

COMPACT LINE

COMPRESSORS FOR SPORTS & SAFETY APPLICATIONS



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.



JUNIOR II with electric motor and two pressure ranges

- › **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

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: 1 6 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).



**ARE YOU INTERESTED IN OUR
PRODUCTS?**

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

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