

Kaishan Australia... the latest in global compressed air products plus a wealth of experience working with Australian industry.



**Practiced environmental sustainability**

Kaishan's fundamental belief in environmental sustainability is integral to the design and manufacture of products that maximise energy efficiency and help to preserve precious resources. Unused waste materials are recycled to maximise the use of raw materials.

Kaishan's commitment to environmental responsibility ensures continued development of advanced technologies and manufacturing processes that provide industry with machinery of exceptional value, now and into the future.

The combination of servicing the needs of Australian compressed air system operators for nearly 40 years as Southern Cross Compressors with the global resources and technology of the Kaishan Group offers our customers the very latest in energy saving efficiency. Kaishan's global strategy of combining highly skilled engineering with efficient manufacturing has provided the Australian market with performance proven, reliable machinery at significant cost savings. The manufacturing processes are 85% vertically integrated to ensure full control of the supply chain delivering high quality components at lower cost.

**We fully support our products 24/7 with a fleet of highly trained and experienced mobile technicians.**

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

**RAPID REPAIRS AND SPARES**

We stock a full range of spare parts and system components to ensure a rapid return to full production should a problem occur.

**CUSTOM SERVICE PROGRAMS**

We also offer flexible, customised service programs that maintain your compressed air system in peak condition day in, day out.

**WORLD CLASS COMPRESSED AIR PRODUCTS**



**KAISHAN AUSTRALIA PTY LTD**

24 HOUR AUSTRALIA WIDE SUPPORT

National Sales and Service:

1300 098 901

www.kaishan.com.au



**24** HOUR SUPPORT  
1300 098 901



Engineering the Future

**WORLD CLASS, ENERGY-SAVING EFFICIENCY & RELIABILITY**



**TANK MOUNTED, COMPACT COMPRESSORS**

- Maximum energy efficiency
- 100% continuous duty rated
- Direct drive for zero transmission loss
- Ultra quiet operating performance
- Integral after cooler for high quality air
- Digital control panel
- Minimal floor space
- Low maintenance costs

**4.5 - 15kW**



Advanced, lubricated, fixed orbit technology



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**KAISHAN COMPRESSORS**  
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ENERGY SAVING, COMPACT

## Scroll Air Compressors

Demands from industry to reduce energy costs, improve reliability and provide a safe working environment have created the need for an advanced high performance alternative to the piston type air compressor.

The advanced Kaishan orbital, lubricated range of Scroll air compressors offer energy efficiency with minimal moving parts in an ultra-quiet, compact package.

With the added benefit of continuous load capability and an integral after cooler to reduce moisture carry over, you get a highly reliable compressed air supply with lower energy bills.

### SCROLL INTEGRATED COMPRESSED AIR SYSTEM

Available in a fully integrated, tank mounted, compressed air system complete with large, 500 litre receiver and optional built in dryer and air filter unit .

### MAXIMUM ENERGY EFFICIENCY

Maximum output for the power you put in.

100% continuous duty rated - no need to oversize the compressor to manage operating temperatures.

Direct drive means zero transmission losses.

### LOW NOISE: 57-62dB(A) ± 3dB(A)

Dynamically balanced, non-contact orbit Scroll resulting in ultra quiet performance that won't disrupt your work environment.

### HIGH QUALITY AIR

- Integral aftercooler to reduce liquid condensate.

### COMPACT FOOTPRINT

- Minimal floor space required for installation.

### LOW MAINTENANCE COST

- Periodic replacement of filters and lubricant.
- Direct drive means no drive belts to replace.

### DIGITAL CONTROL PANEL

- Monitors all key functions
- Fault detection and protection
- Service due alert

### ELECTRICAL CONTROL CABINET

- IP55 protection against dust and moisture.

### STANDARD SPECIFICATIONS

Drive Type: Direct Drive.

Max Ambient Temperature: 50 °C

Starting: DOL (staged for 15kW)

Power Supply: 415V / 3ph / 50Hz

### SCROLL TANK MOUNTED SYSTEM

The integrated compressed air system saves space and installation costs of separate components.

### BUILT-IN DRYER & AIR FILTER

- Minimised footprint
- 0.5 micron pre-filter
- Auto condensate drain
- 3°C pressure dewpoint

### 500 LITRE RECEIVER

- Reduced load cycles for minimum energy consumption
- Reduced wear and tear on control system
- Peak demand coverage
- Increased condensate removal
- AS1210-3 approval



Fixed orbit Scroll technology

### SCROLL AIR COMPRESSOR

The compact compressor offers an advanced technology, energy saving alternative to piston type, reciprocating compressors.

### BUILT-IN DESIGN FEATURES

- Direct drive compressor
- Dynamic 3D balancing
- Countershaft-bearing precision alignment
- Fixed-orbit Scroll technology
- Temperature and overload protection



Also available as compressor only.

### TANK MOUNTED MODEL SPECIFICATIONS

MODEL	CAPACITY (m <sup>3</sup> /min)		DIMENSIONS BASE MOUNTED L X W X H (cm)	WEIGHT Kg	DIMENSIONS RECEIVER MOUNTED L X W X H (cm)		DIMENSIONS RECEIVER, DRYER & FILTER L X W X H (cm)	WEIGHT Kg
	8 bar	10 bar			L X W X H (cm)	L X W X H (cm)		
OX4.5-	0.66 (23cfm)	N.A.	91 x 54 x 70	160	200 X 65 X 150	480	200 X 65 X 150	500
OX7.5-8 OX7.5-10	1.1 (39cfm)	0.9 (32cfm)	96 x 56 x 80	238	200 X 65 X 160	580	200 X 65 X 160	600
OX15-8 OX15-10	2.2 (78 cfm)	1.7 (60cfm)	113 x 70 x 97	428	200 X 70 X 175	790	200 X 70 X 175	810

Unit performance measured in accordance with: ISO 1217, Ed3, Annex C-1996

Reference conditions: Absolute inlet pressure = 1bar; Ambient temperature = 20°C; Cooling temperature = 20°C; Sound pressure level measured in accordance with test code: ISO2151-2004 (E). NOTE: Technical specifications of compressors are subject to change without notice.