

# POSEIDON EDITION

COMPRESSORS FOR SPORTS & SAFETY APPLICATIONS



SPORTS & SAFETY



## PE-TE/TB

### MOBILE COMPRESSOR SYSTEMS WITH OPTIMISED FEATURES FOR USE IN VEHICLES AND SHIPPING

The PE-TE/TB series is designed for high FAD volumes up to 300 l/min in mobile use, and is available with a choice of electric or petrol drive. The systems are thus suitable for private use and commercial filling station operations. With compact design and functional carry frame, these compressors are easy to transport and stow in vehicles.

Their integrated oil pump enables them to be operated at inclinations of up to 15 degrees, so that this series is particularly suitable for shipping applications.

Also included is the BAUER P 21 Purification System (P 31 with PE 250-TB and PE 300-TB). This sophisticated air purification system with integrated oil and water separator and pressuriser valve reliably prevents users from inhaling air impurities<sup>1</sup> and provides effective protection from icing up when cartridges are changed regularly.

- › 200 - 300 l/min
- › 225 or 330 bar
- › 4 – 7.5 kW (8.8 kW petrol version)

#### FEATURES

- › High FAD, yet low in weight and easy to transport
- › Ideal for marine use, with interstage and afterstage cooler in stainless steel. Highly corrosion-resistant
- › Optionally available with user-friendly ultra-rugged B-TIMER mini-computer for filter cartridge monitoring



PE 300-TE with optional control unit

#### OPTIONAL FEATURES

- › Additional filling device for 225 or 330 bar
- › Switchover device for 225/330 bar
- › Larger Purification System P 31 (PE 200-TB, PE 250-TE and PE 300-TE only) or P 41 (PE 250-TE/TB, PE 300-TE/TB) only) for longer cartridge life
- › B-TIMER filter cartridge lifetime monitoring system
- › B-SECURUS filter cartridge saturation monitoring system (only possible with P41 and electric motor)
- › Electronic control unit (only with electric motor)
- › B-DRAIN automatic condensate drain system including automatic shut off when final pressure is reached

<sup>1</sup> Based on due maintenance and installation of the system in accordance with the operating manual and only where CO<sub>2</sub> concentrations in intake air do not exceed the predefined standard values. Local TLVs are not considered.

## TECHNICAL DATA

Type	Charging rate <sup>1</sup>		Operating Pressure max.		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-TE	200	7	330	4,780	P 21	3	1,250	Three-phase 400 V, 50 Hz <sup>2</sup>	4.0	120	110 x 50 x 57
PE 200-TB	200	7	330	4,780	P 21	3	1,250	4-stroke petrol engine	5.9/6.6 <sup>3</sup>	130	127 x 59 x 57
PE 250-TE	250	9	330	4,780	P 21	3	1,450	Three-phase 400 V, 50 Hz <sup>2</sup>	5.5	130	110 x 50 x 57
PE 250-TB	250	9	330	4,780	P 31	3	1,450	4-stroke petrol engine	6.6	135	127 x 59 x 65
PE 300-TE	300	10	330	4,780	P 21	3	1,800	Three-phase 400 V, 50 Hz <sup>2</sup>	7.5	140	110 x 50 x 57
PE 300-TB	300	10	330	4,780	P 31	3	1,800	4-stroke petrol engine	8.7	145	127 x 59 x 65

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

2 Plug dimension: Schuko plug 16 A.

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

