



The image shows a large industrial reciprocating air compressor. It has a black cylindrical body with cooling fins, a large black flywheel, and a complex network of pipes and valves. Two pressure gauges are visible: one on the left side of the main cylinder and another on the top right. The top of the unit is grey and labeled 'HPC H5'. The background is dark, and the overall lighting highlights the metallic textures of the machine.

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HPC H5

hertz

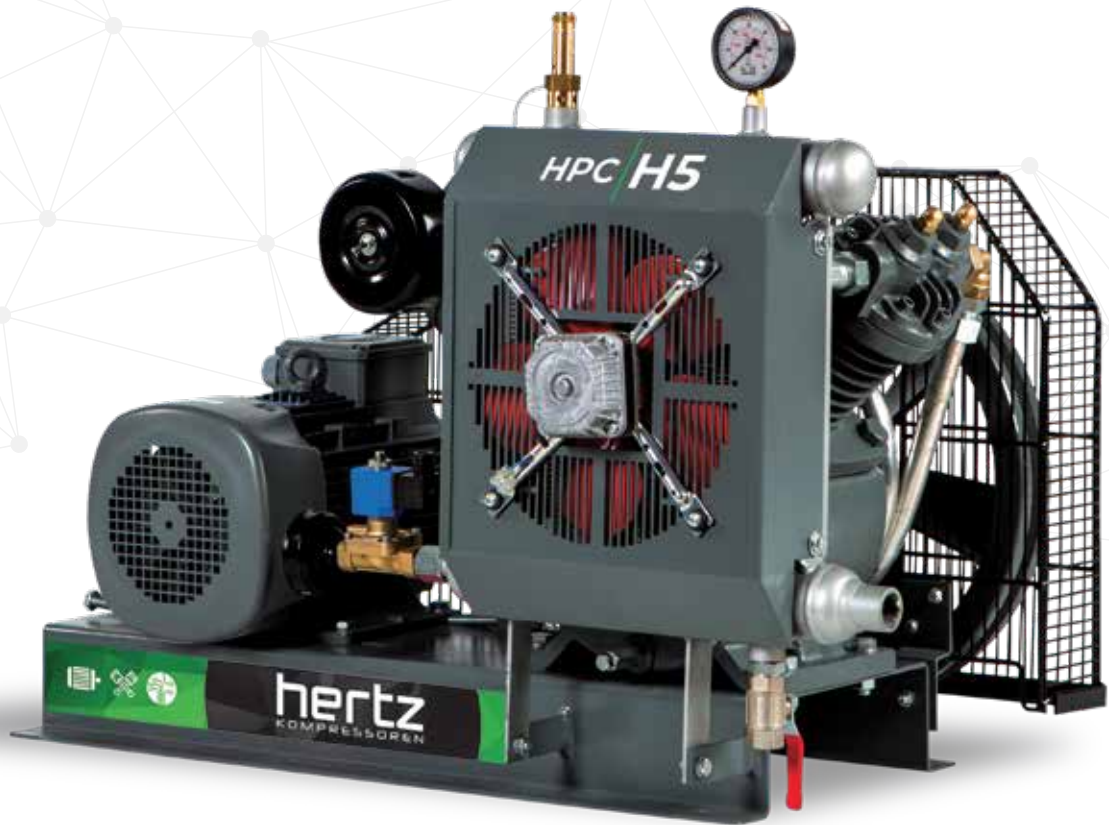
KOMPRESSOREN

**HPC-H**  
Reciprocating High Pressure  
Air Compressors  
5,5-15 kW

507-  
1657  
L/min

5,5-15  
kW

40  
bar



## HPC-H SERIES

*Oil Injected, High Pressure, Belt Driven  
Reciprocating High Pressure Air Compressors*

We offer ideal air solutions for high pressure applications.



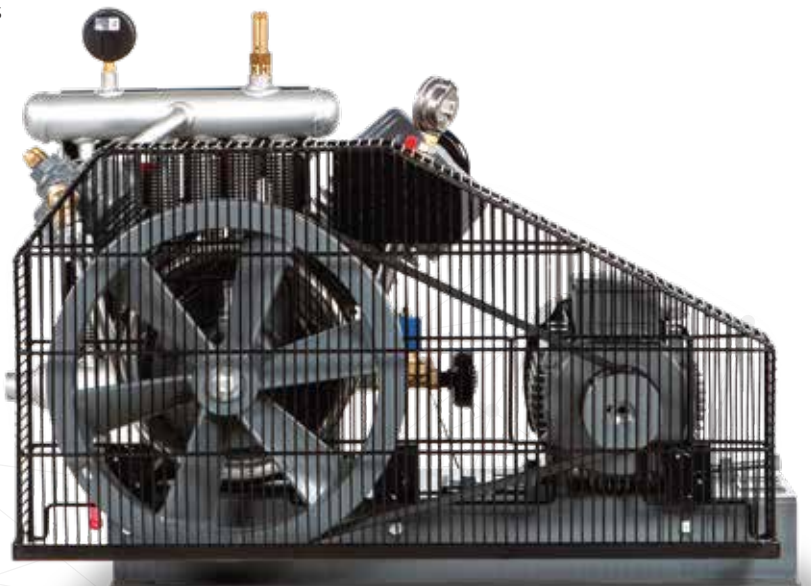
### General Features

- Automatic discharge system for loadless start
- Outlet air cooling radiator
- Air intake filter and silencer
- Includes safety systems suitable to pressure class



### Advantages

- Ideal for applications requiring high pressure, particularly the maritime sector.
- High-quality components for high-efficiency operation.
- Robust cast body.
- Long-life bearings for reduced maintenance and service periods.
- Ensures compressed air needs up to 40 bar.
- Service-friendly design minimizes downtime and lowers maintenance costs.





## **Main Motor and Drive System**

- IE3 efficiency-class electric motor
- Belt-pulley drive system
- Adjustable belt tension reduces losses
- Specially designed fan-type cast iron pulley
- Easy-to-use belt-tensioning system
- Optional star/delta starter



## **Compressor Block**

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



## **Safety System**

- Integrated check valve in air outlet line
- Belt pulley housing guard
- High-pressure switch
- First and second stage relief valves
- Outlet pressure manometer
- First stage pressure manometer



## **Certification**

- Electrical components selected to meet IEC, UL/cUL, and CE standards
- Bureau Veritas and French Llyod type-approval certificates

Model	Pressure		Intake Capacity		Motor kW/HP	Connection	Dimensions (mm)			Weight kg
	bar	psi	L/min.	cfm			Length	Width	Height	
HPC-H5	40	580	507	17,9	5,5 / 7	3/4"	933	576	662	153
HPC-H15	40	580	1060	37,4	11 / 15	1"	1312	1213	718	363
HPC-H20	40	580	1657	58,5	15 / 20	1"	1295	897	832	422

- 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.
- Hertz reserves its rights to make changes in its products and specifications without prior notice.