



 *Gas Compressors : Made in Italy*

- ★ Diaphragm Compressors
- ★ Oxygen Compressors
- ★ Hydrogen Compressors
- ★ Helium Compressors



CET Engineering srl
Perugia - Italy

Ventos-Compressors.Com

An ideal product for:

- PSA Plant Manufacturers
- Hospitals
- Industries
- Laboratories



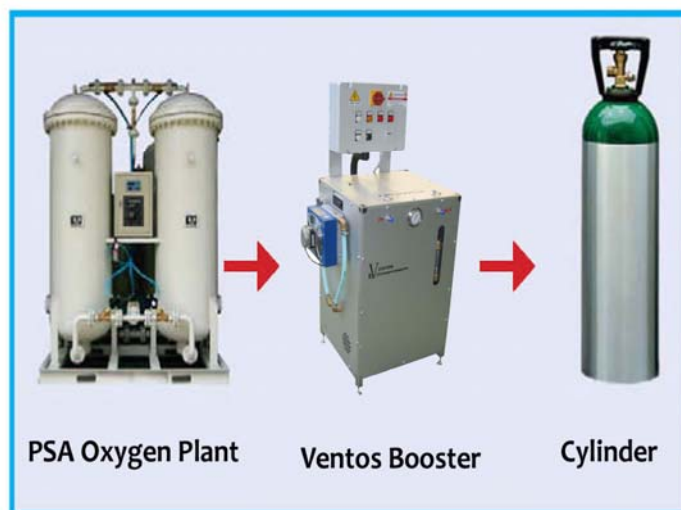
★ Filling Oxygen from PSA Plants into cylinders ★

Advantages

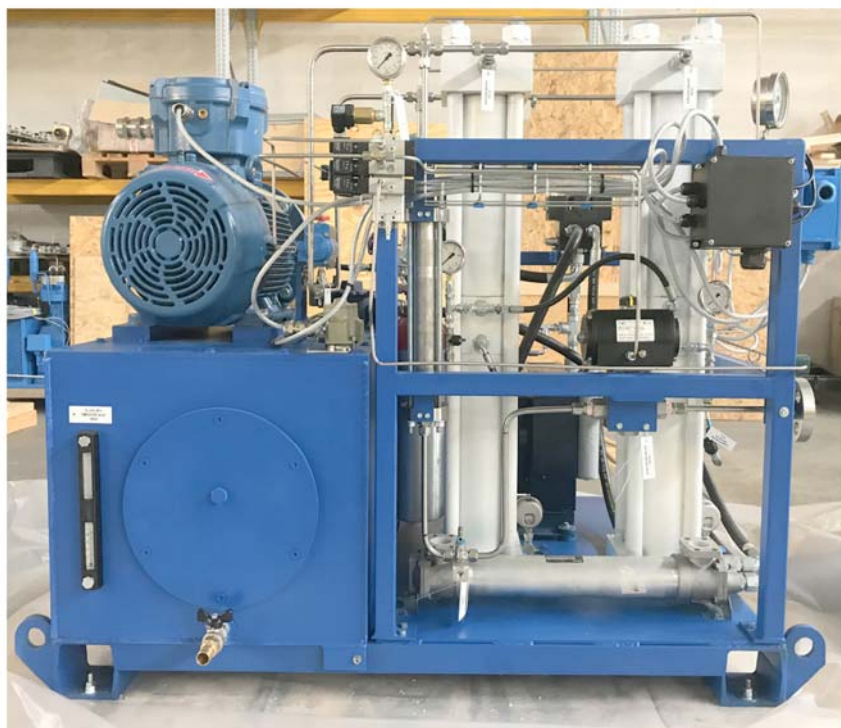
- ✓ Designed for medical use
- ✓ Electric motor driven
- ✓ Air cooled
- ✓ Extra long life of piston rings

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



Helium Series High Pressure Compressors

Ventos reciprocating compressors are built with proven technology.

These are compact, Air cooled compressors up to 350 bar.

Designed for continuous rugged duty, cylinder filling application.

- ✓ **Oil-Lubricated Design**
- ✓ **Air-cooled**
- ✓ **Low maintenance**
- ✓ **Skid-mounted package**



★ Helium Compressors ★

★ Works on all gasses ★	
Air	Methane
Nitrogen	Syngas
Argon	Hydrogen
Helium	Biogas



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	SF ₆
Oxygen	Nitrogen
N ₂ O	Silane
Special gases & Mixtures	



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 : 0 bar Pressure
- ★ Max Discharge : 1000 bar Pressure
- ★ 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	



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 : 0 bar Pressure
- ★ Max Discharge : 100 bar Pressure
- ★ 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**



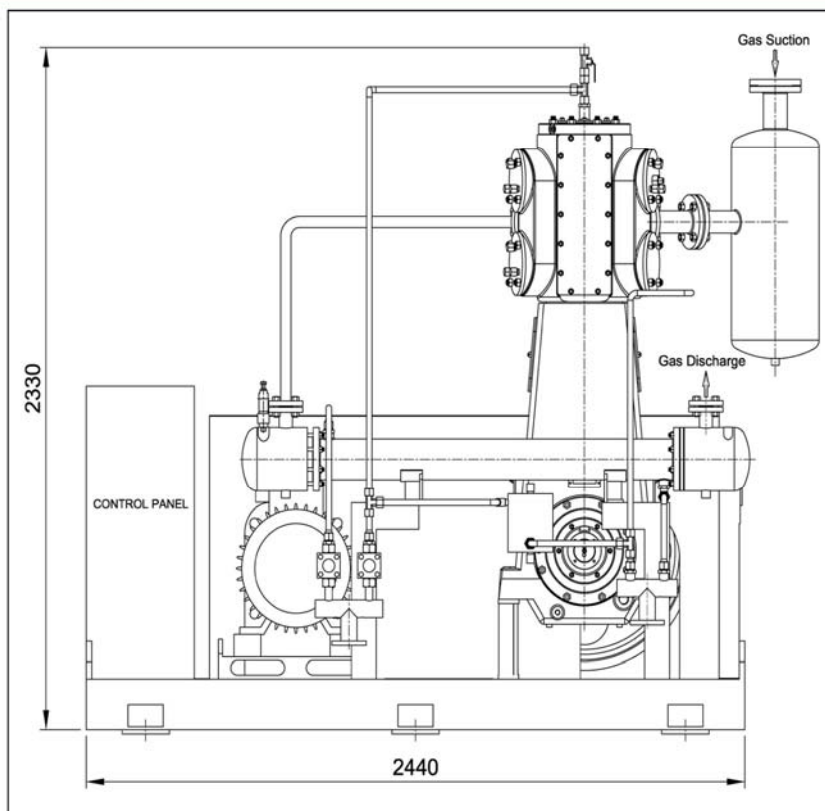
★ Non - Lubricated Compressors ★

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



Technical Features

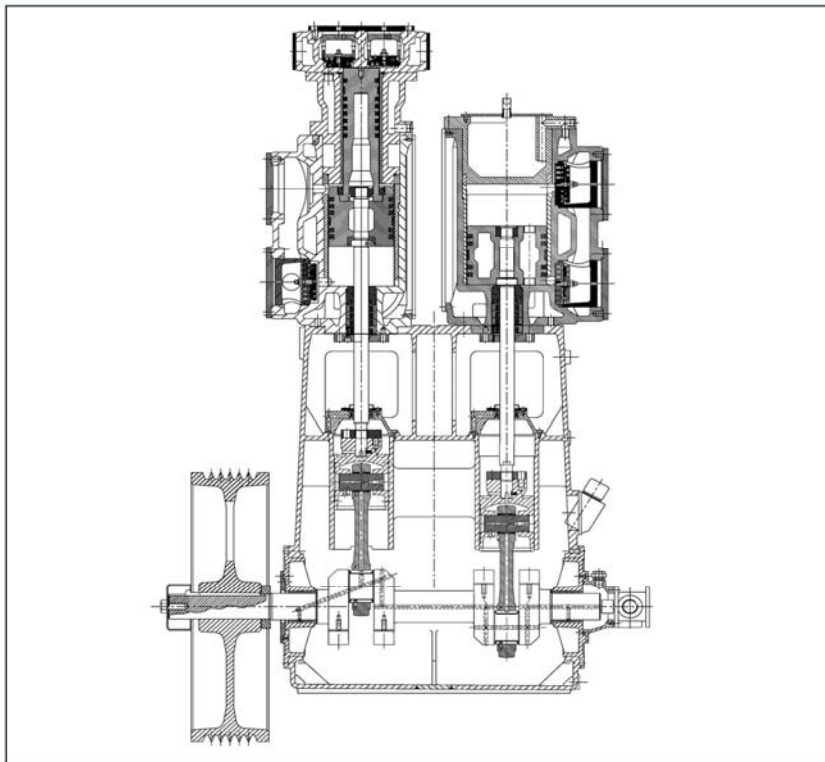
- ✓ Up to 40 bar pressure
- ✓ Water cooled compressors
- ✓ Low vibration & noise
- ✓ Skid mounted compressor package
- ✓ Design compliant to AIGA standard for Oxygen safety



★ Non - Lubricated Compressors ★

Compressor Data

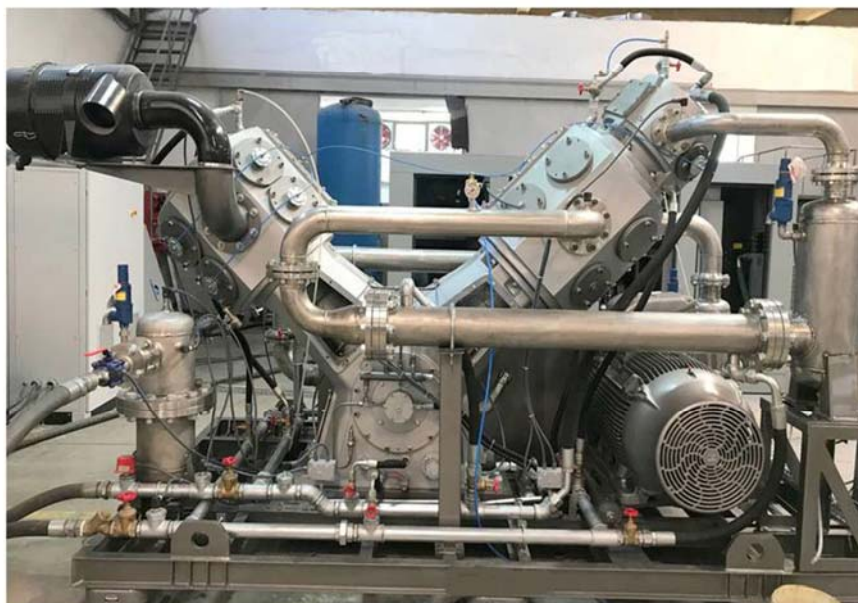
- ★ Lowest Suction : 0 bar Pressure
- ★ Max Discharge : 40 bar Pressure
- ★ Max Flow Rate : 800 Nm³/h



VW Series Process Gas Compressors

Ventos VW Series Gas Compressors are built with proven international technology and made for wide range of applications. The VW Series Gas Compressors are suitable for all type of gases. Design for heavy duty applications, these compressors are available in both oil Lubricated and oil free designs.

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



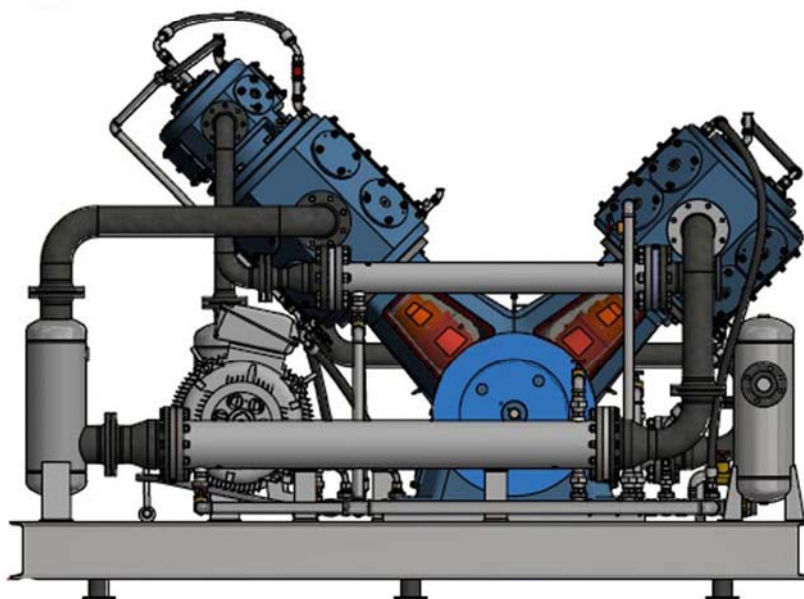
★ Process Gas Compressors ★

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



Technical Features

- ✓ Up to 50 bar pressure
- ✓ Water cooled compressors
- ✓ Low maintenance costs
- ✓ Skid mounted compressor package
- ✓ Design compliant to AIGA standard for Oxygen safety



★ Process Gas Compressors ★

Compressor Data

- ★ Lowest Suction : 0 bar Pressure
- ★ Max Discharge : 50 bar Pressure
- ★ Max Flow Rate : 1200 Nm³/h
*(At 0 bar suction pressure)

