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## Bauer Poseidon PE TE Compressor

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### Transportable, for mobile applications.

The PE200 / 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 allow inclinations up to 15°, therefore making these models most suitable for use on board of ships.

### 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 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.

#### PE TE Range

Max. 330 bar<sup>1)</sup>

| Model                          | PE200-TE      | PE 250-TE     | PE 300-TE       |
|--------------------------------|---------------|---------------|-----------------|
| Drive                          | 3-phase       | 3-phase       | 3-phase         |
| FAD l/min <sup>2)</sup>        | 200           | 250           | 300             |
| RPM min <sup>-1</sup>          | 1250          | 1450          | 1800            |
| Filling rate min <sup>2)</sup> | 1,0           | 0,8           | 0,7             |
| Drive kW                       | 4,0           | 5,5           | 7,5             |
| Drive HP                       | 5,5           | 7,5           | 10,0            |
| Purification system TRIPLEX®   | P21           | P21 / P31     | P21 / P31 / P42 |
| Dimensions (approx cm)         |               |               |                 |
| L x W x H                      | 110 x 50 x 57 | 110 x 50 x 57 | 110 x 52 x 57   |
| Weight net. (approx kg)        | 120           | 130           | 140             |
| Order Code                     | PE200-TE      | PE 250-TE     | PE 300-TE       |

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<br>Model                       | PE 200 TE                | PE 250 TE                | PE 300 TE                |
|--|--------------------------|--------------------------|--------------------------|
| <b>Automation Options</b>              |                          |                          |                          |
| Compressor Control                     | Optional                 | Optional                 | Optional                 |
| Final pressure shut-off                | Optional                 | Optional                 | Optional                 |
| Automatic condensate drain             | Optional                 | Optional                 | Optional                 |
| Main cable and motor protection switch | Optional                 | Optional                 | Optional                 |
| <b>Air purification options</b>        |                          |                          |                          |
| Purification system P21                | Standard scope of supply | Standard scope of supply | Standard scope of supply |
| Purification system P31                | -                        | Optional                 | Optional                 |
| Purification system P42                | -                        | -                        | Optional                 |
| B-Timer                                | Optional                 | Optional                 | Optional                 |
| Securus <sup>1)</sup>                  | -                        | -                        | Optional                 |
| <b>Air distribution options</b>        |                          |                          |                          |
| 1 filling device                       | Standard scope of supply | Standard scope of supply | Standard scope of supply |
| 2 filling devices                      | Optional <sup>2)</sup>   | Optional <sup>2)</sup>   | Optional <sup>2)</sup>   |
| 225 or 330 bar version alternatively   | Standard scope of supply | Standard scope of supply | Standard scope of supply |
| 225 and 330 bar                        | Optional                 | Optional <sup>3)</sup>   | -                        |

- 1 Available on purification system P42
- 2 Only when a switch over device is selected
- 3 Not available on purification system P31

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