

# RO, ROW

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# Air-cooled or water-cooled rotary vane compressor

## RO Toplevel 50-150

Air-cooled or water-cooled rotary vane compressor in compact design.

- Capacity from 180 to 1,150 m<sup>3</sup>/hr
- Pressure from 3.0 to 10 bar (g)
- Available in sizes 50, 65, 75, 85, 100, 120 and 150

### Features

### Features

The Toplevel compressor series is a particularly compact design.

- Available in air- or water-cooled version
- Built-in multifunctional cooler. In addition to providing the necessary oil cooling, these coolers reduce exhaust gas temperatures to approximately 15 °C above the ambient temperature

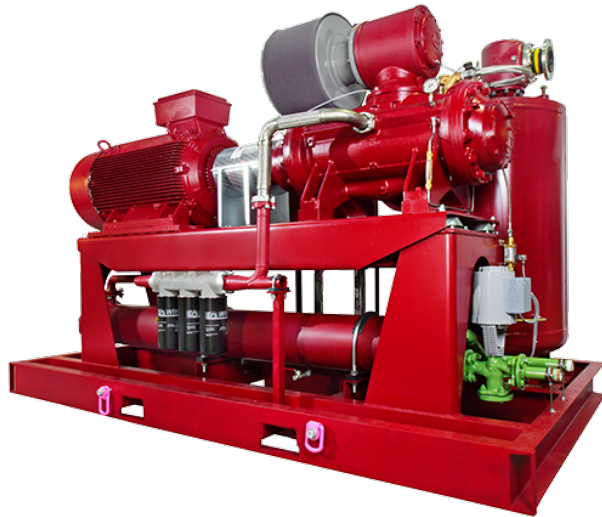
- Maximum energy efficiency
- Variable speed drive thanks to frequency converters

## Parts & Service

### Service

Service and maintenance are costly and time consuming necessities. To keep your costs down we offer hands-on workshops for your technicians to empower them to carry out service fast and efficiently at your plant. Successful attendance of our in-depth trainings for ATEX machines is rewarded with a certificate. If your machine actually breaks down we provide fast and efficient support from the factory.





# Air-cooled or water-cooled vane compressor RO 170-460

Air-cooled or water-cooled rotary vane compressor.

- Capacity up to 3,000 m<sup>3</sup>/hr
- Sizes: 170, 230, 300, 370, 460

## Features

### Technology

- Maximum compression
- Final pressure from 2.0 to 10 bar (g)
- Compressor designed for optimum energy efficiency at the specified operating point
- Direct drive via coupling
- Low residual oil content: 0.8 to 3 mg / m<sup>3</sup>
- Maximum reduction of residual oil content to 0.003 mg / m<sup>3</sup> using post-filters

- Frequency between 30 and 60 Hz
- Limp-home capability
- Single shaft: simple and rugged design, few rotating parts
- Low rotational speed of 1,480 rpm
- Low noise and vibration
- Small footprint
- Foundation-free installation

## Cost Efficiency

- High efficiency at high availability
- Low energy consumption
- Exceptional safety standard
- Optional heat recovery
- Up to 100,000 operating hours without overhaul
- Long service life of bearings and rotors
- Bearings can be changed on site
- Easy to install

## Highlights

- Best choice for low pressure applications in continuous mode
- Lowest total cost of ownership - get in touch with us if you want to know more !

## Parts & Service

### Service

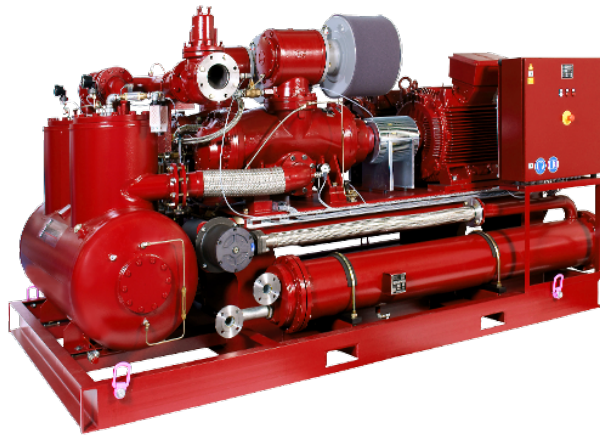
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down we provide fast and efficient support from the factory.



## Applications

Mostly used in low pressure applications like bottle manufacturing and pneumatic conveying.



# Water-cooled compressed air rotary vane compressor

## ROW 600-920

Water-cooled compressed air rotary vane compressor.

- Capacity up to 6,000 m<sup>3</sup>/hr
- Pressure from 2.5 to 10 bar (g)

### Features

### Technology

- Maximum final pressure from 2.5 to 10 bar (g)
- Optimal energy efficiency at specified operating point
- Direct drive via coupling
- Maximum reduction of residual oil content to 0.003 mg / m<sup>3</sup> using post-filters
- Frequency controllable between 30 and 60 Hz
- Limp-home capability
- Single shaft

- Simple and rugged design with few rotating parts
- Low rotational speed: 1,480 rpm
- Low noise and vibration
- Small footprint
- Foundation-free installation

## Cost Efficiency

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- Low energy consumption
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