ShopTek®
Lubricated Rotary Screw Air Compressors
4–75 kW - 5–100 hp
For more than 50 years, Sullair has been on the leading edge of compressed air solutions. We were one of the first to execute rotary screw technology in our air compressors, and our machines are famous all over the world for their legendary durability. As the industry moves forward, Sullair will always be at the forefront with quality people, innovative solutions, and air compressors that are built to last.

*Sullair was founded in Michigan City, Indiana in 1965, and has since expanded with a broad international network to serve customers in every corner of the globe. Sullair has offices in Chicago and manufacturing facilities in the United States and China — all ISO 9001 certified to ensure the highest quality standards in manufacturing. In addition, Sullair Suzhou and Shenzhen facilities are ISO 14001 and OHSAS 18001 certified.*

**Sullair is A Hitachi Group Company**

**RELIABILITY**
Customers who work with Sullair have found that the intangibles make all the difference — things like trust, confidence, and peace of mind. They go to work every day having full faith in their equipment, as well as the knowledge that dedicated distributors and Sullair personnel have their back every step of the way.

**DURABILITY**
Bulletproof. Built to last. However you spin it, Sullair compressed air solutions are in it for the long haul, driven by the design of the legendary air end. In factories and shops all over the world, you’ll find Sullair compressors that have stood the test of time, running consistently today like they did on day one.

**PERFORMANCE**
You have high expectations for your operations, and we make machines that share your work ethic. Sullair compressed air solutions do what they’re supposed to do, and they do it extremely well for a very long time. And working with us means not only access to clean, quality air, but also the tools you need to optimize this vital resource.
Simple, Compact Design
ShopTek® compressors utilize design simplicity to provide exceptional reliability and extremely low maintenance. Designed with a small footprint, these compact machines redefine industry standards for continuous duty compressors in the 5 to 100 hp range.

Reliable Sullair Air End
- Patented rotor design
- Bearing fluid reservoirs
- Long life bearings

Sound Enclosure for Quiet Operation
- Reduces sound levels to as low as 66 dBA
- Easily removable for service

Intelligent Electronic Controls
ShopTek® compressors are fitted with the latest technology microprocessor controller to ensure uniform operation and uninterrupted production.

Deluxe Monitoring
All essential parameters of the compressor are conveniently displayed on the controller. Pressure is controlled using transducers to minimize off-load running and reduce over-compression to help ensure optimum performance and savings in energy costs.

Energy Efficient Features
All ShopTek motors are designed for improved energy efficiency and a compact footprint. That’s why Sullair provides premium efficient motors as standard. Plus, the Sullair air end is designed to deliver maximum output with minimum power consumption, giving ShopTek compressors a superior energy advantage.

Superior features and benefits that set Sullair apart

All ShopTek compressors are factory-filled with biodegradable Genuine Sullube® 10,000 hour fluid.
- Protects and cleans (no varnish)
- Controls operating temperatures
- Optimal viscosity
- Environmentally friendly
- Reduces fluid loss
- High flash point (263° C)

ShopTek compressors are covered by the 5 year Emerald Warranty – which provides coverage on major components including:
- Air end
- Air/fluid receiver
- Main Drive Motor
- Fluid cooler
- Aftercooler

For more information, contact your local authorized Sullair distributor.
THE SULLAIR STANDARD
HIGHER THAN THE INDUSTRY STANDARD

Sullair ShopTek® air compressors redefine industry standards for continuous duty compressors in the 5 to 100 hp range. Designed with the end customer in mind, ShopTek compressors feature a small footprint and are built to provide exceptional reliability and extremely low maintenance.

All ShopTek air compressors come standard with:
- Legendary Sullair air end
- 10,000 hour Genuine Sullube® factory fill
- 5-year Emerald Warranty — providing coverage on major components including the air end; air/fluid receiver; main drive motor; fluid cooler; and aftercooler

LEGALDARY
SULLAIR AIR END

A continuous supply of compressed air. It’s your biggest expectation in an air compressor. The legendary Sullair air end, at the heart of tens of thousands of compressors worldwide, will help keep your operation pumping, worry-free.

Proven Reliability
Bulletproof. It’s a word often used in conjunction with the Sullair air end. Although the principle of rotary screw compression remains the same, as does the durability, Sullair continuously improves the materials, engineering and design of its air ends and compressor packages.

Longer Air End Life
Controlled pressure lubrication and bearing fluid reservoirs assure a reliable supply of fluid to rotating elements — helping extend air end life.
Compressed air is a vital source of energy for applications such as general manufacturing, cabinet and trim shops, auto body and tire shops, and commercial laundries. To meet varying air quality requirements, Sullair responds to your needs by developing a total compressed air package.

The Sullair Solution
We’ve taken the guesswork out of putting your system together. Sullair offers the Performance Air System which includes a ShopTek compressor; a refrigerated dryer; a liquid and particulate filter; and a receiver tank. All components of the System have been perfectly sized to provide maximum performance. Plus, the Performance Air System is simple to install and requires a minimum amount of floor space.

Clean, Dry Air is Essential
Quality air treatment — the removal of condensate and particulate — is essential to protect your plant air system and air-using equipment. Plus, quality air can help improve the quality of your product and process.

The Performance Air System helps achieve your goals with:
- Matched refrigerated dryer — to help remove water vapor found in compressed air. The Sullair dryer features an oversized demister separator, dew point indicator and easy drain access. And the unit features environmentally compatible refrigerant.
- High-efficiency filter — to help remove particles down to 1.0 micron. The filter also helps to remove coalesced liquid and lubricants.
ShopTek® 5–20 hp COMPRESSORS

- **V-Belt System**
  - Protective belt guard
  - Easily-adjusted and aligned

- **Easy Access Oil Sampling Valve**

- **Easy Separator Maintenance**
  - Simply unbolts the cover and lift it off
  - No tubing to disconnect
  - “O” Ring seal prevents leaking
  - Reduces service time

- **Heavy Duty Air Filter**
  - High-efficiency filter
  - Protects key components from premature failure
  - Extends separator, fluid filter and fluid life
  - Easy access for maintenance

- **Fluid and Air Cooler(s)**
  - Easy access for maintenance
  - Air-cooled
  - Aftercooler on 15 hp and 20 hp models

- **Environmental Protection Pan**
  - Fully-sealed
  - Captures spills

- **Fluid Sight Glass**
  - Easily check fluid level

- **IEC Motor**
  - TEFC (IP54)
  - Voltages: 208-230/460V/3PH/60Hz
  - Single-Phase models available in 5, 7.5 and 10 hp

- **Control Panel**
  - Integrated full-voltage starter
  - ST Controller
  - Simple user interface
  - Clear and concise graphic display
  - Monitors status of key operating parameters
ShopTek® 25–100 hp COMPRESSORS

Legendary Sullair Air End
- Asymmetrical rotors made in the USA
- Durable
- Proven bearing design

Fluid and Air Coolers
- Easy access for maintenance
- Thermostatically controlled oil cooler helps eliminate condensation in oil at lower temps
- Efficient combo cooler design
- Aftercooler is single pass

Separator
- ASME certified tank
- High-quality/low carryover (<2 ppm)
- Access panel for easy removal and serviceability
- Fluid sight glass

Easy Access Oil Sampling Valve

Control Panel
- EC Controller
- Clear and concise graphic display
- Monitors status of key operating parameters
- Modulation Control
- Stabilizes system pressure
- Reduces cycling — extends life of wearing components
- Wye-Delta starter

Heavy Duty Inlet Filter
- High-efficiency filter
- Protects key components from premature failure
- Extends separator, fluid filter and fluid life
- Easy access for maintenance

Direct-Coupled Gear Drive
- Provides efficient power transmission
- Ensures alignment and smooth operation

Premium Motor
- Slow-running, premium efficient 1800 rpm
## Product Information

### Specifications — 60 Hz

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<th>MODEL</th>
<th>MOTOR</th>
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**ISO1217 measured in accordance with ISO1217, Annex C**

### Additional Configurations — 60 Hz (Latin America & EMEA only)

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* Models ST1808 – ST7509 not available in Canada
** acfm measured in accordance with ISO1217, Annex C
*** Additional configurations not available in all regions

### Tank Mount

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### Tank Mount with Dryer and Filter

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