



THADHANI[®]
The Experts in Safety... Since 1947

COMPACT LINE

COMPRESSORS FOR SPORTS & SAFETY APPLICATIONS



1946
2016

70
BAUER
KOMPRESSOREN

SPORTS & SAFETY

COMPACT LINE

ULTRA-COMPACT AND TRANSPORTABLE BREATHING AIR COMPRESSORS

FEATURES

- › Easy to transport: light and simple to use
- › The patented mini-computer B-TIMER reliably warns of approaching filter cartridge change. Safe, secure, user-friendly and rugged
- › Many possible applications: sports diving, fire fighting, shipping, medical engineering, paintball, motor sports etc.

JUNIOR II

Ruggedness, reliability, a wide range of applications and compact flexibility have made the JUNIOR a worldwide classic and a global best-seller, with over 100,000 units sold.

The most compact of our mobile breathing air compressors, it combines a small footprint and advanced technology and is the ideal solution for applications in sports diving, shipping, respiratory protection and paintball and shooting sports.

In other words, for anyone that wants to rely on pure, safe breathing air in mobile applications.

The light, compact system can be transported by one or two people and fits into virtually every vehicle boot.

- › 100 l/min
- › 225 or 330 bar
- › 2.2 kW (4.2 kW petrol version)
- › Available with three-phase motor, single phase motor or petrol engine

OPTIONAL FEATURES (SELECTION)

- › Additional filling device for 225 or 330 bar
- › Switchover device for 330/225 bar
- › Frame and carrying handle of stainless steel
- › Automatic condensate drain including automatic shutoff when final pressure is reached
- › Trolley



JUNIOR II with electric motor and two pressure ranges



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OCEANUS

The OCEANUS delivers excellent performance: although virtually identical in size to the JUNIOR II, it can fill a breathing air cylinder up to 40% faster.

Designed for challenging professional applications, the OCEANUS impresses with its durability, mobility and high output. With a corrosion-resistant stainless steel base frame, the OCEANUS is the ideal mobile compressor even for coastal areas where the air has a high salt content, and in particular at sea, on submersibles or during expeditions. A generous oil reserve in the crankcase and the powerful oil pump mean that operation is also possible even at extreme inclinations of up to 30° (up to 20° for petrol-driven models).

- › 140 l/min
- › 225 or 330 bar
- › 3 kW (5.1 kW petrol version)
- › Available with three-phase motor, single phase motor or petrol engine

OPTIONAL FEATURES (SELECTION)

- › Additional filling device for 225 or 330 bar
- › Switchover device for 330/225 bar
- › Automatic condensate drain including automatic shutoff when final pressure is reached
- › Trolley



OCEANUS seen from rear with 300 bar filling hose

TECHNICAL DATA

Type	Charging Rate ¹		Operating Pressure max.		Purification system	Number of Stages	Speed	Drive and Motor Power		Net Weight approx.	Dimensions L x W x H
	l/min	cfm	bar	psig				Motor	kW		
JUNIOR II-B	100	3.5	330	4780	P 21	3	2,300	Petrol engine 4-stroke	4.2	44	78 x 41 x 42
JUNIOR II-E	100	3.5	330	4780	P 21	3	2,300	Three-phase 400 V, 50 Hz ²	2.2	46	66 x 36 x 42
JUNIOR II-W	100	3.5	330	4780	P 21	3	2,300	Single-phase 230 V, 50 Hz ^{3,4}	2.2	46	66 x 39 x 42
OCEANUS-B	140	5	330	4780	P 21	3	2,300	Petrol engine 4-stroke	5.1	47	79 x 41 x 42
OCEANUS-E	140	5	330	4780	P 21	3	2,300	Three-phase 400 V, 50 Hz ²	3	52	66 x 40 x 42
OCEANUS-W	140	5	330	4780	P 21	3	2,300	Single-phase 230 V, 50 Hz ²	3	52	66 x 40 x 42

1 Measured by cylinder filling (10 l) from 0 - 200 bar/ 2900 psig, ± 5%.
2 Plug dimension: 16 A. OCEANUS-W without plug.
3 Plug dimension: Schuko plug. Plug only for units with 230 V / 50 Hz.
4 With integrated motor protection switch (only for 220/230/240 V).