

THE TE /HE RANGE

Pure power, attractive price

- › 200 – 300 l/min
- › 225 / 330 bar
- › COMPACT
- › EASY OPERATION
- › BREATHING AIR
ACCORDING TO DIN EN 12021¹

¹Assuming proper maintenance and installation of the systems in accordance with operating instructions/operating manuals, in cases where intake air CO₂ concentration does not exceed the levels required by the applicable breathing air standard.



POSEIDON EDITION stands for an excellent price/performance ratio at very high quality. This product range has been developed for uncomplicated operation combining proven core components from **BAUER** with a simple and robust chassis.

Units of the ranges TE and HE combine a particularly compact construction with high capacities.



“Plug & play” configuration, tailor made, easy operation

THE TE-RANGE

Transportable, for mobile applications.

The PE 200-/250-/300-TE models offer a highly attractive price/performance ratio. Due to their compact construction, the units are easy to transport and to load into vehicles. The oil pump allows inclinations up to 15°, therefore making these models most suitable for use on board of ships.



THE HE-RANGE

Horizontal design, for a space-saving installation.

The PE 250-/300-HE horizontal models are among 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 minimum floor space and provides maximum capacities.

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

Uncompromising quality

ROBUST COMPRESSOR BLOCK

- › Piston rings made of a high-tech synthetic material offer outstanding wear values.
- › Oil cooling in the final compression stage for a longer life and minimal wear and tear.
- › Interstage and afterstage coolers made of stainless steel to protect 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 during operation and when switched off.
- › Hour counter for reading off the pending maintenance and service intervals.

P-PURIFICATION SYSTEM

- › A filter technology perfected over a decade delivers breathing air according to DIN EN 12021¹.
- › Our genuine cartridges safely remove humidity, oil and pollutants from the compressed air.

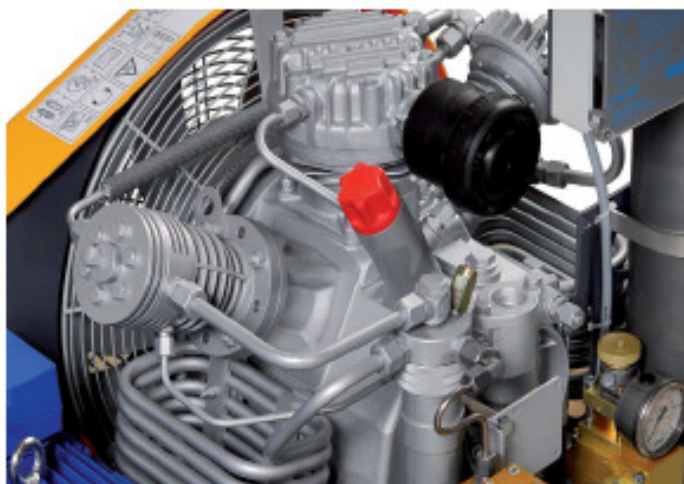
CONTROL AT A GLANCE

- › Specifically designed for operating characteristics and filter systems from BAUER compressors: The B-TIMER monitors filter changes and maintenance intervals.
- › The mini computer counts the operating hours and indicates the remaining life time. Pending cartridge changes or maintenance intervals are clearly indicated.

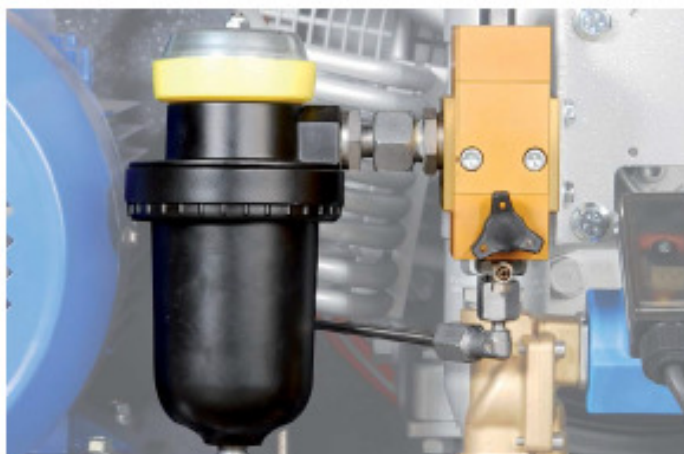
ALWAYS ON THE SAFE SIDE

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

¹Assuming proper maintenance and installation of the systems in accordance with operating instructions/operating manuals, in cases where intake air CO₂ concentration does not exceed the levels required by the applicable breathing air standard.



Robust and long-lasting compressor block IK 120



Control combined with automatic condensate drain



P 31 filter system with B-TIMER – safety at a glance

Equipment variants

OPTIONS	TE Range			HE Range	
	Model	PE 200-TE	PE 250-TE	PE 300-TE	PE 250-HE
Automation options					
Compressor control	○	○	○	●	●
Final pressure shut-off	○	○	○	●	●
Automatic condensate drain	○	○	○	●	●
Main cable and motor protection switch	○	○	○	●	●
Air purification options					
Purification system P 21	●	●	●		
Purification system P 31		○	○	●	●
Purification system P 42			○	○	○
B-TIMER	○	○	○	○	○
SECURUS ¹			○	○	○
Air distribution options					
1 filling device	●	●	●		
2 filling devices	○	○	○	○	○
Filling panel with 4 direct connections				○	○
Filling panel with 4 hose connections				○	○
225 or 330 bar version alternatively	●	●	●	●	●
225 and 330 bar	○	○	○	○	○

● standard scope of supply | ○ optional ¹ only available on purification system P 42

Technical data

Model	Drive	Charging rate	R.P.M.	Filling rate		Drive	Purification system	Dimensions (app. cm)			Weight net approx.
				l/min ²	min ⁻¹			min ²	kW	HP	
max. 330 bar¹											
PE 200-TE	3-phase	200	1250	1,0	4,0	5,5	P 21	110	50	57	120
PE 250-TE	3-phase	250	1450	0,8	5,5	7,5	P 21 / P 31	110	50	57	130
PE 300-TE	3-phase	300	1800	0,7	7,5	10,0	P 21 / P 31 / P 42	110	52	57	140
PE 250-HE	3-phase	250	1450	0,8	5,5	7,5	P 31 / P 42	110	69	99	230
PE 300-HE	3-phase	300	1800	0,7	7,5	10,0	P 31 / P 42	110	69	99	250

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

Australian Safety Engineers
45 Catalano Circuit,
Canning Vale, W.A. 6155

Phone: +61 (8) 9456 2066

Fax: + 61 (8) 9456 2077

Email: ase@ase.net.au

Web: www.ase.net.au



THE TE/HE RANGE

N33046

04.14

Subject to technical modifications