

LONE STAR

CUTTING SOLUTIONS



Sollant
manufacturer and exporter

Air Compressor

The laser cutting industry must use protective gas when processing. Of course, the air is a simple and economical protective gas. The function of the air compressor for laser cutting machine is to compress a part of the compressed air with high-purity oxygen and high-purity nitrogen to provide the cutting gas for the cutting head.



Feature of Sollant Tank Mounted Air Compressor:

- *No wear of the compressor's moving mechanical parts
- *Pulse-free air
- *Compact design
- *Low oil volume and consumption
- *Slow rotational speeds
- *Low maintenance
- *Quiet operation

Air Compressor



Machine Specifications

- 15kw best rotary screw air compressor's pressure is adjustable, We can set the pressure according to your requirements(7-12bar), It's motor safety grade reached IP23/55 and. It weighs only 335 kg with 1050mm length * 700mm width * 1150mm height. If you use it in the factory, we can also add air compressor frequency converter for your air compressor. We can help you save 30-40% of your electricity costs.

1. Product Details:

Sollant Tank Mounted Air Compressor offers small air users quiet continuous duty air compressor options with integrated air storage.

Air receiver tanks provide reserve power for heavy air demands, greater moisture removal, and the ability to store air and turn off the motor for extended periods.



2 Year Warranty

Free Lifetime Phone Support



Comprehensive integrated tank mount designs feature the same durable construction and simple reliable operation that make Sollant air compressors ideal for small enterprises, craftsmen, and workshops desiring quiet operation, superior performance, and great value. Get your last air compressor first.

Air Compressor



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 <p>1. MOTOR The motor uses high-performance motors of well-known brands. Permanent magnet synchronous motors (PM-motors) use high-performance high-efficiency permanent magnets which will not lose magnetism under 200 °C and its service life reaches as long as 10 years.</p>	 <p>2. INVERTER High performance, high quality and high power density design, as well as significant improvements in usability, maintainability, environmental protection, installation space, and design elements, can further optimize the user experience.</p>
 <p>3. OIL & GAS SEPARATOR Vertical oil separation tank design, agglomerate separation coils and oil return device combination effectively reduce loss of system, reduce compressed air loss during loading and unloading cycles.</p>	 <p>It adopts the advanced stainless steel for structure, which integrates pre-cooler, evaporator and gas-water separator as a whole, with small volume and no secondary pollution in compressed air.</p>
 <p>5. PRECISION FILTER Advanced precision filter, multiple filtration, effective dust and water removal, precision up to 0.1µm, make the produced gas cleaner.</p>	 <p>The gas storage tank is designed with a thicker horizontal barrel, which increases the storage space and has a good buffer effect. The integrated type is more convenient to move and has a small footprint.</p>



型号 Model	SLT-7.5F	SLT-7.5V	SLT-11F	SLT-11V	SLT-15F	SLT-15V	SLT-15F	SLT-15V
电动机 Motor	功率Power(kw) 10	7.5	11	11	15	15	15	15
	马力Horsepower(hp)	10	10	15	20	20	20	20
排气量/排气压力 Air displacement Working pressure (M³/min./MPa)	1.2/0.7	1.2/0.7	1.6/0.7	1.6/0.7	2.5/0.7	2.5/0.7	1.5/1.6	1.5/1.6
	1.1/0.8	1.1/0.8	1.5/0.8	1.5/0.8	2.3/0.8	2.3/0.8		
	0.9/1.0	0.9/1.0	1.3/1.0	1.3/1.0	2.1/1.0	2.1/1.0		
	0.8/1.2	0.8/1.2	1.1/1.2	1.1/1.2	1.9/1.2	1.9/1.2		
出气口尺寸 Air outlet diameter	DN25	DN25	DN25	DN25	DN25	DN25	DN25	DN25
系统润滑油量 Lubricating oil volume (L)	10	10	16	16	16	16	18	18
噪音 Noise level (dB(A))	60±2	60±2	62±2	62±2	62±2	62±2	62±2	62±2
驱动方式 Driven method	直连 Direct drive	直连 Direct drive	直连 Direct drive	直连 Direct drive	直连 Direct drive	直连 Direct drive	直连 Direct drive	直连 Direct drive
启动方式 Start method	Y-Δ	PM VSD	Y-Δ	PM VSD	Y-Δ	PM VSD	Y-Δ	PM VSD
机用重量 Weight (kg)	370	370	550	550	550	550	550	550
外部尺寸 External dimensions	长度 Length (mm)	1600	1600	1800	1800	1800	1800	1800
	宽度 Width (mm)	700	700	800	800	800	800	800
	高度 Height (mm)	1500	1500	1700	1700	1700	1700	1700