edge technology and digital features, Everllence provides a complete package for fast installation and commissioning – minimizing effort, time and costs throughout the lifecycle.

Advantages

Low molecular weight gases:

Screw compressors are positive displacement compressors, and therefore ideal for light gases like hydrogen.

Varying molecular weight gases:

They are also an ideal technology for flare gas or recycling compressor applications.

Dirty and polymerizing gases:

They have a very rigid rotor and casing design. They can handle extremely dirty and dusty gases.

Everllence screw compressors cover the full spectrum of industrial and oil & gas applications including:

- Hydrogen
- Green hydrogen (electrolyzer)
- Oil & gas production
- Refineries
- Flare gas recovery
- Butadiene extraction
- Styrene monomer production
- Power generation
- Soda ash production
- Steel production (coke oven gas)
- Refrigeration
- Hydrogen sulfide

Upstream oil and gas offshore

With decades of experience, Everllence is assisting customers to design their floating production, storage, and offloading (FPSO) vessels and platforms for maximum efficiency and reliability. The efficient footprint of the screw compressor packages and the single-lift design are decisive advantages in offshore operation. The units are packaged as complete modules according to each project's specific requirements.

Smart cost-cutting service

Remote support is built into the control cabinet, enabling smarter operations anywhere. Advanced digital features minimize downtime and reduce operation and maintenance costs while maximizing efficiency.

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