

Tiger Hydraulic Driven Rotary Screw - 30 to 45 CFM

Rotary Screw Reliability

For applications where truck-bed space is at a premium and powerful performance is a requirement, upgrade your reciprocating compressor to Vanair's Tiger hydraulic-driven rotary screw air compressor. Ideal for applications in the tire and mechanic service markets, the Tiger combines heavy duty performance in a vehicle-mounted design, offering the power you need for virtually any application.

Compressor Dimensions with fittings (in.) –

35.75L x 17.5W x 19.25H*

Dry Weight (lbs.) – 350 lbs.



Standard Pressure Model

Capacity (CFM)	30	35	40	45
Air Pressure (psi)	100	100	100	100
Hydraulic Flow (gpm)	10.0	11.1	12.5	15.1
Hydraulic Pressure (psi)	1780	1840	1900	2000

High Pressure Model

Capacity (CFM)	30	35	40	45
Air Pressure (psi)	175	175	175	175
Hydraulic Flow (gpm)	11.0	12.3	14.8	16.8
Hydraulic Pressure (psi)	2400	2385	2300	2290

Ratings above are approximate and are based on 120°F hydraulic fluid temperature. Consult Vanair for Specific details. Product improvement is a continuing goal. Design and specifications are subject to change without notice or obligations.

SPECIAL FEATURES

Compressor

- Cold weather package to prevent freeze-ups
- Gear-type hydraulic motor
- Encapsulated oil-injected rotary screw
- Powder-coated, galvanized sheet metal enclosure
- Spin-on air-oil separating element
- Ambient operating range: -20°F to +110°F
- On-off solenoid valve
- Air-to-oil compressor fluid cooler
- Integral hydraulic cooler
- Supply connections
- Hydraulic oil in – 3/4" 37° JIC
- Hydraulic oil out – 1" 37° JIC
- Electrical 12-volt DC/24-volt DC

Safety Equipment

- High-temperature shutdown
- High-pressure shutdown
- Air pressure-relief safety valve
- Automatic blow down on shutdown
- Oil fill plug safety relief

Instrumentation

- Conveniently located, easy-to-read instrumentation panel features an hour meter, temperature gauge, and pressure gauge

Options/Accessories

- Service/control line moisture separators
- Filter/lubricator/regulator (FLR)
- Air hoses, hose reels, and fittings
- OSHA safety valve (velocity fuse)
- Sullair® air tools
- Tool oiler/lubricator
- Post drivers

HYDRAULIC SYSTEM REQUIREMENTS

Vanair highly recommends consulting a hydraulic supply expert for specifying the correct hydraulic pump size and type, oil reservoir size, hydraulic cooler, hydraulic pressure relief, and other hydraulic supply components for your application. Please take into consideration the following:

- The hydraulic flow and pressure requirements of the air compressor
- Keep in mind that when the compressor is running there is a continuous hydraulic load
- The duty cycle and ambient operating temperatures
- Other hydraulic equipment which may share the same hydraulic supply system (Vanair recommends a dedicated pump and hydraulic circuit)

**Allow for adequate ventilation.*