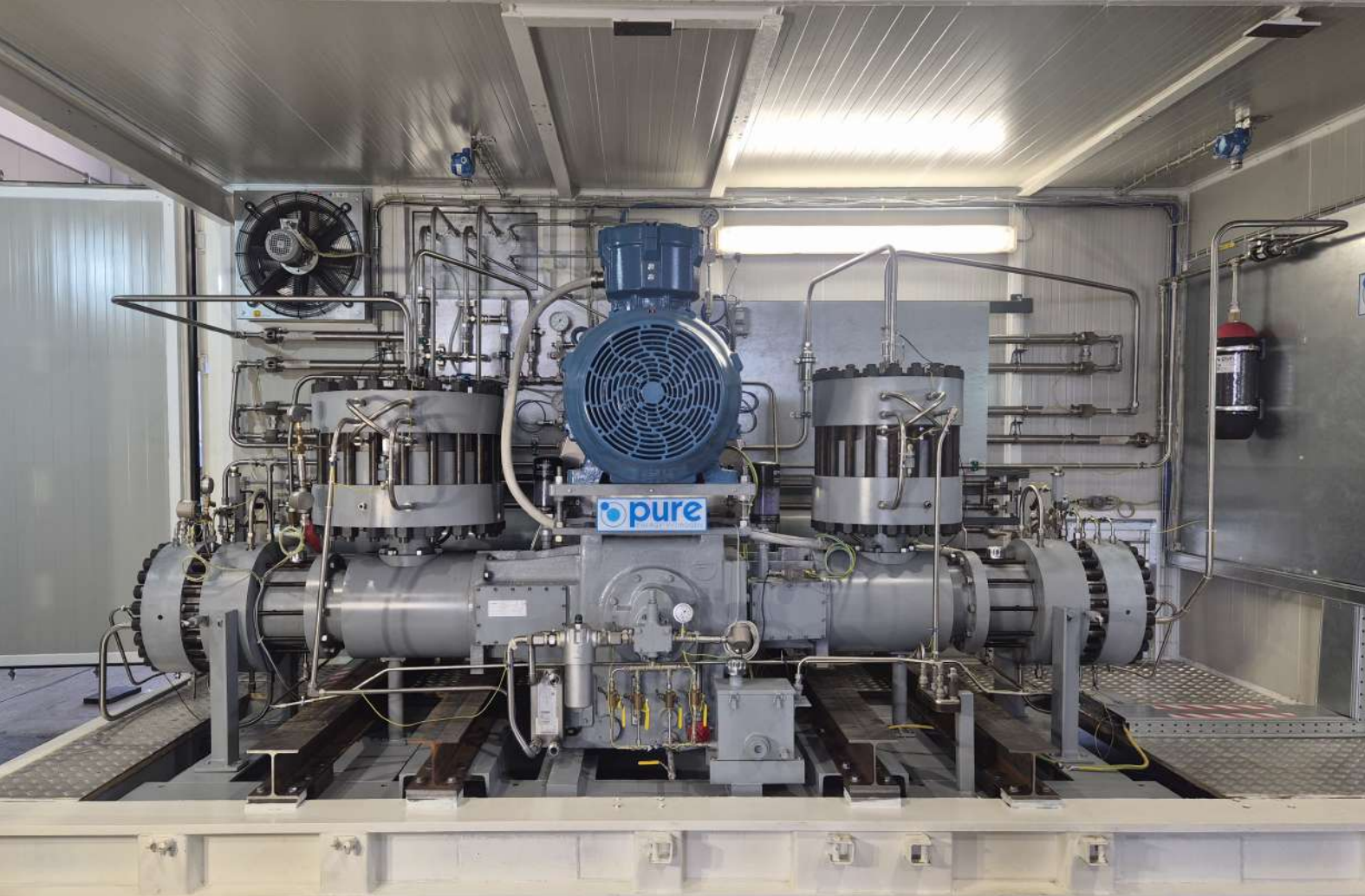


HYDROGEN DIAPHRAM COMPRESSOR



Quality Assurance

We produce excellent durable H₂ compressors, all of which are CE marked. Our compressors have a proven record of over 20 years of successful installations in many locations around Europe and the world.

Robust and Reliable

The Pure H₂ compressor series are robust, highly reliable and proven compression without any contamination. They are currently applied in Energy storage applications, Gas refuelling stations, Fuel Cell applications and in many other industrial processes.

Maintenance & Monitoring

Maintenance contracts are available for ongoing operation. We offer remote monitoring, allowing us to support customers and clients worldwide.

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HYDROGEN DIAPHRAM COMPRESSOR



TECHNOLOGY & SYSTEM LAYOUT

This Pure H₂ Compressor is a reciprocating diaphragm compressor with oil free technology to compress Hydrogen. The unit can also operate with wide suction pressure range and can pressurise up to 1000 barg. The Compressors are based on multiple stage metal diaphragm technology; this will guarantee zero contamination and absolute purity as the gas at intake. Inside the compressor, the gas wet parts will be in contact with only stainless steel and the static seals of the membrane compressor guarantee zero gas leakage. Below are the main features:

- Oil Free compression system
- Stainless Steel body for high purity gases.
- Triple diaphragm membrane with leakage detection system to prevent any contamination
- Hydrogen compression up to 1000 barg.
- Conform to CE/PED/ATEX
- Control and Monitoring



PRODUCT RANGE

- Discharge pressure up to 1000 barg
- Power consumption up to 200 kW
- Flow rate up to 1200 Nm³/h

