

Diesel Engine Portable Air Compressor



Shanghai Sollant Energy Saving Technology Co., Ltd

ABOUT SOLLANT

Sollant portable diesel air compressor, as the leader of energy-saving mobile screw air compressors in China, is committed to providing customers with more economical, energy-saving, and efficient mobile air compressors.

Sollant mobile machine adopts a high compression efficiency two-stage energy-saving screw mainframe, powerful branded engine, high-efficiency cooling system, stable and reliable control system, and the performance is excellent!

Sollant's diesel portable screw air compressors find widespread application across various heavy-duty industries including mining, hydropower, oil and gas exploration, borehole drilling, shipbuilding, construction, chemical, quarrying, sandblasting, pipeline pressure testing, and public works.

Committed to excellence, Sollant consistently strives to provide innovative products and services that embody quality and value

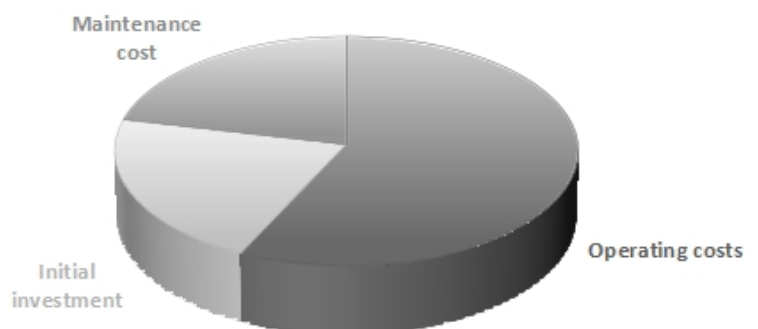
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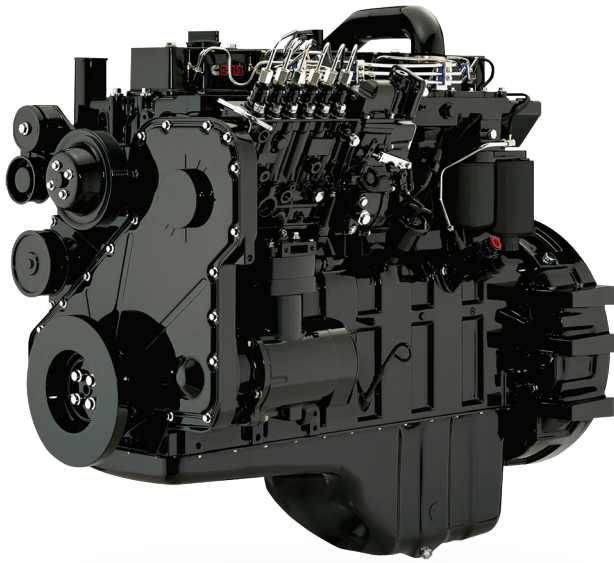
SOLLANT DESIGN CONCEPT

Carefully designed for customers to achieve better energy saving results, saving up to 30%

**Compressor product application strategies:
reduce operating costs**

During the entire life cycle of a diesel mobile screw compressor, operating costs account for up to 80% of the total cost. Reducing the fuel cost during the operation of a diesel mobile screw compressor plays a decisive role in reducing the overall cost of the machine's life cycle. Therefore, reducing the operating cost of the product has become an increasing focus of users.





CUMMINS ENGINE

This Cummins B series engine with in-cylinder technology maintains a compact, simple and cost-effective design solution. With an idle speed of 1300 rpm, the engine provides large torque with low fuel consumption. Designed for minimal noise output, it can operate in high density areas such as business or residential districts. The Holset Turbocharger provides a waste gated design to optimize operation across the torque curve with improved response. Having 40% fewer parts than traditional diesels, the integrated design eliminates potential leak points. The durable rotary fuel pump delivers a steady stream of pressurized fuel for strong performance in every environmental condition.

At Sollant, we go beyond merely offering superior products and deliver potent solutions to drive your business forward. Our robust compressors excel on the most demanding job sites, while our generators and light towers are both reliable and efficient. When you factor in our industry-leading service and support, it becomes evident that partnering with us yields a smart return on your investment

Dependability

Our equipment is built to last with corrosion-resistant galvanneal steel enclosures and a durable, baked-on powder coat finish. We conduct extensive testing on our machines to ensure they can operate in the most adverse conditions and applications. Sollant is fully committed to delivering quality machines that maximize uptime and minimize downtime to give you peace of mind.

Performance

Sollant gives you the power you need most efficiently. We provide leading fuel economy and performance while ensuring compliance with the latest emissions standards. Sollant also offers unmatched versatility to support almost every job or application. With user-friendly controls and diagnostics, anyone can operate our equipment with minimal instruction.

Serviceability

Sollant has an extensive and knowledgeable dealer network. All of our products are engineered and designed with an emphasis on accessibility to make sure routine maintenance is quick and easy to perform without having to take the machine apart.



TECHNICAL SPECIFICATIONS

Special Diesel Engine

The strong power is matched with Cummins and other heavy-duty special diesel engines to achieve the best combustion state throughout the engine's operation, making the product more reliable, more powerful, and more fuel-efficient.

Multiple Air Filtration Systems

Effectively prevent the impact of harsh dust environment on the engine. The precision filter layer of the main air filter filters out remaining dust to ensure that the machine does not wear out; the safety filter element allows the machine to perform air filter maintenance without stopping to ensure the safe operation of the machine.

Efficient Cooling System

Independent oil, water and air coolers combined with large-diameter fans are designed to adapt to severe cold and hot weather.



Model	SLTDP-5/8	SLTDP-7.5/8	SLTDP-10/8
Exhaust pressure (MPa)	0.8	0.8	0.8
Volume flow (m³/min)	5±5%	7.5±5%	10±5%
Exhaust temperature (°C)	≤75	≤75°C	≤75°C
Motor power(kw)	60	60	74
Diesel engine parameters	QSB3.9-C80-31	Cummins QSB3.9-C80-31	Cummins QSB3.9-C100-30
Average fuel consumption (L/h)	7	11	18.9
Diesel tank capacity (L)	70	70	150
Oil capacity (L)	7	7	13-+15
Coolant capacity (L)	23	23	13-+15
Compression grade	single stage	single stage	single stage
Noise (dB(A))	<96	<96	<96
Overall dimensions (mm)	1900*1600*1550	1900*1600*1550	2200*1750*2000
Weight (T)	0.96	0.96	2.1
Exhaust port size	G1, G1	G1, G1	G1-1/2*1 G1*1

TECHNICAL SPECIFICATIONS

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