

Industrial solutions since 1985



MOBILE
COMPRESSED AIR

Supplying South Australia for Over 35 years

Mobile Compressed Air commenced operations in South Australia, specialising in pneumatics since 1985. We focus on maintaining strong working relationships with all our clients, from single operators to large multinational companies. We have the advantage of being Australian-owned and operated, as well as having the full depth of international experience and support from world-leading suppliers, Kaeser Compressors.

Our comprehensive offering includes sales, hire, service, and customisation of all makes and models of compressors, dryers, blowers, and air filtration. Our customers are highly diverse, ranging from manufacturing, construction, agriculture, food, wine, and beverage producers to cabinet makers, the defence industry, and the automotive and electronic industries. Whatever the industry, if you need compressed air or a reliable supply of nitrogen or oxygen, our team can help you.

Mobile Compressed Air provides proactive, planned, preventative maintenance to maximise the economic life of your compressed air infrastructure. Combined with the latest in diagnostic technology, we will improve the efficiency, reliability, stability, and cost-effectiveness of your compressed air system. For our clients, our service department runs 24 hours a day, 7 days a week, and is ready to assist with planned servicing or emergency breakdowns.

We have a large hire fleet if your compressed equipment is inoperable or strained during peak operations, ensuring reduced downtime and increased productivity for your operations.

These services and products are backed by our highly experienced employees, who are committed to finding the solution best suited to your needs. Our team adopts a problem-solving approach to maximise the efficiency of your compressed air system. Every proposal is tailored to your business' unique requirements. It includes a detailed return on investment report to demonstrate how you can achieve the most economical solution for your business.

Safety is a high priority for our team. Mobile Compressed Air has gained ISO 9001:2015, and our systems meet the requirements of AS/NZ4801 and ISO 18001. We are always striving for continual improvement across our operations.

Mobile Compressed Air provides a single point of contact for all your compressed air needs. With the ability to work across all brands and industry sectors, we are the only company in South Australia with the flexibility to offer the best solution to your pneumatic needs.

Join our list of valued clients today.



Products

As South Australia's leading supplier of compressed air equipment, Mobile Compressed Air supplies an extensive range of Kaeser compressors and accessories products. We only source the best, high-quality products to ensure reliable and efficient delivery of compressed air to your plant.



AIR COMPRESSORS



DRYERS & BLOWERS



GAS GENERATORS



AIR TREATMENT & FILTERS



Service & Maintenance

Our service team is highly trained to provide on-site mobile service and repair 24/7 for any compressor of any make or model. We can handle everything from a small reciprocating piston compressor up to large rotary screws, including air end and drive line overhauls.

Mobile Compressed Air can design preventative maintenance programs appropriate for your compressor system to minimise breakdowns and improve reliability.

Air Flow Analysis

Mobile Compressed Air is experienced in conducting on-site audits of your compressed air usage and future needs. Compressed air is one of the highest energy consumers in industry. We focus on selecting the most cost-effective solution for the long-term benefits of your business. Our diagnostic planning team specialises in assessing compressed air systems to identify areas of inefficiencies such as leakage, over supply, correct sizing and ineffective machinery which can all significantly increase your production costs and impair output.



Hire



A large fleet of compressors and air treatment equipment is available to hire either long or short-term, and to suit all budgets. **Portable Diesel Air Compressors** ranging from 90cfm to 1600cfm with 8, 10 & 13 bar options. **Electric Rotary Screw Air Compressors** ranging from 25cfm to 1000cfm (5.5kW to 160kW). **Refrigerated & Desiccant Dryers** including various grades of filtration.

Compressed Air and Gas Generation Solutions

- Diagnostic energy and compressed air flow analysis with detailed reporting to determine the most economical selection of plant and equipment for today's environment.
- Air leak detection using the latest ultrasonic leak guns.
- Distributer of the world-renowned German Kaeser compressed air equipment since 1993.
- Quality after sales service and spare parts back-up of the full Kaeser product range.
- Kaeser trained service staff to maintain good customer relations.
- Servicing of all make and models including reciprocating and rotary screw compressors.
- Design, supply and installation with the world-renowned Infinity aluminium and Aus Press Stainless Steel air piping systems.
- South Australian distributors for Novair nitrogen and oxygen generators since 2014 and servicing since 2010.

Mobile Compressed Air has a significant presence in the South Australian manufacturing and service-based industries. We are the Compressor Company of Choice for many of the state's leading manufacturers.



Much of the food industry relies on Mobile Compressed Air to service its production demands including biscuit baking, chicken, red meat and vegetable processing facilities.

Our clients, including Treasury Wine Estate, the largest wine bottling plant in the southern hemisphere, are experiencing lifelong reliability and energy cost reductions utilising our compressed equipment and service arrangements.

Many of the South Australian food packaging, cardboard box and plastic product manufacturers are supported by Mobile Compressed Air.



We have a substantial base of equipment and provide services to the South Australian Wastewater and Recycling Industry.



Mobile Compressed Air has a significant presence within cement manufacturing, operating more than 130,000 hours in very challenging environments.

We have been at the forefront of IT integration roll-out and Industry 4.0 in South Australia.

CASE STUDY

Liebherr opts for energy efficient KAESER compressed air solution



In building its new re-manufacturing facility in Adelaide, Liebherr-Australia chose KAESER equipment to deliver an energy efficient supply of compressed air on demand.

Since 2004 Liebherr has re-manufactured used components from its own construction, handling, maritime and mining equipment. Built to the same quality standards as original new parts, the Reman Program allows Liebherr to deliver high quality components whilst saving energy and material – good for the environment and good for customers!



This complete Greenfield site required large quantities of compressed air at varying locations across the extensive factory floor.

In 2012 Liebherr-Australia began building a re-manufacturing and warehousing facility at its Adelaide head office complex. With a number of Liebherr sites worldwide already satisfactorily using KAESER compressors, Stefan Stübiger, Industrial Engineering Project Manager at Liebherr-Australia, called upon local KAESER distributor Mobile Compressed Air to design and supply the compressed air system for the new warehouse.



KAESER equipment is delivering Liebherr-Australia with an energy efficient supply of compressed air on demand

It was anticipated that the demand for compressed air would vary significantly throughout the working day. Liebherr-Australia therefore required a system that could rapidly scale up or down to match demand in the most energy-efficient manner.

To meet these requirements, Mobile Compressed Air recommended installing: a CSD 125 series rotary screw compressor, a CSD 105 SFC series frequency controlled rotary screw compressor, a BSD 83 series rotary screw compressor and a KAESER Sigma Air Manager Master Controller.

Manufactured in Germany to exacting quality standards, the KAESER CSD series of rotary screw compressors provide the user with significant energy savings.

Every CSD rotary screw compressor incorporates a premium quality screw compressor block equipped with KAESER flow optimised Sigma Profile rotors. Developed by KAESER and continually enhanced ever since, the KAESER Sigma Profile can deliver power savings of up to 15 percent compared with conventional screw compressor block rotor profiles. All KAESER rotary screw compressor blocks feature this energy-saving rotor profile and are designed to ensure maximum energy efficiency.

In addition, the CSD 105 SFC rotary screw compressor includes sigma frequency control. KAESER SFC compressors are able to directly match the required air demand by continuously adjusting the compressor block speed within the given control range. The result is significant reductions in energy consumption.

The inclusion of a Sigma Air Manager (SAM) station controller would further allow Liebherr-Australia to enjoy considerable savings. Able to control up to 16 compressors, the SAM controller precisely adjusts the loading and operation of all compressors within the system to achieve optimum station energy efficiency, whilst its patented 3-D control allows a significant reduction in air network system pressure resulting in further savings!



With seven manifold outlets installed at different points throughout the facility, compressed air is highly accessible when and where required.

The KAESER equipment was subsequently installed along with large compressed air distribution manifolds. Designed and manufactured by Mobile Compressed Air, these manifolds provided Liebherr-Australia with the compressed air equivalent of a power board. With seven outlets installed at different points



From the dismantling area to the reassembly area, compressed air is used to power large torque and rattle guns, grit blasting as well as the painting booth.

throughout the facility, compressed air would be highly accessible when and where required.

The project completed in December 2014. Mr Stübiger said, 'The compressed air system is providing us with a reliable source of energy efficient compressed air and we have since chosen to install KAESER compressors in four further nationwide warehouses.'

Since installation, Liebherr-Australia continues to rely on Mobile Compressed Air for its on-going compressor and maintenance requirements.

The CSD / CSDX (SFC) rotary screw compressors from KAESER are available with drive powers up to 90 kW, working pressure 7.5, 10 or 13 bar and with free air deliveries from 1.07 up to 16.16 m³/min. For more information visit www.kaeser.com.au or phone 1800 640 611.

Contact us

Choosing Mobile Compressed Air means you have the advantage of working with an Australian-owned and operated company as well as having the full depth of international experience and support from our suppliers. We will ensure your investment is energy efficient and runs reliably for many years to come.

Our fully mobilised sales, support, and maintenance team is always ready to serve you onsite at your convenience. We look forward to hearing from you to discuss your compressed air needs.

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