



Atlas Copco



ATLAS COPCO COMPRESSED AIR, INDUSTRIAL GAS & VACUUM SOLUTIONS

Sales, service, spare parts,
installation and diagnostics

Ask us about our FREE #airCHECK!



Atlas Copco Compressors has its head office in Hemel Hempstead, Herts. Regional branches in Uddingston, Scotland, Leigh, near Warrington, and Kettering, Northants, as well as a network of manufacturer-trained distributors, ensure we can offer advice and support wherever you are.

The Home of Industrial Ideas



At Atlas Copco Compressors we team up with our customers to turn industrial ideas into smart connected air and gas solutions and leading edge compressed air and industrial vacuum technology. Our passionate people, expertise and service bring sustainable value to industries everywhere. Atlas Copco is based in Stockholm, Sweden with customers in more than 180 countries and about 37 000 employees.

Atlas Copco's UK customer centre was opened in 1919. For a century we have been supporting UK industry with everything from the smallest workshop compressor to purpose built packages for specialist applications - all with energy efficiency, reliability and lifetime value in mind. We have the largest team of expert service engineers operating nationwide, ensuring that your production is kept running efficiently at all times.

PISTON COMPRESSORS

Atlas Copco piston compressors are a simple, robust design and advanced in features and capability. This established compression technology allows Atlas Copco to focus on efficiency and versatility, creating compressors suitable for most industrial environments. Atlas Copco's oil-lubricated LE & LT range can deliver compressed air up to 30 bar, whilst the LF, LFX & LZ range are quiet, compact and deliver 100% oil-free air.



SCROLL COMPRESSORS

The SF and SF+ range of scroll air compressors are reliable, energy efficient and guarantee the delivery of 100% oil-free compressed air, certified to ISO 8573-1 Class 0 standard. Super quiet from 52 dB(A), and compact, they can be installed within any working environment and are ideal for dental and research laboratories. SF+ units incorporate the Elektronikon controller which provides enhanced monitoring features and easy control of multiple compressor installations.



SMALL ROTARY SCREW COMPRESSORS

GX and G compressors bring the power and reliability of an industrial screw compressor to small and medium sized industry. Quiet operation and reliability make them suitable for continuous duty on a work site. These receiver- or floor-mounted machines are ideal for anything from automotive workshops to light manufacturing.

Order online at www.thecompressorstore.co.uk



INDUSTRIAL ROTARY SCREW COMPRESSORS: FIXED SPEED, VSD & VSD+

Premium GA & GA+ rotary screw compressors from 5-500kW to keep your production running smoothly. From tank-mounted workshop solutions with easy plug and play concept, through to workplace compressors with integrated air treatment equipment and Elektronikon Touch controller for easy monitoring and maintenance. Most models are also available with Variable Speed Drive technology which saves up to 35% on energy consumption.

In addition, the innovative GA VSD+ variable speed drive compressors embody smart revolutionary design in a space saving vertical or compact horizontal configuration. VSD+ compressors reduce energy consumption by up to 50% thanks to an oil cooled, direct drive, interior permanent magnet motor that exceeds IE4 efficiency levels driven by a fully integrated variable speed drive. Available from 15 to 160 kW.



OIL-FREE COMPRESSORS: ROTARY SCREW, TOOTH & TURBO

Air- or water-cooled oil-free rotary tooth and oil-free rotary screw ZR/ZT compressors, including VSD technology. The ultimate all-in-one packages to provide guaranteed Class 0 compressed air and decrease your energy bill by up to 35%. Wide pressure range, flow rates up to 2456 l/s and energy recovery options offer a risk-free choice for any production process. The ZH is a plug & play centrifugal compressor package. Equipped to save energy and guarantee reliability, the ZH+ turbo compressor is ideal for customer processes where air demand is >1250 l/s.

The pioneering AQ water-injected rotary screw VSD compressors deliver 100% oil-free air to ISO 8573-1 CLASS 0 standard. Available in water-cooled or air-cooled versions, AQ compressors meet your precise needs for pure oil-free air while offering up to 12 bar pressure and improved energy efficiency.



LOW PRESSURE COMPRESSORS AND BLOWERS

The need for oil-free air between 0.3 and 1.2 bar is served by the ZS screw blowers which provide reliability and energy efficiency, reducing costs by an average of 30% when compared to traditional lobe blower technology and is the ideal solution for water and waste water treatment applications and material conveying. The ZS+ VSD offers a state-of-the-art ready to run package with completely integrated VSD converter and proven Elektronikon® controller.

For low pressure oil-free air between 1 and 4 bar the ZE/ZA compressor range offers a combination of high reliability and energy efficiency, providing a 100% certified supply of oil-free air for a broad spectrum of industrial applications.



HIGH PRESSURE COMPRESSORS AND BOOSTERS

Atlas Copco provides solutions for compressing and boosting air and gases up to 500 bar. From 11kW off the shelf boosters to 1MW engineered solutions, Atlas Copco has experience in PET blow moulding, CO2 recovery and nitrogen bottling, with specialist brands such as Crepelle, Greenfield and Intermech for seismic exploration, CNG refuelling and handling other industrial gases. The Atlas Copco ZD combines a variable speed screw compressor and reciprocating booster to achieve impressive energy savings and reliability.



OXYGEN GENERATION

Atlas Copco OGP oxygen generators using Pressure Swing Adsorption (PSA) technology allow you to produce your own oxygen on site by using compressed air. With purities from 90 to 95% and flows up to 200 Nm³/h the generators are a cost-efficient source for on-site generation.



NITROGEN GENERATION

Atlas Copco Nitrogen Generation systems with either Membrane or Pressure Swing Adsorption (PSA) technology allow you to produce your own nitrogen on site by using compressed air. Our NG products provide nitrogen to meet a wide range of flow, purity and pressure requirements, from 1 to 5000 Nm³/h and 95 to 99.999% purity. Onsite nitrogen generation eliminates the need for storing, reordering or changing bottles as nitrogen is available on tap 24/7. All in one, plug and play skid packages offer a solution for high pressure nitrogen requirements, with 40 Bar and 300 Bar variants. Our PSA units are the lowest energy consumption, lowest air factor in the industry and represent the lowest cost and energy supply method for nitrogen, compared to other generators, liquid and bottles.



VACUUM PUMPS AND CENTRAL VACUUM SYSTEMS

GHS VSD+ oil-sealed rotary screw vacuum pumps with variable speed drive technology: a compact, complete and highly efficient central vacuum solution. It introduces a new standard in energy efficiency and installation costs. It offers flows from 350m³/h up to 5004 m³/h, optimised for a pressure range between 400 and 20 mbar(a). Our wide range of vacuum pumps also includes rotary vane, dry screw, dry claw and liquid ring pumps, including the best in class liquid ring VSD+ range.



QUALITY AIR PRODUCTS

Air treatment products to remove moisture, oil aerosols, vapour and dust particles and ensure clean, dry air to expand the life of your equipment and ensure the quality of your end product. The wide range includes oil-water separators, filters, aftercoolers and air receivers, as well as refrigerant, heatless and heat regenerated desiccant adsorption air dryers, membrane and heatless and heat reactivated adsorption air dryers.



INSTALLATION AND PIPEWORK

Atlas Copco's innovative AIRnet™ compressed air piping system, delivers compressed air exactly where you need it, at the right pressure and at the lowest possible installed cost. No corrosion, leak resistant and supported by a 10 year guarantee. A complete range of Point of Use accessories are also available. AIRnet™ pipework comes in aluminium and stainless steel, and is simple and quick to install.



ADVANCED SERVICE PRODUCTS

As energy consumption can represent more than 80% of the cost of compressor operation, Atlas Copco Connectivity and Optimisation services can help to balance your consumption and maximise efficiency. SMARTLINK gathers, compares and analyses data on the fly. When needed, it sends out warnings in time, allowing you to carefully plan and prepare service interventions. It provides you with the transparency you need to intelligently assess system performance.

AIRSCAN™ is a flexible diagnostic package for compressed air systems that allows you to select any depth of air audit required for your particular system. Options range from full system audits to specific measurements, such as leak detection, power, flow rate, etc.

Our range of integrated and retrofit ENERGY RECOVERY units enable up to 94% of the energy from wasted compression heat to be recovered in the form of hot outlet water, at temperatures of up to 90°C, both reducing the use of traditional energy sources and lowering the amount of CO₂ emissions.

GENUINE PARTS AND MAINTENANCE

Genuine Atlas Copco parts are manufactured to meet the same exacting standards as our products. They have passed the same endurance tests and have been proven to provide the best protection of your investment. Genuine function-specific parts offer the best value.

A portfolio of service plans is available to ensure the continuous operation of your compressed air, industrial gas or vacuum system. It is easy to plan, budget and control your maintenance programme and you can choose the service option to match your needs. We also offer spare parts and service for any brand of air compressor, and can service any rotating equipment in the utility room.

Find out more
www.atlascopco.co.uk/compressors
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