



HPA SERIES -PORTABLE ROTARY SCREW AIR COMPRESSORS



STANDARD EQUIPMENT

High quality components such as IP55 electric motors with the IE3 efficiency class, IP54 fan motors, star-delta motor starter system, electrical materials selected according to IEC, UL/cUL, CE standards as per the market requirements, high-efficiency screw blocks consuming less energy are provided as standard in all our products.



SPECIFICATION

2 breaker connections for HPA 340 and HPA 500; 3 for HPA 640; and 4 for HPA 1000. Type approval certificate complying with EU2007/46/EC chassis directive. (Road Certificate in accordance with European norms.) Capacity control by changing diesel engine speed. Compressor housing resistant against corrosion and impacts. Service covers that may be opened by the sides. High-efficiency engine and fuel tank capacity providing up to 10 hours of continuous operation at full load. Low vibration level.



CONTROL UNIT

Reliable and durable easy to use control unit for touch conditions.



SCREW BLOCK

- Patented and durable screw block that provides high-capacity of air, and that is specially selected for each model's capacity requirement
- Production of air with less loss of air, thanks to the new rotor profiles, and lower torque requirements
- New generation bearing design with increased load carrying capabilities



AIR OIL SEPARATOR

Spin-on or immersed type separator design depending on the product line

Spin-on separator

Easy replacement, ease of assembly and disassembly
Design that does not require a separator tank



MAIN MOTOR AND DRIVE SYSTEM

Diesel engine with 4 cylinders, water cooling and turbocharger except for HPA 340

Emission rate complying with exhaust emission standards (except HPA 1000)

Directly coupled with the elastic coupling



HPA SERIES

Portable Rotary Screw Air Compressors

HPA series portable compressors are ideal for use in construction, mining and ship repair industries. These compressors offer their users long maintenance intervals, high performance and airflow thanks to their high-strength and high-efficiency screw blocks. Large fuel tanks make it possible to work longer without interruption.

GENERAL SPECIFICATION

- 2 breaker connections for HPA 340 and HPA 500; 3 for HPA 640; and 4 for HPA 1000
- Type approval certificate complying with EU2007/46/EC chassis directive. (Road Certificate in accordance with European norms)
- Capacity control by changing diesel engine speed
- Compressor housing resistant against corrosion and impacts
- Service covers that may be opened by the sides
- High-efficiency engine and fuel tank capacity providing up to 10 hours of continuous operation at full load
- Low vibration level



SCREW BLOCK

- Gear box as per AGMA (American Gear Manufacturers Association) standards for products where threaded screws are used

TRAILER TYPES

- Without Trailer/With Chassis
- With brake, with fixed trailer
- Without brake, with fixed trailer
- With brake, with mobile trailer (Height of the connection point to the vehicle may be adjusted)
- Without brake, with mobile trailer





STANDARD EQUIPMENT

- Signalling
- Check valve
- Cabinet security lock
- Safety chain (HPA 640 & HPA 1000)
- Chock and chock holder
- Trailer connection coupling
- Breaker hose connection coupling

OPTIONS

- Safety chain (HPA 340 & HPA 500)
- Heater that allows operation up to -30 °C (HPA 340 & HPA 500)
- Aftercooler and water separator



TECHNICAL DATA

MODEL	PRESSURE		CAPACITY		ENGINE MODEL	FUEL TANK CAPACITY lt	ENGINE POWER kW/HP	CONNECTION SIZE	DIMENSIONS [mm]			WEIGHT kg	NOISE dB(A)
	bar	PSI	m ³ /min	SCFM					Width	Depth	Height		
HPA 340	7	102	3,4	120	KUBOTA V1505-E3B	50	26,5/35	2xG3/4"	2000/3020	1150/1650	1300/1500	690	≤ 98
HPA 500	7	102	5,0	177	KUBOTA V1505-E3B	85	33/45	1xG1"+2xG3/4"	2000/3020	1150/1650	1300/1600	725	≤ 98
	10	145	4,1	145									
	12	174	3,4	120									
HPA 640	7	102	6,4	226	KUBOTA V2403-M-T-E3B	125	44/60	1xG1"+2xG3/4"	2250/3720	1200/1650	1370/1500	1050	≤ 98
HPA 1000	7	102	10,0	353	KUBOTA V3800-DI-T-E2B	125	72,8/100	1xG1 1/2"+3xG3/4"	2250/3720	1200/1650	1470/1600	1250	≤ 99
	10	145	8,5	300									
	12	174	7,5	265									

1. Unit performances measured in reference conditions which are 1 bar absolute air pressure, %0 relative humidity, 20°C inlet air temperature, 71°C thermostatic valve set temperature and use of Smartoil.
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2. Refers to free air delivery measured according to ISO 1217:2009, Annex C standard.
3. Refers to sound pressure level measured according to ISO 2151:2004 and ISO 9614/2 with ± 3 dB(A) tolerance.
4. First value is valid for the base mounted version and the second value is valid for the mobile trailer versions.

