



ROCK COMPRESSOR SYSTEM



Air Compressor Technical Data

Rock Mobile Diesel Air Compressor

Screw machine model	AB-5/8 Diesel Powered Air Compressor
Type/hoisting method	Diesel Mobile
compressed media	Air
Rated pressure (BAR)	8
Rated volume flow (m ³ /min) (CFM)	(5) (186)
Exhaust temperature (°C)	≤75°C
Diesel engine	Lister Petter
Type	SA427i1
Speed mode	Pneumatic throttle adjustment, stepless speed control
Inhalation method	turbocharging



Specify working environment conditions	Altitude: 2000 meters; ambient temperature: -10°C-35°C; relative humidity: 60%; site inclination angle <30°
Startup performance	When the ambient temperature is >-10° C, the engine can start smoothly without using any low-temperature starting device.
Emission Standards	
Average fuel consumption (L/h)	7
Diesel tank capacity (L)	49
Oil capacity (L)	7
Coolant capacity (L)	twenty-three
Three filter maintenance time (diesel engine)	(Diesel maintenance is performed for the first time at 50 hours, second maintenance at 250 hours, and every 1,500 hours thereafter)
Heat dissipation method	Air cooling/side blowing
Screw machine/compression grade	Twin screw/single stage compression
Oil content/oil content of compressed air (ppm)	Slight oil /≤5ppm
Compressor lubricating oil model/oil content (L)	32# semi-synthetic oil/30L
Flow adjustment range	80-100%
Lubricating oil operating temperature	75°C-100°C
Screw oil replacement time	The initial first warranty time is 500 hours, and maintenance will be performed every 1,500 hours thereafter.
Three filter maintenance time (compressor)	The initial first warranty time is 500 hours, and maintenance will be performed every 1,500 hours thereafter.
Safety valve releases pressure	1.1MPa
Connection type	Flexible coupling direct connection
Noise (dB(A))	<96
Overall dimensions of the machine (mm) length*width*height	1650*1300*1250 (excluding silencer)
Overall machine weight (T)	0.96

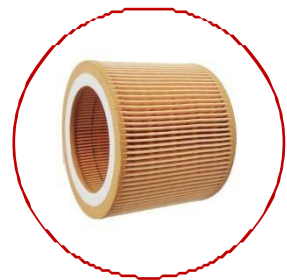
ROCK Air Compressor Features



Adopts the international top-level third-generation asymmetric wire twin screw air end, adheres to the exquisite manufacturing process



Lister Petter adopts mechanical and fully electronic control, and through advanced technical means such as turbocharging, Intake preheating, and combustion optimization,



Adopting a design with high dust holding capacity and low flow resistance, which can filter out tiny fixed particles in the air.



The high-quality air-oil separation element and gas-liquid filter element are equipped with advanced three-stage air-oil separation to keep the oil content below 3ppm to ensure the output of high-quality compressed air.



The filter element has uniform pore size, small filter resistance, large flux, strong interception ability and long service life.

CERTIFICATE OF REGISTRATION



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This is to certify that

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Of

RA08SC01, Jebel Ali Free Zone, Dubai, United Arab Emirates

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For the Scope of activities:

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Garden Equipment Trading
Pumps, Engines, Valves & Spare Parts Trading
Power Generation, Transmission & Distribution Equipment Trading
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Solar Energy System & Components Trading
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Building Cleaning Equipment Trading
Pest Control Equipment Trading

Certificate Number: **UAE/5/7300722937**

Date of Initial Assessment: **07/11/2023**

Date of Registration: **10/11/2023**

Date Re-Issued: **N/A**

Date of Expiry: **10/11/2026**

Certificate approved by:

Chris Byrom - Operations Director

Peers Quality Assurance Limited

This Certificate remains the property of

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For verification of this certificate, please contact the PQAL UK Office

