

RS7580H



Air Compressors

SKU# 5179110

7.5 HP Rotary-Screw Air Compressor / Horizontal 80-Gallon Tank / 208-230V, 60 Hz, 3-Phase

Questions? Contact BendPak's Sales Team

sales@bendpak.com | 1-800-253-2363

Monday - Friday, 6AM to 4:30PM PST

How the RS7580H-603 Rotary Screw Air Compressor Works

With high performance, efficiency and reliability in mind, the BendPak Hush-Quiet RS7580H-603 rotary screw air compressor meets the compressed air needs of high-volume automotive shops and facilities around the world. This includes tire, general maintenance, fleet, vehicle body repair/ modification shops, paint shops and dealerships.

Features

- Variable speed drive controls with timed shutdown
- Hush-Quiet super silenced insulated enclosure
- Fully open access doors for easy service
- Auto-dual control energy saver
- Spin on oil filter
- Heavy duty inlet filter
- Twin toothed drive belts provide greater durability and more efficient power transmission
- Precision-aligned, high-quality roller bearings designed to withstand the most demanding conditions and extend service life.
- Asymmetric rotary screw with oil injection
- Compact design
- Phase protection-safety feature
- Dual filtration
- Spin on oil separator
- Air cooled after cooler
- Metal cabinet features sound proof panels with washable high density foam
- Efficiency and reliability are designed into the asymmetric profile screw set with excellent inlet flow characteristics.
- Electronic Control Panel Features
 - Outlet air pressure
 - Oil temperature
 - Check push button for warning LEDs
 - Custom operating parameters
 - Stop push-button
 - Emergency stop push button
 - Temperature sensor fault shutdown
 - Pressure differential meter
 - High screw set discharge temperature shutdown



More Than Just a Simple Screw

BendPak's asymmetric rotor profiles with precision ground-lobe configuration to provide higher compressed air output without trading for higher power consumption. Each rotor is fitted with high-precision bearings, allowing for a significantly increased air end life. Multiple shaft seals are also there to provide total protection from oil and other contaminants. Finally, toothed safety washers and a special locking nut ensure that the rotor tolerances are set throughout the life of the air compressor for improved reliability, stability and longevity.

Hush-Quiet™ Design

A specially engineered double-shaft asymmetric profile screw set combines with a virtually soundproof, insulated enclosure, and our innovative cooling fan gives Hush-Quiet users an almost silent air supply at all times.

Running Cool

When designing the Hush-Quiet, we paid great attention to its ventilation and heat exchange system in order to guarantee excellent cooling in even the harshest environmental conditions. The rotary screw air compressor surpasses even our own expectations, and we're sure it will surpass yours, too.

Specifications



Model	TS-580V-601	VMX-7580V-601	VMX-7580V-603	VMX-10120V-603	RS7580H-603
SKU#	5179105	5179106	5179107	5179108	5179110
Horsepower	5 HP	7.5 HP	7.5 HP	10 HP	7.5 HP
RPM	1,740 RPM	1,740 RPM	1,740 RPM	1,740 RPM	3,450 RPM
Voltage	208-230VAC	208-230VAC	208-230/460VAC	208-230/460VAC	208-230/460VAC
Phase	1 Ph	1 Ph	3 Ph	3 Ph	3 Ph
Hertz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
Running Amps (SFA)	26-23.8A	32.8-30A	22-20A @ 208/230V - 10A @ 460V	30-25A @ 208/230V - 13A @ 460V	22-20A @ 208/230V - 10A @ 460V
Peak Amps	54-48A	68-63A	46-42A @ 208/230V - 21A @ 460V	36-30A @ 208/230V - 16A @ 460V	46-42A @ 208/230V - 21A @ 460V
Rec. Breaker	30A	35A	30A	40A @ 208/230 - 25A @ 460V	30A
Noise	75 dB	75 dB	75 dB	75 dB	63 dB
Style	Two-Stage / V-2	Two-Stage / V-4	Two-Stage / V-4	Two-Stage / V-4	Rotary Screw
Lubrication	Splash / Oil	Splash / Oil	Splash / Oil	Splash / Oil	Forced Oil
Material	100% Cast Iron	100% Cast Iron	100% Cast Iron	100% Cast Iron	N/A
Pump RPM	625 RPM	625 RPM	625 RPM	745 RPM	N/A
Duty Cycle	Continuous	Continuous	Continuous	Continuous	Continuous
CFM @ 90 PSI	17.9 CFM	30.5 CFM	30.5 CFM	41 CFM	25 CFM
CFM @ Max PSI	17.2 CFM	26.5 CFM	26.5 CFM	35 CFM	21.3 CFM
Auto Turn-On Pressure	145 PSI	145 PSI	145 PSI	145 PSI	150 PSI
Auto Shut-Off Pressure	175 PSI	175 PSI	175 PSI	175 PSI	120 PSI
Max PSI	175 PSI	175 PSI	175 PSI	175 PSI	150 PSI
Tank Size	80 Gallons	80 Gallons	80 Gallons	120 Gallons	80 Gallons
Fitting	1/2" Fitting	1/2" Fitting	1/2" Fitting	1/2" Fitting	1/2" Fitting
Dimensions	39" x 26" x 79" (991 mm x 660 mm x 2,006 mm)	39" x 26" x 70" (991 mm x 660 mm x 1,778 mm)	39" x 26" x 70" (991 mm x 660 mm x 1,778 mm)	44" x 30" x 79" (1,120 mm x 750 mm x 2,007 mm)	50" x 32" x 58.5" (1,270 mm x 812 mm x 1,480 mm)
Weight	619 lbs. (281 kg)	711 lbs. (322 kg)	709 lbs. (321 kg)	1,219 lbs. (554 kg)	630 lbs. (286 kg)