

MADE IN ITALY



OIL-FREE GAS COMPRESSORS

CO₂

Helium

Syngas

Oxygen

Nitrogen

Hydrogen

Carbon Capture



CET Engineering srl
Perugia - ITALY

✉ sales@ventos-compressors.com

Ventos-Compressors.com



OXYGEN BOOSTERS

AN IDEAL PRODUCT FOR:

- PSA Plant Manufacturers
- Hospitals
- Industries
- Laboratories

FILLING OXYGEN FROM PSA PLANTS INTO CYLINDERS

ADVANTAGES

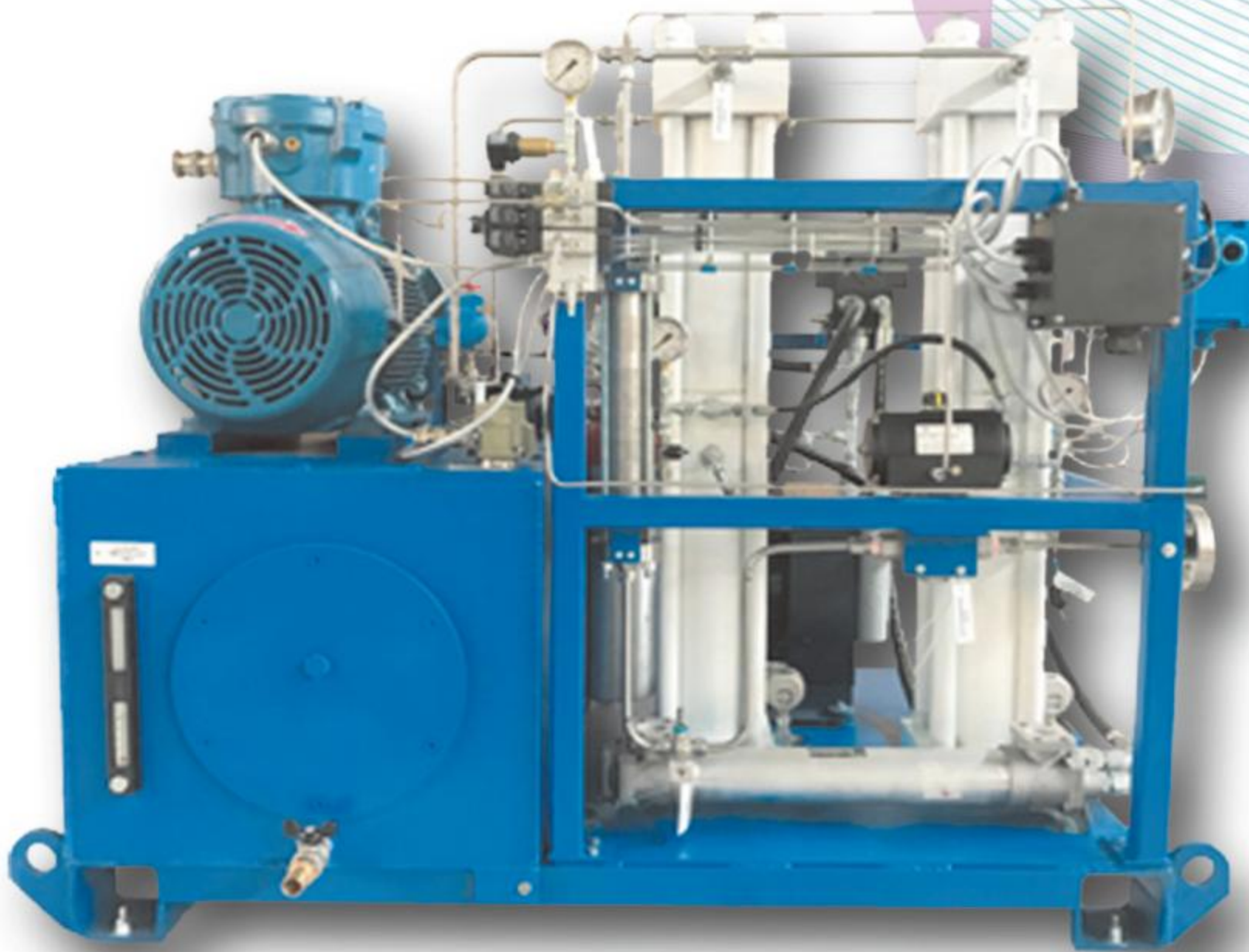
- Designed for medical use
- Electric motor driven
- Air cooled
- Extra long life of piston rings

TECHNICAL FEATURES

- Pressure up to 250 bar
- 50/60 Hz motor options
- Oxygen safety - degreasing as per industry standards



OIL-FREE BOOSTERS FOR GASES



STAINLESS STEEL GAS CONTACT PARTS

ADVANTAGES

- Leak tight - No gas loss
- Gas purity is not changed
- No compressed air required
- Electric motor driven
- Pressure up to 450 bar



DIAPHRAGM COMPRESSORS

Ventos-Diaphragm Series Gas Compressors are built with proven technology. Suitable for almost all gases, Ventos-Diaphragm Compressors are rugged and reliable for your demanding process applications.

- Zero Gas contamination
- Leak tight
- Low noise & vibration
- Triple diaphragm technology



DIAPHRAGM COMPRESSOR TECHNOLOGY



Works on all gasses

Hydrogen

Helium

Argon

SF₆

Oxygen

Nitrogen

N₂O

Silane

Special Gases & Mixtures

DIAPHRAGM COMPRESSORS

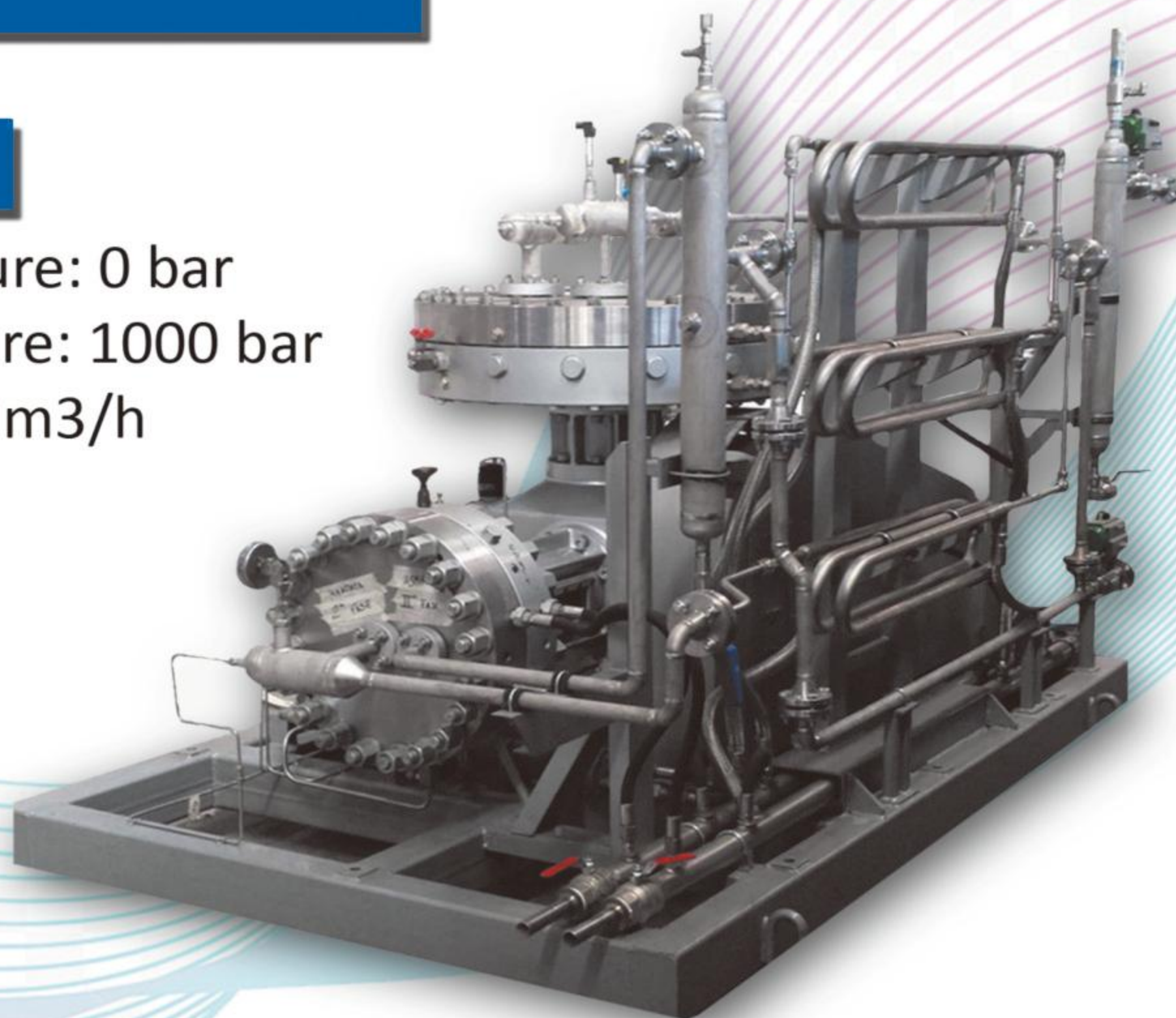
TECHNICAL FEATURES

- Up to 1000 bar pressure
- Water or Air cooled
- Stainless steel gas contact parts
- Skid mounted compressor package
- Conforms to CE/ATEX/PED

DIAPHRAGM COMPRESSOR TECHNOLOGY

COMPRESSOR DATA

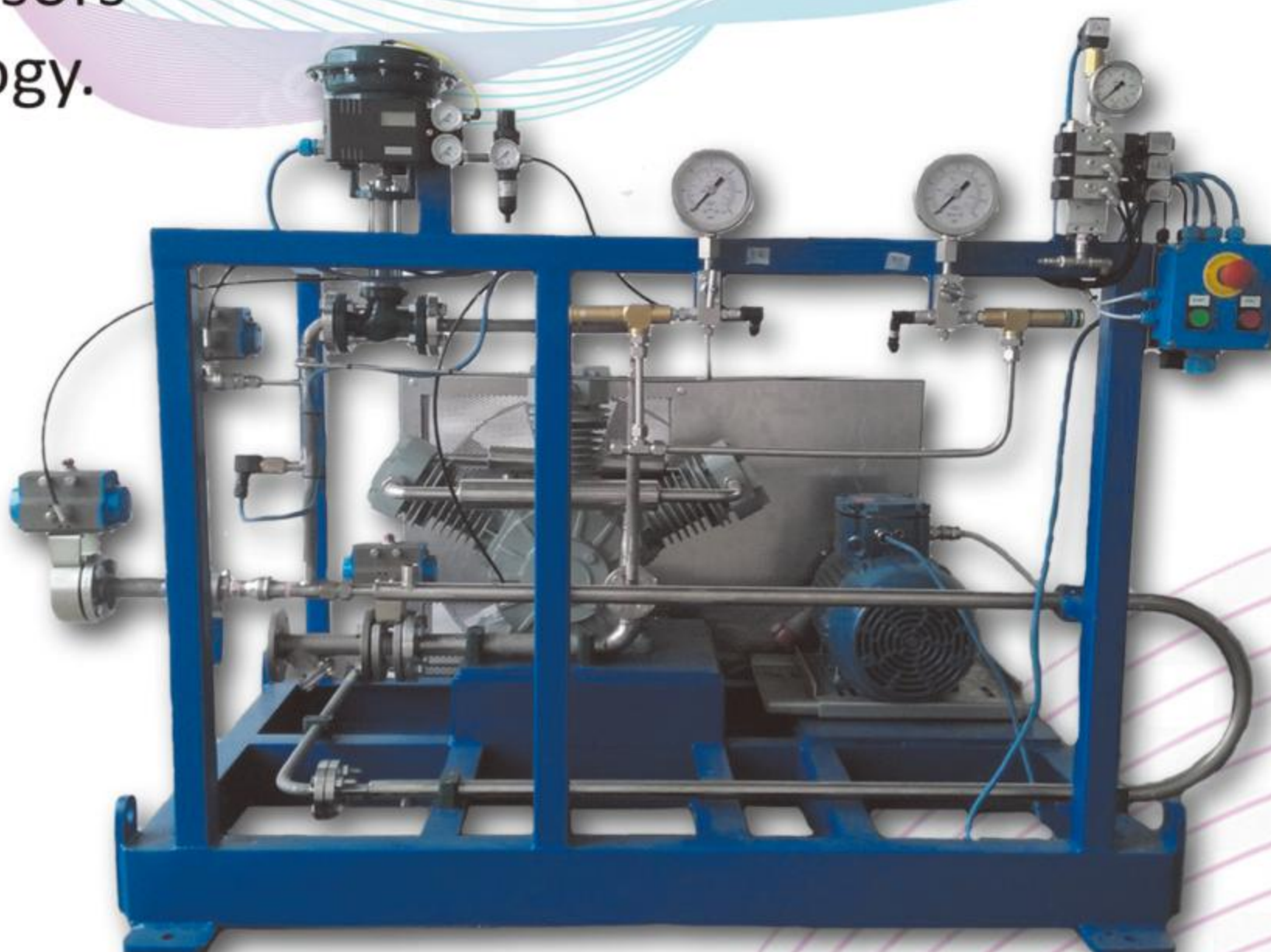
- Lowest Suction Pressure: 0 bar
- Max Discharge Pressure: 1000 bar
- Max Flow Rate: 500 Nm³/h



AIR COOLED SERIES OIL-FREE COMPRESSORS

Ventos reciprocating Compressors are built with proven technology. These are compact, air cooled compressors. Skid mounted compressors ensures small footprint & easy installation.

- Oil-free design
- Quick & easy installation
- Air-cooled
- Low maintenance



AIR-COOLED / OIL-FREE COMPRESSORS

Works on all gasses	
Oxygen	CO ₂
Argon	N ₂ O
Nitrogen	Helium
Hydrogen	Biogas
SF ₆	



AIR COOLED SERIES OIL-FREE COMPRESSORS

TECHNICAL FEATURES

- Up to 100 bar pressure
- Air-cooled compressor
- Oil less / Dry Crankcase
- Skid mounted package
- Design compliant to AIGA standard for Oxygen safety



AIR- COOLED / OIL-FREE COMPRESSORS

COMPRESSOR DATA

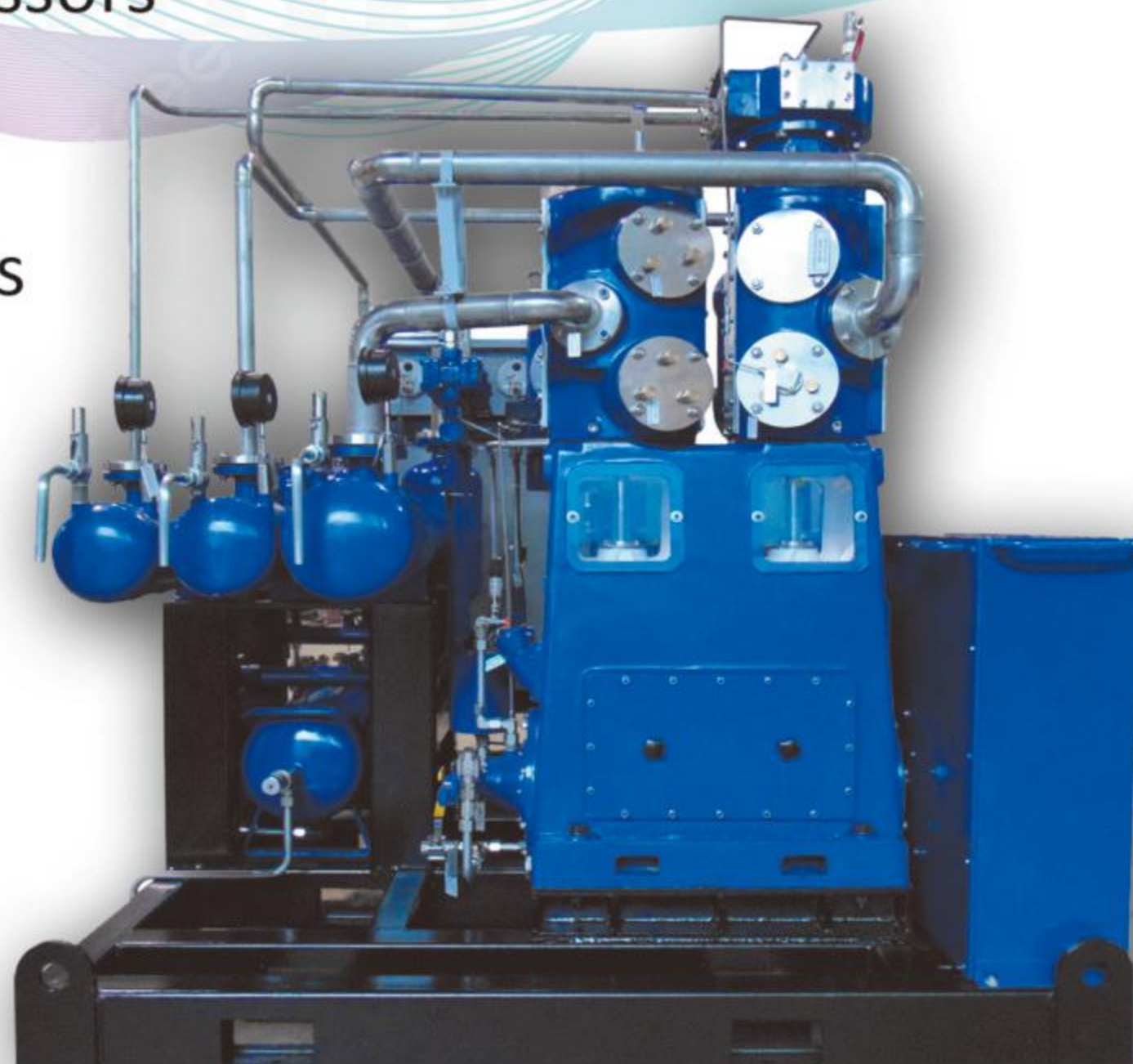
- Lowest Suction Pressure: 0 bar
- Max Discharge Pressure: 100 bar
- Max Flow Rate: 60 Nm³/h
*(At 0 bar suction pressure)



WURZEN SERIES PROCESS GAS COMPRESSORS

Ventos Wurzen Series Gas Compressors are built with proven German technology. Suitable for almost all gases, Ventos-Wurzen Compressors are rugged and reliable for your demanding process applications.

- Oil-free Design
- Continuous operation
- Proven Design
- Low Energy consumption



NON - LUBRICATED COMPRESSORS

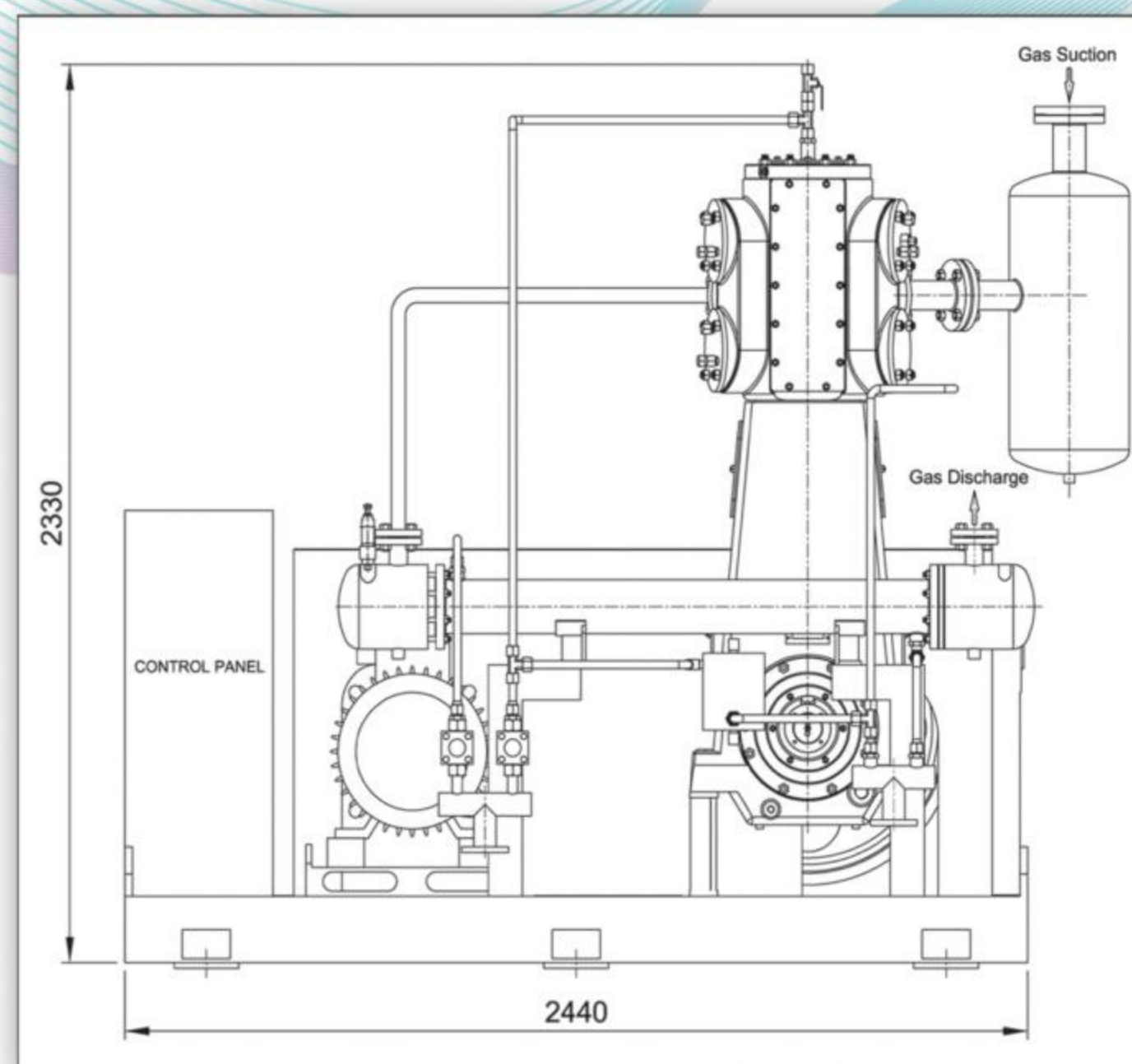
Works on all gasses	
Oxygen	CO ₂
Argon	N ₂ O
Nitrogen	Helium
Hydrogen	Biogas
PET Bottle Blowing	



WURZEN SERIES PROCESS GAS COMPRESSORS

TECHNICAL FEATURES

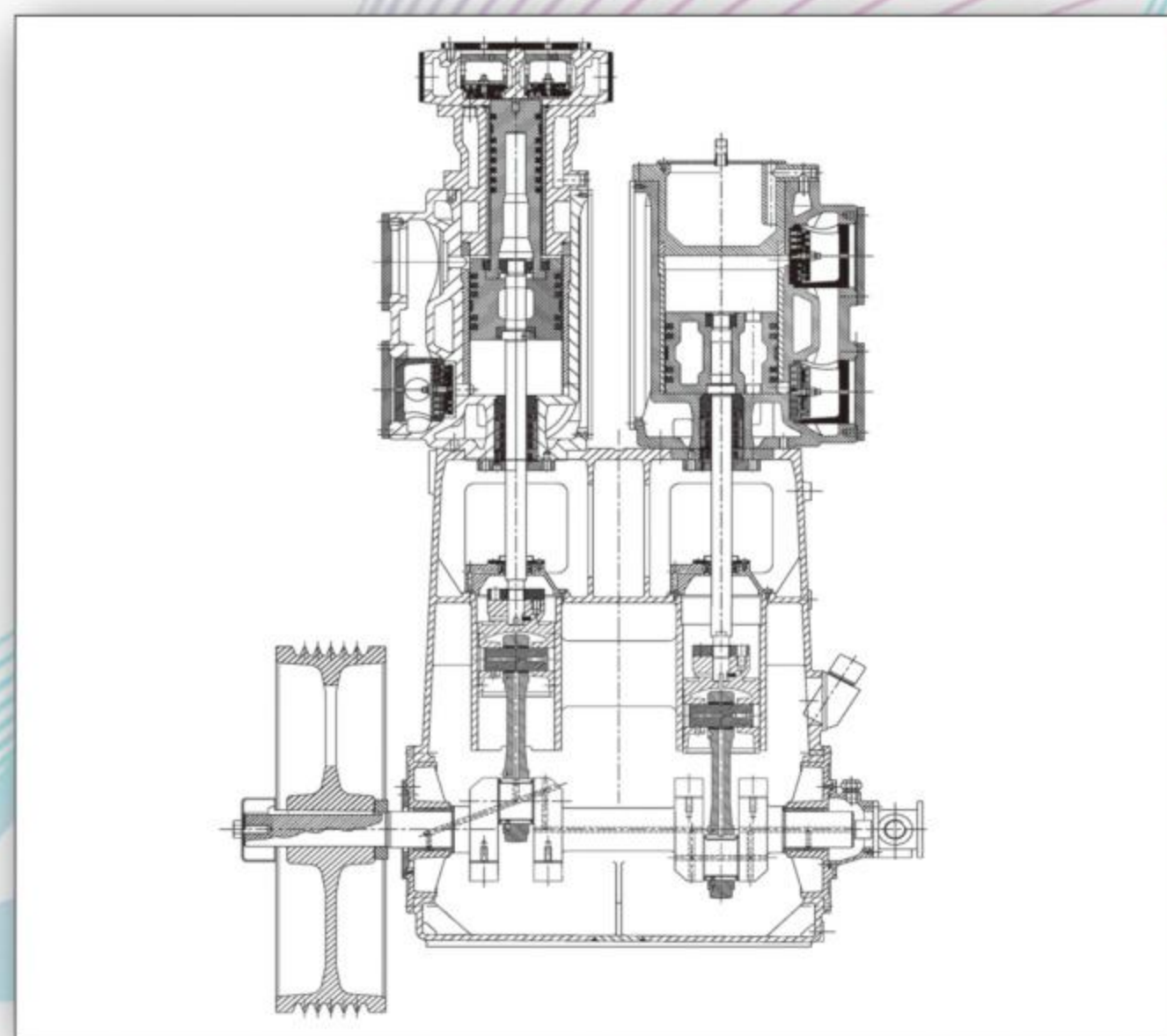
- Up to 40 bar pressure
- Water cooled compressors
- Low vibration & noise
- Skid mounted compressor package
- Design compliant to ALGA standard for Oxygen safety



NON - LUBRICATED COMPRESSORS

COMPRESSOR DATA

- Lowest Suction Pressure: 0 bar
- Max Discharge Pressure: 40 bar
- Max Flow Rate: 800 Nm³/h



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NOTES



 sales@ventos-compressors.com

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Ventos Compressors

CET Engineering srl
Via dei Salici (corner with Via dei Platani)
06083 - Bastia Umbra - ITALY

 **+39 075 9475812**