



**Brand: BendPak®**

**Model: TS-580V-601**

**Description: Elite™ Air Compressor / 5 HP / 80-Gallon Vertical Tank**

BendPak Elite™ air compressors are designed with energy saving in mind. They're built for efficiency and lower operating costs, producing more compressed air at a lower horsepower. High-quality, slow running cast iron compressor pumps deliver proven longevity in the most demanding conditions. Because they run at a slower RPM than most comparable units, they're quieter, run cooler and cost less to operate. 100% cast-iron pumps provide the quality and performance needed for heavy-use applications like automotive and body repair to manufacturing and industrial service.

The 2-stage, twin piston pump features splash lubrication for total reliability and a finned cylinder configuration that provides 360° cooling. Heavy-duty, disc-type valves are dependable and accessible without having to remove the cylinder head or performing other complicated valve maintenance procedures. A built-in intercooler and air-cooled aftercooler chills the air resulting in reduced heat and condensation moisture.

**ELITE ADVANTAGES:**

- Extra-quiet, low-RPM pump
- 5 HP energy-efficient motor
- Pressure switch controlled ensures efficient operation at all times with no wasted energy
- Cast-iron pump and heads are more stable under heavy workloads and do not warp from heat like aluminum cylinders with a pressed-in sleeves do
- Cast-iron Elite pump features simple splash lubrication for total reliability and a finned cylinder configuration that provides 360° cooling
- Dual drive belts require less belt tension resulting in less load on pump bearings, longer belt life and low vibration
- Fully-enclosed belt guard
- ASME rated tank
- Large surface area and cooling fins on cylinders and forced-air aftercooler provides efficient heat dissipation for lower operating temperatures and dryer air. Compressor runs cooler, oil life is extended and maintenance is reduced
- Precision honed cylinders increase efficiency and oil control
- Oversized ductile iron crankshaft provides extra strength and longer wear
- Tapered roller main bearings provide full contact and support of the crankshaft and needle-type piston pin bearings properly distribute bearing loads
- Precision balanced flywheel has forced-air fan blades for optimum compressor cooling and life
- Magnetic starter provides thermal overload protection and minimizes start loads providing long life and trouble-free operation



- ASME rated safety valve protects the compressor from overpressure and safeguards the operator
- Balanced flywheel and counterbalanced crankshaft provides vibration-free operation
- Readily accessible disc-valves do not require disassembly of compressor piping for easy accessibility and reduced maintenance cost and downtime
- Corrosion resistant tubing for coolers, separators and valves for longer life and reduced maintenance
- High-density, die-cast aluminum alloy rods minimize reciprocating weight
- Rugged cast iron oil reservoir has convenient sight gauge glass, large oil drain and convenient fill cap
- Automatic pressure switch provides auto start and stop
- Integrated pressure unloader valves are built into the intake valve assembly on the compressor head reducing internal pump heat from initial start-up compression
- Pressure gauge with service valve
- Oversize replaceable air filter

<b>MODEL:</b>	<b>TS-580V-601</b>
Tank:	300 L / 80 Gal / Vertical
Voltage (*)	208-230VAC
Running HP	5
Phase	1
Hertz	60
Running Load Amps (SFA)	26-23.8A
Peak Start-up Amps	54-48A
Recommended Breaker	30A
Motor Duty Cycle	Continuous
Pump Style	2-Stage/2-Piston/Vertical
Shut-off Pressure	175 PSI
Turn-on Pressure	145 PSI
Pump Material	100% Cast Iron
Pump RPM	625
Motor RPM	1740
Lubrication	Splash / Oil
CFM @ 90 PSI	17.9
CFM @ MAX PSI	17.2
MAX PSI	175 PSI
Noise Level	75 db
Certification	ASME
Dimensions (W x D x H)	39"x26"x79" / 991x660x2006
Product Weight	619 lb / 281 kg
Limited Warranty (Months)	Tank-60/Pump-24/Other-12