



PBS SERIES

Premium Range Rotary Screw Compressors

5-20hp (3.8-15 Kw)

Motor Power

**368- 2038L/Min
(13-72cfm)**

Air Delivery

**8/10/13bar⁽¹⁾
(116/145/188 psi)**

Operating Pressure

Description

Focus Pneumatic's PBS Series Rotary Screw Compressor integrates a refrigerated air dryer along with mounted horizontal air receiver tank (available in 270 or 500 liter models).

The PBS Series small footprint maximises your workspace while delivering high quality to your workshop or manufacturing plant.



The PBS Difference:

- Increased Efficiency
- Easy to Maintain
- Quiet Operation
- Extended Life Expectancy
- Belt Driven
- Reduced Maintenance
- Electronic Controls
- Spin-On Filtration
- 5 Year Warranty
- Compact Design
- Serviceability
- Cost Effective
- Cycling Cooling Fan
- Easy Access Aftercooler
- Auto Start/Stop
- Minimal Hose Connections

Designed & Made in Italy

5 Year or 10,000 Hour Warranty*

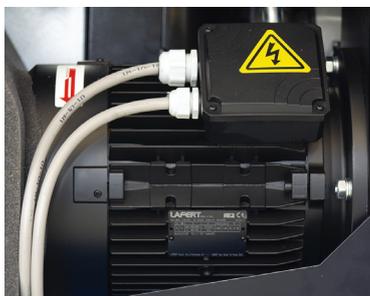
Applications

- Automotive
- Manufacturing
- Steel Fabrication
- Woodworking and Cabinet making

		bar/psi	PBS055	PBS075	PBS100	PBS150	PBS200
Displacement (cfm/ L/min)	08/116		26/720	32/900	42/1200	63/1780	79/2240
	10/145		18/510	26/720	35/1000	56/1560	72/2000
	13/188		13/360	18/510	30/850	46/1300	64/1800
Motor Speed (rpm)			2940	2920	2900	2920	2920
Motor Power (hp/kw)			5.5/4	7.5/5.5	10/7.5	15/11	20/15
Sound level dB (A)			63	64	67	67	67
Dimensions (L x W x H)			1184 x 606 1474	1184 x 606 1474	1184 x 606 1474	1184 x 606 1574	1184 x 606 1574
Tank Size (L)			270	270	270	500	500
Weight (Kg)			225	232	235	350	355

(1) 10 bar is the standard stocked model

*Warranty applies to which condition occurs first



PBS Series Benefits:

Minimal Hose Design

With the unique design of the air end being directly connected to the oil sump assembly, multiple hoses are eliminated. Not only does this design reduce the possibility for leakage, but it also reduces restrictions to the flow of oil and air.

Belt Driven Design

The belt drive design reduces vibration by eliminating gear sets and allows for easy access when servicing either the air end or motor. With an easy tensioning mechanism, belt changes and tensioning are a breeze! Also, with easy-to-remove panels, access to this compartment couldn't be simpler.

Electronic Controller

With the electronic controller as part of the PBS standard features, this allows for user-friendly parameter modifications and running status monitoring. This easy-to-use controller allows you to change load/unload pressures, off delay timers, star-delta start times, monitor running temperatures and differential pressures across filtration, and much more!

Serviceability

With removable enclosure panels, the PBS series units are easy to service. Whether you're maintaining the compressor's filtration and oil, or servicing one of its major components, the task is completed with ease, keeping downtime to a minimum.

5 Year Warranty

The 5-year warranty includes parts and labor such as major components on the air end assembly, air/oil cooler, oil sump tank, and air receiver tank (if applicable). This is provided if the machine is installed according to the operating manual.

Star-Delta

All PBS series air compressors come standard with star-delta start. This is a method of reduced amperage start-up that saves energy and increases the life of the drive components, including the pump, motor, and drive belt.

Compact Footprint & Ease of Handling

The compact design of the PBS series compressor allows for minimal space requirements when it comes to the install, leaving more space for your production needs! Also, with its built-in fork lift pockets, handling into position is quick and safe.