

PE-TB SERIES

PURE PERFORMANCE FOR MOBILE USE



PE-TB SERIES

PURE POWER, ATTRACTIVE PRICE

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.

TRANSPORTABLE – FOR MOBILE USE

Due to their compact construction, the units are easy to transport and to load into vehicles. The integrated oil pump allows inclinations up to 15°, therefore making these models most suitable for use on board ship.

The integration of a motor rocker means that the tension of the V-belt no longer has to be adjusted. Additionally it is designed to reduce vibrations for quiet, smooth operation.



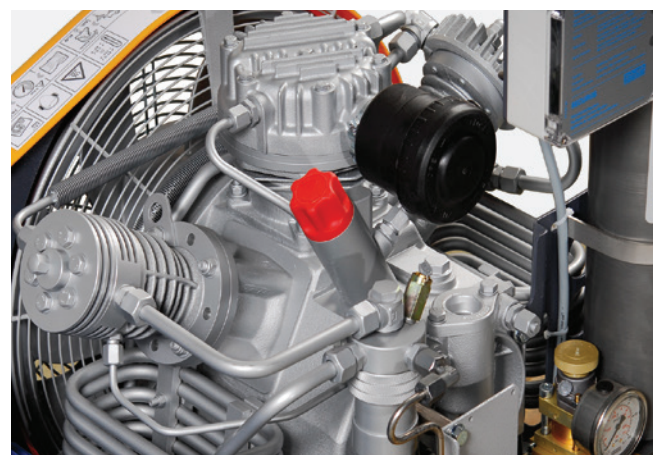
- › 200 - 300 l/min
- › 225 / 330 bar
- › 5.9 - 8.7 kW
- › Petrol engine

- › Compact
- › Easy operation
- › Breathing air according to DIN EN 12021:2014 ¹

UNCOMPROMISING QUALITY

ROBUST COMPRESSOR BLOCK

- › Piston rings made of 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 in corrosion-free stainless steel.
- › Robust low pressure oil pump with oil filter for reliable lubrication and extended oil change intervals.



Robust and long-lasting compressor block IK 120

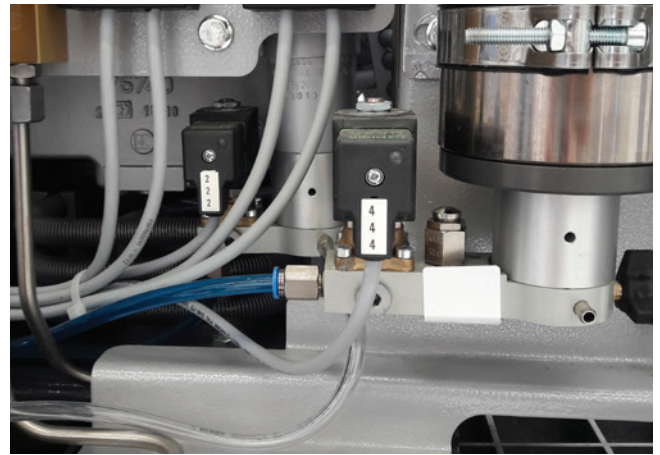
¹ Assuming proper maintenance and installation of the systems in accordance with operating instructions/operating manuals, in cases where intake air CO₂ concentration does not exceed the levels required by the applicable breathing air standard.

P-PURIFICATION SYSTEM

- › Purification technology perfected over a decade delivers breathing air according to DIN EN 12021:2014¹.
- › Our genuine filter cartridges safely remove moisture, oil and pollutants from the compressed air.

AUTOMATIC OPERATION

- › Added convenience and ease of operation are provided by B-DRAIN, the optional automatic condensate drain system with automatic final pressure shutdown function. The system separators are drained regularly during compressor operation and the system shuts down when the final pressure is reached.



Automatic condensate drain B-DRAIN

CONTROL AT A GLANCE

- › The B-TIMER counts the operating hours and accurately determines the saturation of the BAUER filter cartridges in the P-filter system. Clear signals are output when cartridges need to be changed or maintenance is due.

ALWAYS ON THE SAFE SIDE

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

FURTHER EQUIPMENT OPTIONS

- › Additional filling device for 225 or 330 bar
- › Switchover device for 225/330 bar
- › Larger Purification System P 31 (PE 200-TB) or P 41 (PE 300-TB) for longer cartridge life
- › Trolley / Handles



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

¹ Assuming 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.

TECHNICAL DATA

| Type | Charging rate ¹ | | Operating Pressure max. ² | | Purification System | Number of Stages | Speed approx. | Drive and Motor Power | | Net Weight approx. | Dimensions L x W x H |
|------------------------|----------------------------|-----|--------------------------------------|-------|---------------------|------------------|---------------|------------------------|----------------------|--------------------|----------------------|
| | l/min | cfm | bar | psig | | | | Motor | kW | | |
| PE 200-TB | 200 | 7 | 330 | 4,780 | P 21 | 3 | 1,250 | 4-stroke petrol engine | 5.9/6.6 ³ | 130 | 125 x 59 x 57 |
| PE 250-TB | 250 | 9 | 330 | 4,780 | P 31 | 3 | 1,450 | 4-stroke petrol engine | 6.6 | 135 | 125 x 59 x 65 |
| PE 300-TB ⁴ | 300 | 10 | 330 | 4,780 | P 31 | 3 | 1,800 | 4-stroke petrol engine | 8.7 | 145 | 125 x 59 x 65 |

¹ Measured by cylinder filling (10 l) from 0 - 200 bar, ± 5%.

² Available with two pressures: 225/330 bar

³ 6.6 kW petrol engine with option automatic condensate drain / automatic shutdown function

⁴ PE 300-TB scheduled for launch in mid-2019

Net weight and dimensions valid for compressor in basic configuration



**ARE YOU INTERESTED IN OUR
PRODUCTS?**

**CONTACT US – WE ARE HAPPY TO PROVIDE
INFORMATION AND ASSISTANCE.**

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Subject to technical change without notice