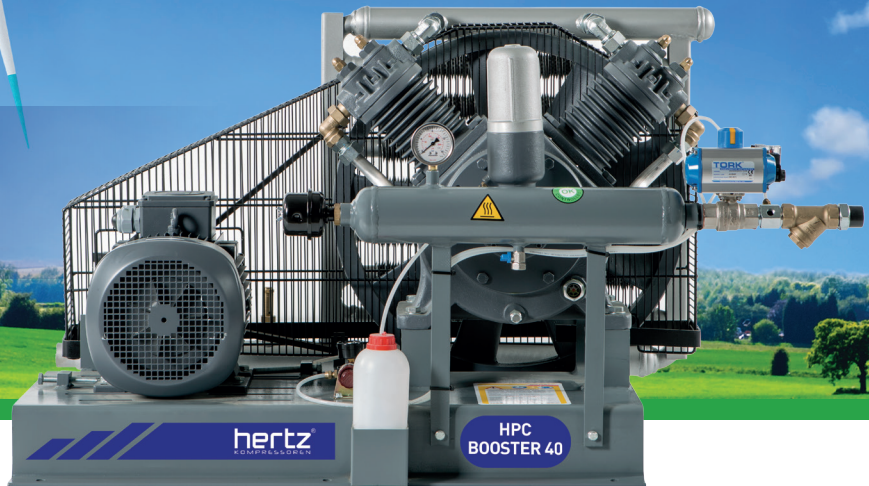


Piston Compressors

HPC BOOSTER Series

HPC – BOOSTER 10 / 15 / 20 / 25 / 30 / 40

hertz[®]
KOMPRESSOREN



A Booster takes air from compressed air line and increases the pressure for certain applications such as seal testing in pneumatic and hydraulic devices, certain actuating cylinders, presses, clamping fixtures and PET bottle production.

Usually the volume of air demanded at higher pressures of around 40 bar is relatively small so the booster is an economical means of supply and more efficient than to lift the pressure in the complete air main to this level. HERTZ boosters are delivered ready for use and include an air-cooled compressed air aftercooler as standard.

STANDART SPECIFICATIONS

- Specially designed for longlife and problem free working for pet bottle industry.
- 5-13 bar intake pressure alternatives
- Max. 40 bar working pressure
- Load-unload working alternatives

COMPRESSOR BLOCK

- Heavy duty cast-iron crankcase
- Cast-iron cylinders and bare pumps with cooling fins
- Sphero cast crankshaft and counter weight
- High capacity and high pressure-resistant inlet-outlet valves made from stainless steel
- Compression and oil retaining rings

MAIN MOTOR AND DRIVE SYSTEM

- High efficiency 400V/3 phase/50Hz IE3 class IP55 electric motor
- Drive system with belt-pulley mechanism
- Belts have a working life of a minimum 25,000 hours

- Special design fan-type cast-iron pulley
- Easy belt tensioning system
- Special loadless operation system

SAFETY SYSTEMS

- Intake air control system
- High pressure
- Manual drain valve
- Non-return valve
- Belt-pulley guard
- Outlet pressure gauge
- High pressure relief valve

OPTIONS

- High pressure air dryer
- CE certified air receiver made from P265GH pressure vessel steel
- Air filtration system with oil trap
- Food grade lubricant for food production

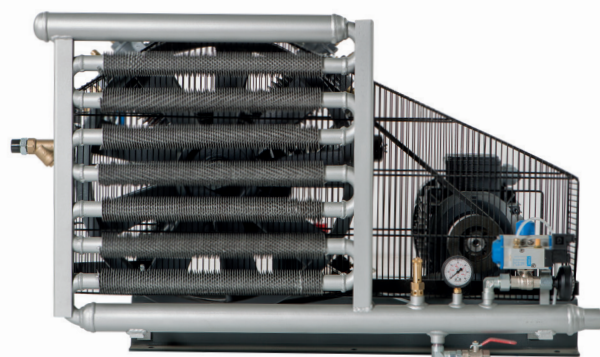
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SPECIFICATIONS

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OTHER FEATURES

- Automatic discharge system for loadless start
- Long-life bearings
- Air-cooled aftercooler
- Air intake filter and silencer for loadless operation
- Oil splash lubrication system
- Oil level indicator
- Special discharge system preventing oil leakage from blowdown valve

MODEL*	PRESSURE				CAPACITY (intake)						MOTOR POWER kW/HP	CONNETION SIZE	DIMENSIONS mm			WEIGHT kg
	Minimum		Maximum		m³/min	SCFM	m³/min	SCFM	m³/min	SCFM			Width	Depth	Height	
	bar	PSI	bar	PSI												
HPC BOOSTER 10	15	218	40	580	2,10	74,2	2,89	102,1	3,67	129,6	7,5/10	1"	1286	825	753	268
HPC BOOSTER 15	15	218	40	580	2,45	86,5	3,37	119,0	4,29	151,5	11/15	1"	1286	825	753	285
HPC BOOSTER 20	15	218	40	580	3,71	131,0	5,10	180,1	6,49	229,2	15/20	1"	1357	820	758	300
HPC BOOSTER 25	15	218	40	580	4,90	173,1	6,73	237,7	8,57	302,7	18,5/25	1 1/4"	1423	874	736	345
HPC BOOSTER 30	15	218	40	580	5,56	196,4	7,65	270,2	9,74	344,0	22/30	1 1/4"	1423	881	736	390
HPC BOOSTER 40	15	218	40	580	6,68	235,9	9,18	324,2	11,68	412,5	30/40	1 1/4"	1423	972	736	426

* HERTZ KOMPRESSOREN reserves its rights to make changes in its products and specifications without prior notice.

HERTZ KOMPRESSOREN GLOBAL SALES DIVISION
34885 Sancaktepe / Istanbul - Turkey
Phone: +90 (216)311 71 81 / Fax: +90 (216)311 71 91
export@hertz-kompressoren.com

HERTZ KOMPRESSOREN GmbH
Jägerstrasse 51, 47166 Duisburg
Phone: +49 203 29 65 81 83
Fax: +49 203 29 65 81 84 / info@hertz-kompressoren.de



A Dalgakiran Group Company