

Reliability & efficiency without compromise

Rotary Screw Compressors



¹ Premium compressor design
and industry leading warranty

Li Series 30 - 45 kW



Intelligent Air Technology



The new generation

Industries across the globe rely on CompAir rotary screw compressors for the supply of high quality compressed air. The CompAir Li series air compressor range incorporates the best of CompAir technology, design and quality. To deliver reliable, economical and efficient performance in a completely new package.

The Li series delivers high quality air at volumes at a pressure range between 7 and 10 bar and is available in air cooled versions.

High efficiency air end

Li series screw compression elements are manufactured in-house using the latest CNC rotor grinding machinery, coupled with on-line laser technology, in order to maintain precise manufacturing tolerances.

CompAir's commitment to quality ensures Li series compressors offer the highest levels of reliability and performance with low operating costs throughout the compressor's life.

Maximum durability

We maximise service life and durability by eliminating elastomer and thermoplastic pipe and tube in system pressure lines. Replacing them with corrosion resistant stainless steel tubing and passivated zinc coated carbon steel piping. For ease of maintenance we complete the connection with viton sealed grooved couplings and self sealing high pressure compression fittings.

Intelligent control

Precise operational control is essential to reduce running costs. Li series rotary screw compressors are supplied with intelligent, fully electronic controllers with efficient monitoring and userfriendly touch screen panel. Ensuring compressor performance is always optimised to meet your system demand.

Designed for serviceability

Maintenance personnel love the Li series compressor range. Service access is quick and easy with all doors able to be removed in seconds.

We've also made sure serviceable components including filters are easily accessible and no piping needs to be disconnected to service the separator.

High performance separator

The Li series compressor separation system has twice the surface area of conventional separators.

Offering superior separation & enhancing service life. The separation system produces less than two parts per million oil carry-over, with lower pressure loss than competitive separation designs.

Heavy duty inlet filter

Dirt and dust that enter the compressor can adversely impact lubricant and machine life.

An inlet filter with an efficiency rating of 99% is standard equipment on the Li Series compressor range.

Energy efficient motor

Premium high efficiency TEFC IE3 electric motors are fitted as standard to the entire Li Series screw compressor range. Reducing not only your power consumption but also reducing your CO₂ emissions.

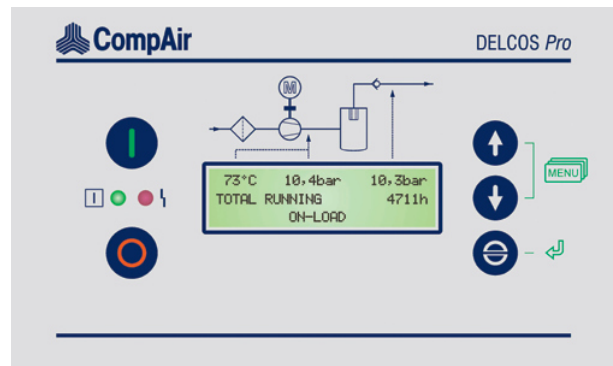
Belt free drive

With direct or gear drive coupling, the belt free drive Li series compressor range not only reduces transmission losses, it improves efficiency and reduces noise. Most importantly, it delivers greater reliability and reduced maintenance costs.

Delcos Pro controller

The new control system ensures reliable operation and protects your investment by continuously monitoring the operational parameters. The Delcos Pro also has the capability to have programmable inputs and outputs, control additional equipment as well as providing the following features with a clear readable text.

- Discharge / line pressure & Air display
- Oil temperature display
- Total hours run and loaded hours
- Service due & status indicator
- Enhanced fault log monitor
- Real time clock
- Timer controlled stop / start
- Remote stop / start



- Auto restart on power failure
- Second pressure setting
- Status indication
- RS485-Modbus RTU

Li Series - Technical Data

30-45 KW

Compressor Model	Motor Rating	Free Air Delivered ¹⁾			Noise Level ²⁾	Weight	Dimensions
	[kW]	7 bar g	8 bar g	10 bar g	[dB(A)]	[kg]	L x W x H [mm]
Li30	30	5.8	5.7	5.3	67	900	1654 x 900 x 1505
Li37	37	6.5	6.4	5.7	68	946	1654 x 900 x 1505
Li45	45	7.9	7.0	7.0	69	1020	1654 x 900 x 1505

1) Measured and stated in accordance with ISO 1217 Annex C at the following conditions: Air Intake Pressure - 1 bar a (14.5 psi,a), Air Intake Temperature - 20°C (68°F), Humidity - 0% (dry), Cooling Water Inlet Temperature - 20°C (68°F), +_3 dB(A).

2) +_3 dB(A).
CompAir policy is one of continuous improvement and we therefore reserve the right to alter specifications and prices without prior notice. All products are sold subject to the Company's conditions of sale.

