



HPC BOOSTER SERIES -RECIPROCATING BOOSTER AIR COMPRESSORS



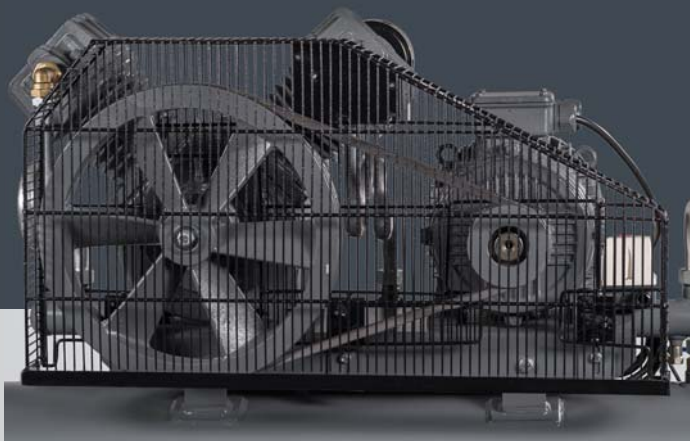
STANDARD EQUIPMENT

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



RELIABILITY

HERTZ pressurizes the air entering the compressor at 7-13 bar up to 40 bars with the HPC series booster compressors in its production range. The HPC booster series products have been preferred by pet bottle manufacturers for many years and have been successfully used in many companies.



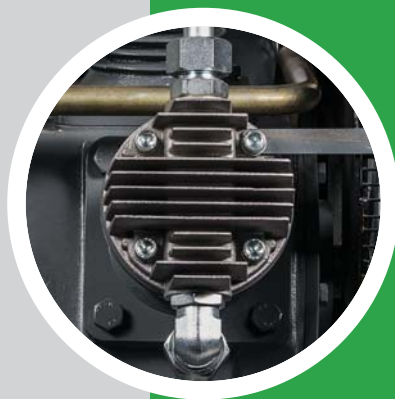
MAIN MOTOR AND DRIVE SYSTEM

- High efficiency 400V/3 phase/50Hz IE3 IP55 electric motor
- Special loadless start system and automatic discharge system for loadless start



COMPRESSOR BLOCK

- Cast iron cylinder with cooling fins and special aluminium alloy cylinder heads
- Specially designed high-speed stainless steel concentric valves.
- Cast iron crankcases with high strength
- Dynamically-balanced cast steel crankshaft and counterweight
- Special alloy aluminium pistons and steel cast connecting rods
- Specially designed finger-type, high-capacity stainless steel suction-discharge valves
- Stainless steel suction-discharge valves, specially designed for high pressure strength





HPC BOOSTER SERIES

Reciprocating Booster Air Compressors

HERTZ pressurizes the air entering the compressor at 7-13 bar up to 40 bars with the HPC Boosters Series booster compressors in its production range. The HPC Boosters Series products have been preferred by pet bottle manufacturers for many years and have been successfully used in many companies.

MAIN MOTOR AND DRIVE SYSTEM

- Belt-pulley drive system
- Specially designed fan type cast iron pulley
- Easy belt tensioning system

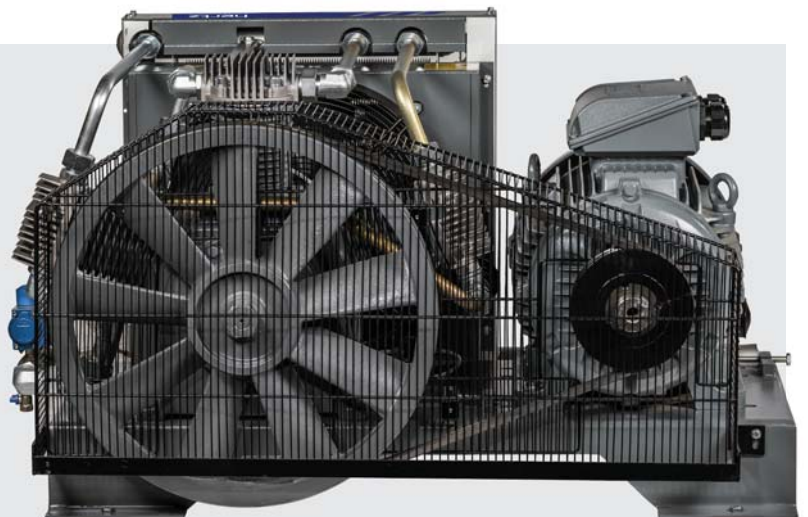


SAFETY SYSTEMS

- Intake air control system
- High pressure switch
- Manual discharge valve
- Integrated check valve on the air outlet line
- Belt pulley housing grill
- Outlet pressure manometer
- High pressure relief valve

OTHER FEATURES

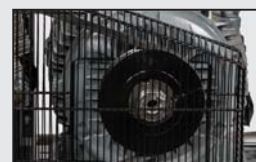
- Automatic discharge system for loadless start
- Bearings with a long service life
- Outlet air cooling radiator
- Loaded-Unloaded operating options
- Air suction filter and silencer for unloaded operation
- Lubrication system with whisking rod
- Oil level gauge
- Special discharge system preventing oil leakage from blowdown valve





OPTIONS

- High pressure air dryer
- High pressure air tank made of CE certified P265GH pressurized container steel (EN 286-1)
- Air filtering system with oil trap
- Food grade oil option
- Main motor with IE4 efficiency class



TECHNICAL DATA

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

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

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