

**AERZEN INTERNATIONAL RENTAL**

**TEMPORARY  
100% OIL-FREE  
AIR SOLUTIONS**



**INSTANT AIR ANYWHERE**

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100% OIL-FREE BLOWERS AND COMPRESSORS ▼

24/7 SERVICE & SUPPORT ▼

RENTAL, OPERATIONAL LEASING, CONTRACTING ▼

# Fast and flexible rental solutions ensure production continuity

The last thing you want is capacity shortfalls or production downtime. However, situations (unforeseen or otherwise) can arise in your production process that mean you are unable to fulfil your production targets.

Aerzen International Rental provides you with a fast, effective and efficient solution. We supply 100% oil-free air solutions for most industry sectors, either on an incident or contract basis (Service Level Agreement). From rental units for immediate deployment in the event of a production stoppage or shortfall, to operational leasing and contracting, Aerzen International Rental is your expert partner. Our know-how assures you of in-depth technical support and solutions that fit seamlessly with your process. Depending on your requirements, we will organize transportation, installation and commissioning. Aerzen International Rental includes all maintenance within the weekly hire charge. Aerzen International Rental allows you to minimise production downtime and save money on temporary air supply facilities.



## **Aerzen International Rental, your partner for:**

- Environmentally-friendly solutions
- Repair and maintenance
- Additional air (oxygen) supplies during peak production times
- New build/modifications to systems
- Process optimisation
- Complete system solutions for water treatment plants
- Air supply for tunnel construction (breathable air)
- Research & development projects
- Bespoke solutions to meet your specific requirements

# Rental

# The expert for bespoke solutions



In addition to our standard hire units, we also supply custom-built machines for special projects or research & development. Your process is the top priority here. Examples of our application know-how include:

- Transport of neutral gases (e.g. N<sub>2</sub>)
- Closed-loop systems
- Fermentation and catalyst systems
- Tunnel ventilation with regulation of pressure
- Drying pipes
- Positioning and hardening of liners in pipes
- Distribution of coating on substrate

## Wide range

- Within Europe, we have more than 150 electrically driven units at our disposal with total 100% oil-free air capacity of 350,000m<sup>3</sup>/h
- Twenty different models varying from 120 to 5,500 m<sup>3</sup>/h
- Pressure range from -700mbar to 11,000mbar (using five different displacement/compression models for the best energy efficiency)
- Service components such as Aerzen blower stages and Aerzen compressor stages up to 9,000 m<sup>3</sup>/h
- Pipes for connecting DN50 to DN400 and ANSI 6" to ANSI 12"
- Electrical accessories such as transformers, cables and distributors up to 1000kVA
- Ventilation plates for wastewater purification and surface water emergencies up to 240Nm<sup>3</sup>/h per frame

## Turn-key solutions

### 24 hours a day, 7 days a week

What is different about Aerzen International Rental is our super-fast service. Our hotline is available to assist you 24 hours a day, 7 days a week. When you contact us, we will immediately put together an emergency plan. We will then deliver and install the rental unit with all the pipes and the other equipment you need. These are connected up to your production process and are ready for operation at the touch of a button. Aerzen International Rental has depots in strategic locations throughout Europe. This means our rental units and know-how are always on hand to assist you. We are the right people if you require other equipment, such as coolers, air-dryers, transformers and diesel units.



**CALL OUR 24/7 HOTLINE:  
+31 (0)26 446 4723**

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## Cost-effectiveness



Our wide range of hire machines means that Aerzen International Rental always has the right unit for the capacity and pressure needs within your process. The advanced control system allows you to specify the capacity or pressure you want and avoids wasting energy through over-capacity or over-compression. The robust design of Aerzen units means preventive maintenance is limited to approximately once a year. It also eliminates the need to schedule lengthy downtime for maintenance and/or the need to put redundant units on stand-by. Aerzen International Rental can manage your entire project, working to your budget and so achieve a cost-effective solution.

### Why use Aerzen 100% oil-free units?

- Reliable and low-maintenance
- Energy-efficient
- Low-noise
- Economical
- Compact and transportable
- Clean air
- User-friendly

### Choose a partner who understands your application

We know you place high requirements on your production process. Choosing Aerzen International Rental means choosing a specialist partner who knows your application, giving you peace of mind. Our engineers have many years of experience of working with compressed air systems in virtually every sector. Whether in the water purification, desulphurisation, pneumatic transport, tunnel construction or glass fibre production industries, our application know-how assures you of an efficient solution.

### Some of the companies Aerzen International Rental works for:

Schwenk Zement, Heidelberg Cement, Cemex, Cargill, Zalco, Borealis, ENCI, Rio Tinto / Alcan, AKZO Nobel, Kronos Titan, Heineken, DMV International, Friesland-Campina DOMO, Carneuse, DSM Special Products, Sitech Services, BASF Evonik Degussa, RUAG, Airbus, Geveke, Ineos, Solvay Chemical, Tate & Lyle, ADM Milling, Esso, Deutsche BP, Total, Conoco Phillips, Sasol, RWE Power AG, Veolia, Aan de Stegge, Bosman Water Management, Electrabel, The majority of district water boards/sewage treatment plants in the Netherlands, United Kingdom and Germany.





# Economically and ecologically sound solutions - 100% oil-free

## Energy-efficient

- The application of roots blowers, low-pressure, high-pressure and two-stage screw compressors means you can opt for energy-efficient compression for your process, and control the volume flow using frequency regulators. The result for you is the flow and pressure you want combined with minimum energy consumption.
- Our quick scan of electrotechnical facilities allows us to make a wide range of connections to local low-voltage and/or high-voltage networks. This means there is no longer a need for energy-inefficient diesel drives (which also cause noise and environmental pollution).
- By using the optimum pipe diameters for your process, you are assured of minimum loss of pressure and energy.
- The use of electrical units allows you to make significant cost savings in terms of energy consumption, when compared to diesel-driven solutions.
- The range of more than 20 different models means a unit is always available for your solution at a competitive price.
- Due to the electrical drive and robust design of Aerzen equipment, servicing and maintenance is kept to a minimum.

## Low-noise

- The casing of Aerzen machines is specially designed to minimize noise emissions.
- We have super silent units for use in the vicinity of residential and noise sensitive areas.
- We are able to deploy large pipe diameters that minimise air speed and therefore noise emissions.

## Economical

- No investment costs: you only pay for what you need.
- No maintenance costs, all maintenance is covered by Aerzen International Rental.
- You can try out new applications without any capital expenditure.

## Compact and transportable

- Our machines are designed to be as compact and lightweight as possible, making them easy to install on site.
- The small transport volume reduces costs and pollution.

## 100% oil-free air purity

- The Aerzen design makes it physically impossible for oil from the gearbox to come into contact with the parts containing air. This precludes the need for a classification such as 'class 0', as this has already been excluded in the design process.
- The use of electrically driven Aerzen units does not result in any unnecessary emissions/pollution.

## Ease of operation

- Our equipment is supplied with clear instructions and a user-friendly control panel.
- Our equipment is fitted with connections for external signals, oxygen regulation, local and remote control.
- Our support service is available 24/7 to advise and assist you.

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24/7 hotline:  
+31 (0)26 446 4723

## Aerzen International Rental, the experts

Aerzen International Rental guarantees the rapid delivery of rental machines and accessories in the event of an emergency, during maintenance and servicing. In addition, we supply bespoke solutions for research & development, operational leasing and contracting. We are part of Aerzener Maschinenfabrik GmbH, the European market leader in (oil-free) air and gas transfer technology. Choosing Aerzen International Rental means you are choosing 150 years of experience, acquired in virtually every industry sector. Through our extensive network of Aerzen branches and rental depots, you are always assured of fast, expert service.

### **Aerzen International Rental BV**

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