

Rotary Screw Compressors

HPA Series

HPA 340 / 500 / 640 / 1000

hertz[®]
KOMPRESSOREN



HPA series portable air compressors are ideal solutions for the applications in construction, mining and naval engineering sectors.

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
- Durable canopy prevents corrosion and impacts
- Maintenance doors placed on sides
- Operation time up to 10 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)
- Cold start at -30°C
- 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									
	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	1xG11/2"+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.

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