



Engineering the Future

WORLD CLASS

Technology, engineering, product range and capabilities

Kaishan Australia is the Australian division of the Kaishan Group of Companies, one of the largest and most advanced designers and manufacturers of compressed air and gas products in the world.

Kaishan is committed to the continuous development of new compressor technologies and currently produces more than 80,000 rotary and 25,000 reciprocating air compressors annually for applications and installations in the Australian, European, SE Asian, USA, India and Latin American markets with growth globally through partnerships and acquisitions.

Mr Kevin Cao, President of the Kaishan Group of Companies stated that the organisation currently has plant and equipment valued at over USD\$2.1b based in multiple plants across the world employing more than 4,500 personnel including over 2,000 trained technicians.

Kaishan Australia supplies its extensive compressed air product range offering truly heavy duty, high quality and premium efficiency machinery for an enormously broad range of applications.

After more than 38 years of success in supporting the Australian compressed air market, Kaishan Australia utilises the world's best technologies with the ability to customise solutions that provide optimal benefits to its Australian customers.

KAISHAN AUSTRALIA PTY LTD

24 HOUR AUSTRALIA WIDE SUPPORT

National Sales and Service:

1300 098 901

www.kaishan.com.au



Capability Statement



Engineering the Future

COMPRESSED AIR PRODUCTS & SUPPORT



With our vast experience in the Australian compressed air market as Southern Cross Compressors, we now offer even better energy saving technologies and engineering capabilities to our clients.

The whole Kaishan Australia team is attuned to providing the best advice, products and solutions to our customers.

Mark Ferguson. CEO



Our success is built on the support and service we provide to our clients. Kaishan Australia's tech support team is dedicated to keeping compressed air systems across Australia working at peak efficiency and performance.

We have the right experience, expertise, parts and equipment to keep you up and running 24/7.

Shane O'Brien. Service Manager



World class technology, product range and capabilities

The most effective way to maximise business performance is to lower operational costs.

The Kaishan range of advanced products are designed to achieve significant energy savings whilst providing the highest quality and durability even in the most arduous operating environments.

When you deal with Kaishan Australia, you can be assured of performance, reliability and prompt support.

- Maximised production protection
- Reduced energy bills
- Outstanding air quality
- Lifetime Airend Warranty*

*CONDITIONS APPLY

With a fleet of mobile technicians and partners across the country, Kaishan Australia offer flexible support programs to ensure your compressor and system is maintained in optimum running order. You can be confident of interruption free production at the lowest possible energy cost.



Advanced
Rotary Screw

INDUSTRIAL AIR COMPRESSORS



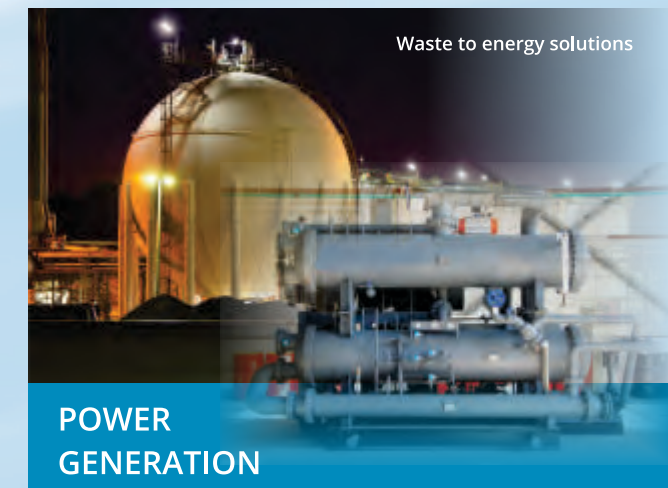
A type and size to suit

COMPACT AIR COMPRESSORS



Reciprocating &
Rotary Screw

HIGH PRESSURE AIR COMPRESSORS



Waste to energy solutions

POWER GENERATION



Engineering the Future





INDUSTRIAL ROTARY SCREW AIR COMPRESSORS

ENGINEERED FOR SUPERIOR PERFORMANCE

INCREASED ENERGY SAVING EFFICIENCY



**krsp Rotary Screw
Air Compressors**
18.5 - 400kW

The krsp range of advanced, energy efficient, rotary screw compressors are designed for maximum energy efficiency and reliability in the toughest operating conditions.

- Up to 20% higher energy savings
(even more with Variable Speed Drive)
- Extended bearing life
- Direct drive, no gears
- Low pressure 3 and 5 bar
- Multiple machine sequencing
- IP55 MEPS compliant WEG drive motor



**krsp 2-Stage Rotary Screw
Air Compressors**
75 - 400kW

The krsp range of 2-Stage, rotary screw compressors offer all the benefits of our standard single stage compressors with added efficiency gains and energy saving performance.

- Compression ratio divided between 2 stages
- Reduced internal losses
- Substantial efficiency and energy cost gains
- Extended bearing life due to reduced applied loads
- Smaller drive motor produces equivalent flow rate
- Optimised oil injection
- Enhanced air end geometry.



Kaishan Australia offer a wide range of rotary screw compressors to suit the needs of a variety of industry applications. Our total confidence in the reliability and performance of these advanced machines is reflected in our provision of a lifetime warranty on the air ends in our complete KRSP range of rotary screw compressors.



PERMANENT MAGNET, VARIABLE FREQUENCY



p|mv Rotary Screw Air Compressors
Single and 2-Stage
15 - 250kW

The systemic optimisation of the compressor airend, advanced permanent magnet drive motor and variable speed drive technology provides a greater air output for far less energy input.

- Energy cost savings up to 50%*
- Controlled air output to exactly meet demand
- No start up spikes and cost penalties
- Reduced part load energy consumption
- Significantly lower noise levels
- No gears, belts or couplings

*When compared to fixed speed, single stage equivalent

COMPACT, TANK MOUNTED AIR POWER



**krst Compact Rotary Screw
Air Compressors**
5.5 - 15kW

The krst Series receiver mounted, rotary screw compressors provide the ideal choice for industries requiring high performance in a compact compressed air package.

- Large, slow running air end for maximum efficiency
- Integrated after cooler
- Large capacity 500 litre receiver
- Integrated dryer and air filter
- Engineered from the highest quality components
- Minimal service and maintenance
- IP55 MEPS compliant WEG drive motor



Optional Variable Speed Drive: Schneider Altivar ATV900

VSD is optional with our entire krsp range of single and 2-stage air compressors. With the elimination of wasted energy, additional cost savings as high as 50% are possible. In many instances such savings mean the additional capital cost of the variable speed drive option can be recovered in less than one years operation.

Custom Designed Air Compressors

Our local and international design and engineering teams can work with you to build a customised air compressor to work in a variety of applications and environments. Examples of this are stainless steel clad units for operations in an extreme marine environment and skid mounted ,heavy framed units for mining applications.



COMPACT AIR COMPRESSORS FOR WORKSHOPS/SMALL INDUSTRY

ADVANCED ORBITAL SCROLL TECHNOLOGY



OX Series Compact Lubricated Scroll Air Compressors 4.0 - 15kW

Advanced, lubricated 'Scroll' technology delivers energy efficiency with minimal moving parts in an ultra quiet, compact package.

- Lubricated Scroll technology
- Maximum energy efficiency
- Super quiet, compact package
- 100% continuous duty rated
- Integrated aftercooler reduces condensate
- Low maintenance reliability
- IP55 MEPS compliant WEG drive motor

HEAVY DUTY WORKHORSE FOR INDUSTRY



KA Series Reciprocating Air Compressors 3 - 15kW

Engineered with the highest quality components, the KA series offers a range of heavy duty, cast iron compressors to meet a wide range of applications.

- Industrial grade, heavy duty cast iron
- Large receiver tanks
- Slow revving, cast iron pump
- Powerful high flow cooling fans
- Constant speed uploading
- Portable with compact foot print
- IP55 MEPS compliant WEG drive motor



CHOOSING THE RIGHT COMPRESSOR FOR YOUR APPLICATION

No matter what type or size of industry you are in, selecting the right air compressor to suit your specific application is vital in providing the highest efficiency with minimal running costs. Kaishan Australia offer a free, no obligation advisory service to help you make the right decision. Just call us on **1300 098 901** to be sure.

COMPRESSED AIR SYSTEM ACCESSORIES

Kaishan Australia offer a quality range of ancillary components to enhance the performance of every compressed air system.



AUTO DRAINS

Automatically drains unwanted condensate from your system.



AIR RECEIVERS

To increase efficiency and reduce maintenance in every system.



REFRIGERATED AIR DRYERS

For applications where dry air is needed, even in the hottest conditions.



OIL WATER SEPARATORS

Separates lubricants from condensate for easy, responsible disposal.



AFTER COOLERS

Vital for protection from moisture contamination and damage.



CONDENSATE SEPARATORS

Centrifugal separators remove condensed moisture from the air.



DESSICANT AIR DRYERS

Achieves very low pressure dewpoint for moisture sensitive applications.



COALESCING AIR FILTERS

Remove traces of contaminants in the compressed air stream



QUALITY SPARE PARTS

Genuine parts and lubricants to ensure the integrity of your system.



HIGH PRESSURE COMPRESSED AIR AND GAS SYSTEMS



FOR OIL, GAS AND MINING APPLICATIONS

Kaishan Australia can design, supply, install and service large scale, high pressure compressed air and gas systems for Australian oil, gas and mining industries.

Utilising over 166 years plus of expertise, experience and supply capabilities in major applications throughout the world, Kaishan is now fully capable of providing custom design, engineering, production, testing under full load, erection, start-up and related services to Australian industry.

The broad product range provides power from 4kW to 6000kW/8000HP and discharge pressure up to 700 Bar/10150 PSI for air, natural gas and process gases.

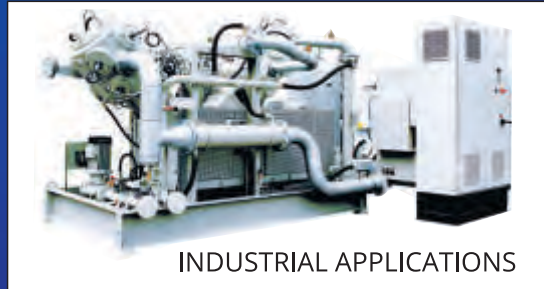
Kaishan compressed air and gas systems provide greatly increased efficiency, productively and profitability.

Kaishan Australia service technicians are fully trained in the installation and servicing of large scale, high pressure systems and with one of Australia's largest and most qualified mobile service fleets, the company also provides 24/7 servicing for these installations.

Australian industry can now have the confidence to acquire and install systems that are designed and commissioned to fit their exacting application needs through a leading, fully qualified and globally supported local compressed air specialist company.

Applications

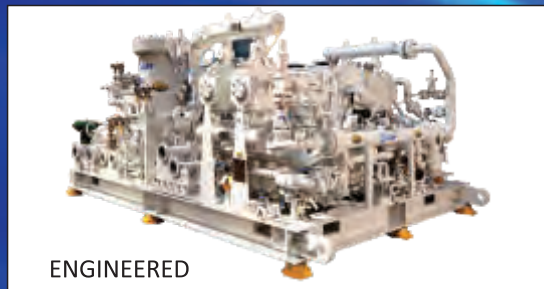
- Petrochemical & Refinery
(acc. to API 618, API 11P or Manufacturing Standards)
- Seismic Research
- Gas Transportation, Storage, Power
- Pipeline Evacuation
- Industrial Gases
- PET - for bottle production
- Biomethane
- Natural Gas Vehicle



INDUSTRIAL APPLICATIONS



SEISMIC RESEARCH



ENGINEERED



MOBILE-CONTAINERISED SOLUTIONS



WASTE TO ENERGY POWER GENERATION



SWITCH ON TO A SUSTAINABLE FUTURE through waste energy conversion

With global requirements for renewable energy sources becoming increasingly significant, it is imperative Australian industry keeps pace with developments in energy saving technologies. Responding to the demands for clean, renewable energy, Kaishan Australia offer a range of custom designed and innovative Screw Expander Power Plants. Proven in multiple power re-generation applications throughout the world, these plants are designed and built by the global Kaishan Group utilising a broad range of available energy sources including high pressure gas, steam and waste heat - converting otherwise wasted energy into usable electricity, channelled directly back into production or returned to the grid for a significant energy cost reduction to the source company.

These advanced expander systems have ideal applications in geothermal, diesel engine heat recovery, gas pipelines, furnace applications and waste steam. Installing an expander will typically see a very quick return on investment (subject to current energy costs and conditions), making them a workable and worthwhile asset for any business looking to reduce energy costs.



Kaishan Expander Power Plants





Engineering the Future

NATION WIDE CUSTOMER SUPPORT AND SERVICE

All products sold by Kaishan Australia are fully backed by nationwide, customer focused advice, support and service.

With over 40 years of servicing air compressors and systems for Australian industry we fully understand the reliance companies place on their compressed air supply to keep their production in operation. Faulty systems or breakdowns can be critical and costly. Our whole team is aware that downtime costs you dearly and to that end are tuned to getting you back and operational fast!



Our fleet of mobile technicians is operational 24/7 to keep vital compressed air systems continually operating at peak efficiencies. These highly trained technicians are capable of servicing and repairing all brands and types of air compressors and carry common spare parts to suit most compressors.



PREVENTIVE SERVICE AND MAINTENANCE

Kaishan Australia offers flexible support programs tailored to meet individual customer needs.



REPAIRS AND RELACEMENTS

We carry a wide range of quality spare parts for Kaishan and other compressors to get you operational fast!



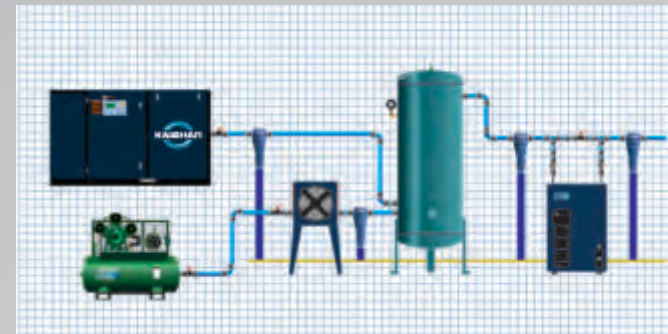
AIR AUDITS AND LEAK DETECTION

We can detect leaks and other inefficiencies that are costing you money. We can repair them to regain peak outputs.



AIR RECEIVER INSPECTIONS

Kaishan technicians can ensure all air receivers are safe, operating correctly and compliant with all legislation.



SYSTEM DESIGN

Our global experience and capability means we can design exactly the right system to suit your application.



AIR COMPRESSOR INSTALLATION

Correctly designed, installed and integrated systems ensure efficient, trouble free, energy saving operation.