



World leaders in diving equipment technology

DEFENCE
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Bauer Poseidon PE HE Compressor

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Horizontal design, for a space-saving installation. The PE 250 / 300 HE horizontal models are by far the most compact high pressure breathing air compressors in their class. Due to the space-saving arrangement of block and drive, the HE range requires a minimum of floor space although offering high capacities.

The standard version comes already equipped with automatic condensate drain and easy-to-use control.

Robust Compressor Block

- Piston rings made of a high-tech synthetic material offer outstanding wear values.
- Oil cooling in the final compression stage for minimal wear and tear for a longer life.
- Interstage and afterstage coolers made of stainless steel against corrosion.
- Robust low pressure oil pump with oil filter for effective lubrication and extended oil change intervals.

Automatic Operation

- A control in conjunction with the final pressure cutout controls the independent shut-off of the compressor when final pressure is reached.

- Convenience in use is achieved by means of an automatic condensate drain: the condensate is drained when the unit is switched on and off, as well as at regular intervals during operation.
- Hour counter for reading off the pending maintenance and service intervals.

P-Purification System

- A filter technology perfected over a decade provides breathing air of superior quality according to DIN EN 2021.
- Our genuine cartridges safely remove humidity, oil and pollutants from the compressed air.

Control at a Glance

- Exclusive from Bauer and unique world wide: the B-Timer (optional) for monitoring required filter changes and maintenance intervals.
- The mini computer counts the operating hours and reliably indicates the remaining life time. Pending cartridge changes or maintenance intervals are clearly indicated.

Always on the Safe Side

- Spare parts supply located in more than 50 countries.
- 20 years spare parts supply guaranteed.

HE TE Range

Max. 330 bar¹⁾

Model	PE250-HE	PE 300-HE
Drive	3-phase	3-phase
FAD l/min ²⁾	250	300
RPM min ⁻¹	1450	1800
Filling rate min ²⁾	0,8	0,7
Drive kW	5,5	7,5
Drive HP	7,5	10,0
Purification system TRIPLEX®	P31 / P42	P31 / P42
Dimensions (approx cm)		
L x W x H	110 x 69 x 99	110 x 69 x 99
Weight net. (approx kg)	230	250
Order Code	PE250-HE	PE 300-HE

¹ 225 bar / 330 bar alternatively. Optional: available with two pressures: 330 / 225 bar.

² Cylinder filling from 0 to 200 bar. Filling rate for 1 l cylinder capacity.

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Options	PE 250 HE	PE 300 HE
Model	PE 250 HE	PE 300 HE
Automation options		
Compressor Control	Standard scope of supply	Standard scope of supply
Final pressure shut-off	Standard scope of supply	Standard scope of supply
Automatic condensate drain	Standard scope of supply	Standard scope of supply
Main cable and motor protection switch	Standard scope of supply	Standard scope of supply
Air purification options		
Purification system P31	Standard scope of supply	Standard scope of supply
Purification system P42	Optional	Optional
B-Timer	Optional	Optional
Securus ¹⁾	Optional	Optional
Air distribution options		
2 filling devices	Optional	Optional
Filling panel with 4 direct connections	Optional	Optional
Filling panel with 4 hose connections	Optional	Optional
225 or 330 bar version alternatively	Standard scope of supply	Standard scope of supply
225 and 330 bar	Optional	Optional

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