

Rotary Screw Compressors

HPA Series

HPA 340 / HPA 500 / HPA 640 / HPA 1000

hertz[®]
KOMPRESSOREN



HPA series portable air compressors are ideal solutions for the applications in construction, mining and naval engineering sectors. These compressors, which are built with high endurance, quality and performance grades air end, offer long maintenance intervals, high performance, high airflow capacity and large fuel tanks compared to the competitors, so that they can be used at any place where compressed air is needed.

GENERAL FEATURES

- Pneumatic breaker connection, up to two for HPA 340 and HPA 500, three for HPA 640, and four for HPA 1000
- The type-approval certificate in accordance with EU2007/46/EC framework directive
- Airflow capacity adjustment by controlling diesel engine speed
- Status and alarm monitoring on the control panel with electronic card
- Durable canopy prevents corrosion and impacts
- Maintenance doors placed on sides
- Operation time up to 16 hours at continuous full load conditions

AIR END

- New generation rotary screw air end with high efficiency, durability and low energy consumption
- New generation bearing design with high load carrying capacity
- New rotor profile decreasing air leakages and required torque values
- Gearbox in accordance with AGMA (American Gear Manufacturers Association) standards (HPA 500 & HPA 1000)

MAIN MOTOR AND DRIVE SYSTEM

- Four-cylinder, water-cooled and turbo-charged (except HPA 340) diesel engine
- Exhaust emission levels in accordance with the emission standards (except HPA 1000)
- Direct-drive mechanism with flexible coupling

VERSIONS

- Base mounted
- Fixed tow-bar with brakes
- Fixed tow-bar without brakes
- Height adjustable tow-bar with brakes
- Height adjustable tow-bar without brakes

STANDARD EQUIPMENTS

- Breakaway cable (HPA 640 & HPA 1000)
- Road signalization
- Wheel chocks and wheel chocks carrier
- Loose ball coupling
- Discharge check valve
- Anti-theft safety lock
- Connection coupling for pneumatic breaker hose



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SPECIFICATIONS



OPTIONS

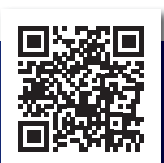
- Breakaway cable (HPA 340 & HPA 500)
- Exhaust system with spark arrester
- Cold start at -30°C
- Different frame color upon request
- Different enclosure color upon request
- Aftercooler & water separator

MODEL	PRESSURE		CAPACITY		ENGINE MODEL	FUEL TANK CAPACITY lt	ENGINE POWER kW/HP	CONNECTION SIZE	DIMENSIONS [mm]			WEIGHT kg	NOISE dB(A)
	bar	PSI	m³/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									
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
	10	145	8,5	300									
HPA 1000	7	102	10,0	353	KUBOTA V3800-DI-T-E2B	125	72,8/100	1xG11/2"+3xG3/4"	2250/3720	1200/1650	1470/1600	1250	≤ 99
	10	145	8,5	265									
	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.

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