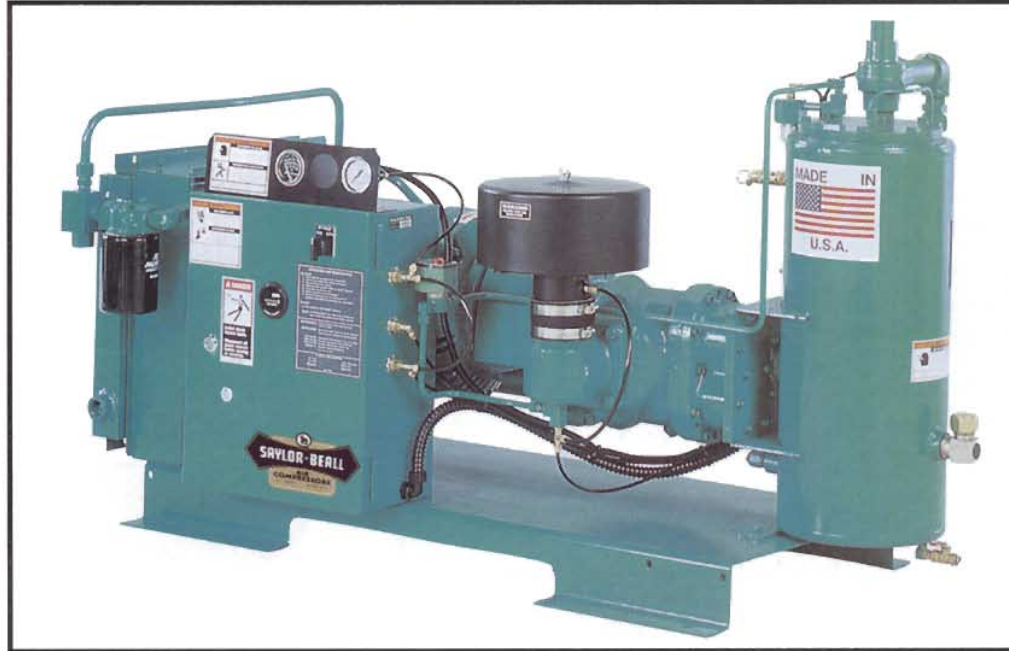


# SAYLOR-BEALL

## INDUSTRIAL QUALITY AIR COMPRESSORS



## Rotary Screw Air Compressors



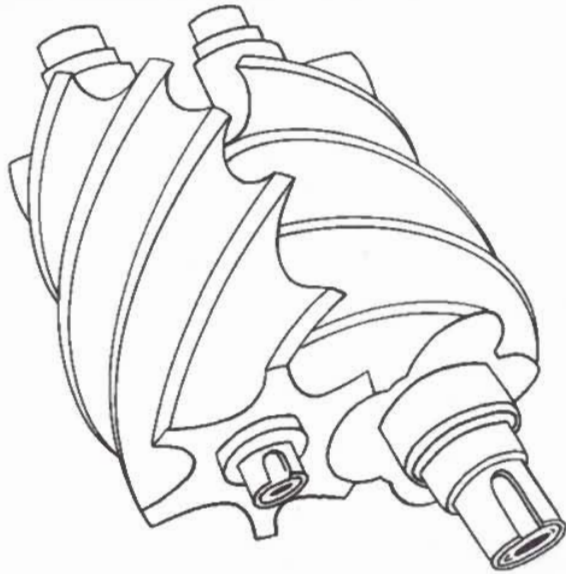
### SAYLOR-BEALL MANUFACTURING COMPANY

400 N. Kibbee Street  
P.O. Box 40  
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[WWW.SAYLOR-BEALL.COM](http://WWW.SAYLOR-BEALL.COM)

*Manufacturers of Air Compressors Since 1915*

# ROTARY SCREW PACKAGES



Oil flooded rotary screw air end is designed for 100% duty cycle.

Spin on oil filter makes service easy.

Direct drive, C-face in sizes 15 to 50 horsepower.

Radiator type air cooled oil after cooler removes heat from discharge air and compressor oil.



Oil separator tank with replacement element removes oil from compressed air and recycles into the compressor.

Compressor control includes full voltage magnetic starter with circuit breaker. Solenoid style, unload control, full inlet modulation and timed unload control reduce costs of operation. Instrumentation includes air pressure gauge, oil temperature gauge and hour meter. All units are equipped with breakers and 110 volt control transformer.

# OPTIONAL FEATURES

Tank mounting. Where air storage is required, systems may be tank mounted to save on space and expedite installation.

Available on 15 to 40 horsepower models.



25 H.P. Tank Mtd. Model RSD 25



50 H.P. Model RSD 50V

Updraft cooling routes air vertically to save space and help dissipate heat. Two horsepower motor cooling fan is separate from the compressor.

Available on 40 and 50 horsepower models.

Enclosures protect compressor packages from the plant environment and reduce noise. Hinged doors make access to service areas easy.

Available on 10 to 50 horsepower models.



10 H.P. Model TMR 10

# WHY ROTARY SCREW DESIGN?

The high technology design of a rotary screw air compressor excels in a high duty cycle operation. Our oil flooded air end makes this performance possible with an extensive oil reservoir. The oil and discharge air are continually cooled in a fashion similar to the radiator on a car engine. Oil is then separated from the discharge air and returned to the compressor.

Saylor-Beall rotary screws are compact in design, needing less floor space than with conventional products. Oil and air filters are easily accessible making routine maintenance easy. When installed with an optional enclosure noise levels are reduced considerably. If you're looking for a full featured rotary screw compressor, you should choose Saylor-Beall.

## SPECIFICATIONS

| Motor<br>Horse<br>Power | Model   | Delv'd CFM<br>@ 125 psi | Drive<br>Type | Oil Cap.<br>(Gallons) | Weight<br>Lbs. | ----- BASE MOUNTED -----   |                          | Tank<br>Options* | Enclosure |
|-------------------------|---------|-------------------------|---------------|-----------------------|----------------|----------------------------|--------------------------|------------------|-----------|
|                         |         |                         |               |                       |                | Dimensions<br>LxHxW inches | Cooling<br>Fan Direction |                  |           |
| 10                      | TMR10** | 40                      | Belt          | 1.5                   | 308            | 28 x 34 x 22               | Vertical                 | 80/120           | Standard  |
| 15                      | RSD15   | 55                      | Direct        | 2.5                   | 700            | 56 x 34 x 29               | Horizontal               | 120/200          | Optional  |
| 20                      | RSD20   | 80                      | Direct        | 2.5                   | 800            | 56 x 38 x 29               | Horizontal               | 120/200          | Optional  |
| 25                      | RSD25   | 110                     | Direct        | 2.5                   | 900            | 59 x 35 x 29               | Horizontal               | 120/200          | Optional  |
| 30                      | RSD30   | 115                     | Direct        | 2.5                   | 950            | 58 x 35 x 30               | Horizontal               | 200/240          | Optional  |
| 40                      | RSD40   | 166                     | Direct        | 3                     | 1000           | 60 x 39 x 34               | Horizontal               | 200/240          | Optional  |
| 40                      | RSD40U  | 166                     | Direct        | 3.5                   | 1300           | 66 x 48 x 34               | Vertical                 | N/A              | Optional  |
| 50                      | RSD50U  | 210                     | Direct        | 5                     | 1400           | 66 x 49 x 34               | Vertical                 | N/A              | Optional  |

\*Consult factory for weight & dimensions.

\*\*1 Yr. Warranty on air end on this model only, see below.

### WARRANTY

SAYLOR-BEALL Manufacturing Company warrants its compressors and parts when properly installed, lubricated and maintained as recommended and in accordance with good industry practice to be free from defects in material and workmanship under normal use and service. The responsibility of the Company under this warranty is limited to repair or replacement, at the Company's factory, any compressor or part thereof, which shall, within one year after date of shipment to the original purchaser, be returned to the company and which, upon examination, shall be found to be defective to the satisfaction of the Company. The time period for the rotary screw air end only shall be within five years after date of shipment to the original purchaser for the 15 through 50 horsepower models. This warranty shall not apply to compressors or parts which have been subjected to misapplication, misuse, negligence or accident, to compressors or parts which have been repaired or tampered with outside the Company's factory when in the judgment of the Company, it appears that the reliability or stability of the compressor or part has been effected. Ordinary maintenance, such as adjustment and cleaning of equipment or components is the responsibility of the owner. All transportation and shipping charges shall be paid by purchaser. This warranty does not apply to electric motors or gasoline engines. These are covered by the Original Manufacturer's Warranty and should be returned by the purchaser to their authorized station for service. This warranty is expressly in lieu of all other warranties (except of title) expressed or implied and of any other obligations or liability on the part of the Company. There are no warranties of merchantability or of fitness for a particular purpose. SAYLOR-BEALL MANUFACTURING COMPANY.



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