





Airgas Compressors (Pty) Ltd is the South African subsidiary of Aerzener Maschinenfabrik GmbH in Germany. Their involvement in the South African industry dates from 1960 until 1985 they were represented by agents. During this period they established a reputation for quality products and technical expertise. In 1985 Aerzener committed itself to South Africa by establishing Airgas Compressors (Pty) Ltd. The high performance and reliability of Aerzener machines is recognised world-wide.

Airgas started off in 1985 on small premises with only 3 staff members. Due to an ever increasing workload it became necessary to move to larger premises in 1993, which offered room for further expansion. Based on our successful growth and development, Aerzener again expressed its confidence in South Africa by making South African management responsible for the entire sub-Saharan region.

Airgas Compressors' policy of total commitment to product servicing and client satisfaction necessitated the implementation of modern workshops and comprehensive spare parts holding. A major expansion project and related constructions commenced in April 2008.



Full service, repair and German-trained technicians are available to all Airgas customers around the clock. As a further benefit to our customers we have established, and offer, a training facility covering all aspects of service and repair of all Aerzener blowers and compressors.



The company specialises in the sales and service of high quality Roots-type blowers for air and process gases, oil-free and oil-injected screw compressors, refrigeration screw compressors, gas compressors, gas meters, rotary valves, side-channel blowers; and compressed air treatment equipment throughout the sub-continent.

Many major contracts have been successfully completed in a variety of industries. In order to contribute

to the employment of the local workforce, Airgas Compressors commenced with the local manufacture of blower accessories in 1988.

QUALITY & STANDARDS

Airgas are in progress of implementing the SABS ISO 9002 code of practice. Quality assurance based on ISO 9001 has long since been in place with our overseas suppliers.

Our top quality products meet the highest international standards, achieving certification in Categories 1, 2 and 3, whilst remaining price competitive. Emphasis has been placed on incorporating features that reduce environmental impact and promote general safety. All our equipment has been tried and tested in the most unforgiving environments. This has ensured customer satisfaction since our establishment in 1985.

Application Ranges:

Whenever and wherever air and gases are being conveyed, compressed or measured, twin-shaft positive displacement machines made by Aerzener are applied. The list of application fields is long and includes almost all industrial branches. Here are some application fields for Aerzen positive displacement blowers, rotary piston gas meters and screw compressors:

- > Chemical and process technology
- > Compressed-air technology
- > Pneumatic transport of bulk materials in the foodstuff, construction and synthetic industry
- > Environmental protection: Flue gas desulphurisation, de-dusting plants, suction and compression of waste gas, pressure aeration of sewage sump and filter flushing
- > High-vacuum technology
- > Refrigeration and climate technology
- > Mining
- > Steel industry
- > Semiconductor industry: eg. clean-room technology
- > Drinking water treatment
- > Gas conveyance
- > Petrochemistry



AERZEN

AIRGAS
Compressors (Pty) Ltd

The Aerzener product range includes Positive Displacement Blowers, Blowers Side Channel, Delta Screw Compressors (single-stage & multi-stage) delta hybrid and Gas Meters. Also included is the Generation 5 Delta Blower package with its improved sound attenuation and increased user-friendliness. The unit is easily transported and installed and can be serviced from the front without stopping the blower.

Aerzen's positive displacement blowers (of the Roots-type design) have been manufactured since 1868 and today are highly developed standard production machines designed and adapted to find use in a wide variety of applications.

About Aerzener Maschinenfabrik GmbH

- > Aerzener was founded in 1864
- > Parent company has approx. 950 employees
- > Subsidiary companies: 10
- > Subsidiary companies employ approx. 250
- > Delivery program include blowers, compressors, gas meters
- > Blower production is approx. 7 500 per year
- > Compressor production is approx. 4 000 per year
- > Gas Meter production is approx. 1 000 per year
- > Factory area is approx. 65 000 m2
- > Export rate is approx. 50%



Oil-Injected Screw Compressors. The Boge compressed air system features a new energy-efficient Boge Converter which completely separates any residual oil from the condensate of the compressed air; and converts any oil residues into water and carbon dioxide.



Quality, versatility, environmental awareness and reliability are the priorities in Friulair's products. Many years of experience in developing, manufacturing and marketing, plus high quality control standards, are characteristic of Friulair. Refrigerant Dryers, compressed air dryers and Filters.

FRIULAIR
Dryers

BOGE



AERZEN



Rota Val supplies valves to handle most materials - from abrasive minerals to bay food, explosive chemicals to clinical pharmaceuticals - in operating conditions ranging from -100C to +900C and often under adverse pressures. Rotary valves and flap diverter valves. Compressed air driers.

ROTAVAL



Side Channel Blowers for pressure and vacuum are ideal for applications in packaging, pneumatic transport and lifting, dust cleaning, aspiration, water treatment, air cushion and water tables, the medical field and many more. Dutair side channel blowers are especially suitable for mobile applications when combined with DC motors, Combustion engines, Hydraulic motors or Pneumatic motors.



