

LGX SERIES ROTARY SCREW AIR COMPRESSORS



Air Power for Industry





LGX SERIES COMPACT ROTARY SCREW AIR COMPRESSORS

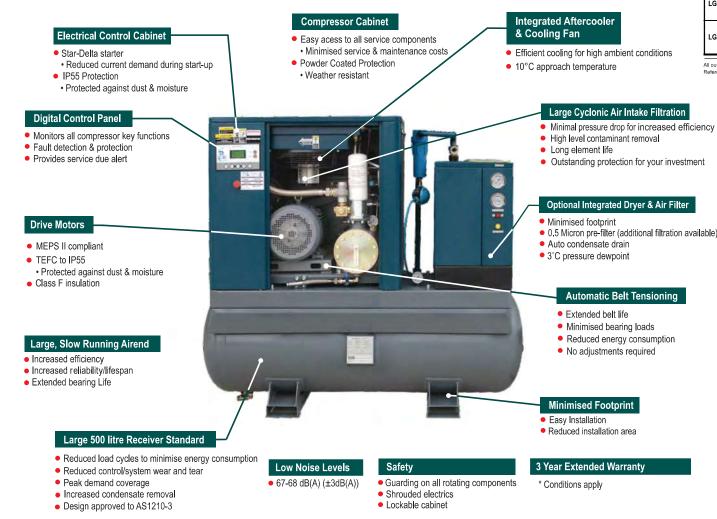
HIGH EFFICIENCY, LOW COST & RELIABLE

Southern Cross LGX Series receiver mounted rotary screw compressors provide the ideal range for industries requiring high performance from a compact compressed air package,

These units are designed to produce maximum output with outstanding reliability for the lowest possible energy usage.

Engineered from the highest quality components, utilising the latest in compressed air technology, the Southern Cross LGX range offers capacities from 0.55 m³/min to 2.35 m³/min to suit a diverse range of applications. Every unit is rigorously tested to perform to stringent quality standards and is fully backed by Southern Cross' comprehensive, 5 star service and warranty.

LGX Series Features



We use the highest quality components to deliver the best possible performance and outstanding reliability.

SPECIFICATIONS

Model	Free Air Delivery		Power		Maximum Operating Pressure		Starter	Air Receiver	Noise	Weight	Dimensions lxwxh	Dryer Model
	m³/min	cfm	kW	hp	bar	psi		litres	dB(A)	kg	mm	
LGX5.5	0.78	28	5.5	7	8	116	Star- Delta	500 -	67	600	1880x650x1630	KSAD-1HF
	0.63	22			10	145						
	0.55	19			13	188						
LGX7,5	1.15	41	7.5	10	8	116	Star- Delta			650	1880x650x1630	KSAD-1HF
	0.91	32			10	145						
	0.79	28			13	188						
LGX11	1.72	61	11	15	8	116	Star- Delta		68	800	1880x700x1680	KSAD-2SF
	1.42	50			10	145						
	1.21	43			13	188						
LGX15	2.35	83	15	20	8	116	Star- Delta			880	1880x700x1680	KSAD-2SF
	2.00	70			10	145						
	1.79	63			13	188						

All our products are manufactured to exacting standards in accordance with ISO9001-2008. Unit performance measured in accordance with ISO1217, Ed3 Annex C - 1996.

Reference conditions: Absolute inlet pressure a than Temperature a 20°C Cooling temperature a 20°C Noise pressure level measured in accordance with ISO2151 2004 (F).

LARGE, SLOW RUNNING AIREND FOR WORLD CLASS EFFICIENCY



- 'SKKY' Series Airend
- Asymmetric 5/6 rotor profile
- KAPP ground rotor technology for tighter clearances and improved lubrication
- Low noise and vibration
- SKF bearings



Air Power for Industry

Whatever industry you are in, here at Southern Cross Compressors we have the experience and expertise to handle every compressed air situation. Our 5 star approach begins with a thorough understanding of your application. This vital information enables us to provide the right system design, product selection, installation and service programs ensuring you get the most efficient and reliable air system possible.

Our extensive industry experience gained over thirty years, makes Southern Cross the ideal partner to look after your total compressed air system.



AIR AUDITS

Inefficiencies as high as 50% are typical in most compressed air systems.

Using the latest ultrasonic flow meters and leak detection technology, an air usage profile can be created and matched to the ideal operating system for each customers application.

This 'Air Audit' can lead to remarkable improvements in efficiencies and savings in energy costs.



DESIGN

Compressed Air- delivered efficiently!

Designing the right compressed air system is fundamental to maximising efficiency and reliability. This leads to higher performance and significant savings in energy costs over the life of the system.

Southern Cross specialise in designing and engineering exactly the right system taking into consideration air demand, maintenance access, ventilation, pressure drop and environment.



PRODUCTS

Southern Cross stock a wide range of products and parts to suit most compressed air systems

- Single and 2 Stage, fixed and variable speed rotary
 Air dryers screw compressors from 15 - 400kW
- Compact tank mounted rotary screw compressors from 5.5 - 15kW
- Piston compressors from 3 15kW
- Scroll Compressors from 4 15kW

- Coalescing filters
- After coolers
- Pressure vessels
- Oil-water separators
- Auto drains



INSTALLATION

Compressed Air-where you need it, on time and on budget

A flexible compressed air reticulation system is critical to ensure costs are minimised. Stringent installation procedures ensure pipe work, connections and system components are engineered to exacting standards. ie: leak free, minimal pressure drop and possible future expansion are fundamental considerations.

Materials used include: Stainless Steel, Mild Steel, Copper, Aluminium and PE (plastic).



SUPPORT

Consistently meeting customer needs underpins our success

Highly trained, experienced and professional service technicians fully understand the importance of minimising downtime and maximising reliability.

24 hour support ensures a quick resolution to any problem that may occur.

An extensive range of flexible service plans allow customers to budget and control the annual cost of preventative maintenance.



NESSCO PRESSURE SYSTEMS

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