

THE NEW TE-/HE-RANGE

Pure power, perfect price

- › 200–300 l/min
- › 225/330 bar
- › COMPACT
- › EASY OPERATION
- › BREATHING AIR
ACC. TO DIN EN 12021



Our new 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 the optimum 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 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.

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 minimal wear and tear and 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 guarantees breathing air of superior quality acc. to DIN EN 12021.
- › Our genuine cartridges safely remove humidity, oil and pollutants from the compressed air.

CONTROL AT A GLANCE

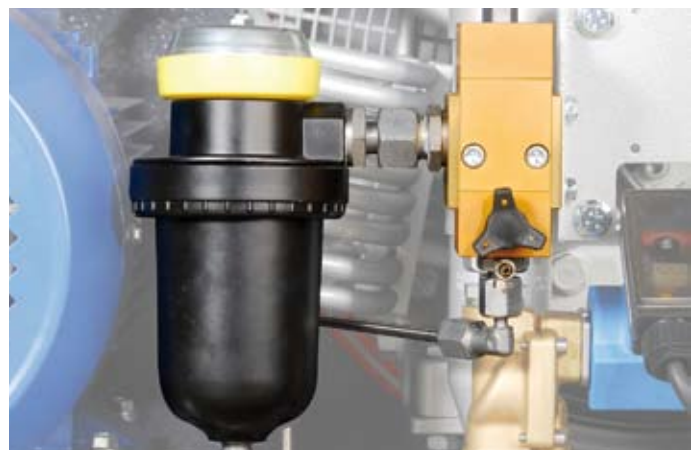
- › Exclusive from BAUER and unique worldwide: The B-TIMER (optional) for monitoring required filter changes and maintenance intervals.
- › The mini computer counts the operating hours and reliably indicates the remaining life time. Pending cartridge changes or maintenance intervals are clearly indicated.

ALWAYS ON THE SAFE SIDE

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



Robust and long-lasting compressor block IK 120



Control combined with automatic condensate drain saves work



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 | PE 300 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 | ○ ²⁾ | ○ ²⁾ | ○ ²⁾ | ○ | ○ |
| Filling panel with 4 direct connections | | | | ○ | ○ |
| Filling panel with 4 hose connections | | | | ○ | ○ |
| 225 or 330 bar version alternatively | ● | ● | ● | ● | ● |
| 225 and 330 bar | ○ | ○ ³⁾ | ○ ³⁾ | ○ | ○ |

● standard scope of supply | ○ optional

1) only available on purification system P42

2) only when a switch over device is selected

3) not available on purification system P31

Technical data

| Model | Drive | F.A.D | R.P.M | Filling rate | Drive | | Purification system | Dimensions (app. cm) | | | Weight net approx. |
|----------------------------|---------|---------------------|-------------------|-------------------|-------|------|---------------------|----------------------|----|----|--------------------|
| max. 330 bar ¹⁾ | | l/min ²⁾ | min ⁻¹ | min ²⁾ | kW | HP | TRIPLEX® | L | W | H | kg |
| PE 200-TE | 3-phase | 200 | 1250 | 1,0 | 4,0 | 5,5 | P21 | 110 | 50 | 57 | 120 |
| PE 250-TE | 3-phase | 250 | 1450 | 0,8 | 5,5 | 7,5 | P21 / P31 | 110 | 50 | 57 | 130 |
| PE 300-TE | 3-phase | 300 | 1800 | 0,7 | 7,5 | 10,0 | P21 / P31 / P42 | 110 | 52 | 57 | 140 |
| PE 250-HE | 3-phase | 250 | 1450 | 0,8 | 5,5 | 7,5 | P31 / P42 | 110 | 69 | 99 | 230 |
| PE 300-HE | 3-phase | 300 | 1800 | 0,7 | 7,5 | 10,0 | P31 / P42 | 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

