

THE COMPACT LINE

Mobile power packs in convincing BAUER quality



- › 100 – 140 l/min
- › 200/300 bar
- › TOUGH
- › RELIABLE
- › WELL ESTABLISHED



COMPACT LINE - State of the art for mobile diving compressors.

Due to its legendary reliability under the toughest worldwide-conditions combined with low weight and an excellent price-quality ratio the OCEANUS and the „little brother“ JUNIOR II are bestsellers worldwide.

Outstanding: B-TIMER, the mini-computer which controls the cartridge change and maintenance intervals.

CUSTOM TAILORED TO MOBILE OPERATIONS

JUNIOR II



The most compact, highly mobile unit of our diving compressor range.

Due to its toughness and reliability the JUNIOR with more than 30.000 sold units has become a global classic.

The light weight and compact unit is portable by a single person and fits in every boot.

The patented TRIPLEX® filter system guarantees purest breathing air acc. to DIN EN 12021 (formerly DIN 3188).

The new JUNIOR II is a product based on more than 60 years of experience and strict BAUER Quality Management according to DIN EN ISO 9001.

OCEANUS



For a professional performance, which offers toughness, mobility and greater air capacity!

OCEANUS is designed to go on vessels, diving boats and expeditions .

The use of stainless steel and kevlar for frame and filling device ensures extreme resistance to corrosion.

The light weight and compact unit is portable by a single person and fits in every boot. The large capacity of the oil sump and the oil pump allow operation in extreme inclinations of up to 30° (motor with combustion engine up to 20°).

The use of stainless steel and kevlar for frame and filling device ensures extreme resistance to corrosion.

CONVINCING IN QUALITY AND FITTINGS

Uncompromising quality down to the last detail has made us the global market leader for breathing air compressor units.

INDESTRUCTIBLE

- › Durable, long-life compressor block using tempered cylinders.
- › piston rings made of a newly developed high-tech synthetic material offer outstanding wear values.
- › For best possible resistance to corrosion safety-filling device and filling hose are made of stainless steel and kevlar.
- › Lightweight fan and pulley protection made of unbreakable, UV-resistant special plastic, which improves cooling air flow for increased compressor efficiency.

SAFE

- › The GS-sign certifies the observation of all relevant safety regulations.
- › Moving parts such as v-belt, pulley and fan have optimal protection.
- › B-TIMER to indicate necessary filter cartridge change and unit service intervals.

SERVICE

- › Global service network and spare parts supply located in more than 50 countries.
- › 20 years spare part supply guaranteed. Learn how to do necessary maintenance in BAUER training courses.



Stainless filling device



Operation at a glance



TRIPLEX® filter for purest air

SCOPE OF SUPPLY	JUNIOR II	OCEANUS
200 oder 300 bar version alternatively	●	●
switch over device 330 / 225 bar	○	○
filling devices	1	1
Filter system TRIPLEX® P21	●	●
B-TIMER	●	●
Telescopic intake tube (combustion engine)	●	●
Frame and handle made of stainless steel	○	●
Oil pump		●
TÜV/GS certification	●	●

● standard scope of supply | ○ optional

B-TIMER - SAFETY AT A GLANCE

Filter cartridge change now safe, simple and economic!

The mini computer counts the operating hours and measures accurately the cartridge saturation. Cartridge exchange due is clearly displayed.

- › Via a highly sensitive special sensor the hour meter starts automatically at compressor start and stops counting automatically again if compressor stops.
- › On the four-part segment display the status of saturation of the cartridge can be followed up. If the remaining capacity is less than 20%, the last segment is flashing and instead of the operating hours the order number of the cartridge required is indicated. If the cartridge is saturated, all four segments are flashing.
- › The key symbol indicates that a maintenance is due. The letters A to C inform about the necessary maintenance kit.
- › Extremely robust for global use even under toughest ambient conditions: dust- and splash proof, insensitive to salt, solar radiation, high humidity and sand.
- › Data Safe: The battery reading warns in time if battery change is required. The B-TIMER saves operating hours and maintenance intervals on its RAM in case of battery exchange or longer storage without battery.
- › Most simple mounting without piping or wiring - only screw driver required!.



TECHNICAL DATA

Type	Drive	FAD	RPM	Filling rate	Drive		Filter system TRIPLEX®	Dimensions (app. cm)			Weight net (app. kg)
					kW	PS		L	W	H	
max. 330 bar¹⁾		l/min³⁾	min⁻¹	min³⁾							
JUNIOR II - B	4-stroke-petrol ²⁾	100	2300	2,0	4,0	5,5	P21	78	34	42	44
JUNIOR II - E	3-phase	100	2300	2,0	2,2	3,0	P21	66	36	42	46
JUNIOR II - W	single phase	100	2300	2,0	2,2	3,0	P21	66	36	42	46
OCEANUS - B	4-stroke-petrol ²⁾	140	2300	1,4	4,0	5,5	P21	79	35	42	47
OCEANUS - E	3-phase	140	2300	1,4	3,0	4,0	P21	66	40	42	52
OCEANUS - W	single phase	140	2300	1,4	3,0	4,0	P21	66	40	42	52

1) available with switch over device 330 / 225 bar or 225 bar/330 bar alternatively

2) with telescopic intake tube and Subaru motor

3) Cylinder filling from 0 to 200 bar
Filling rate for 1 l cylinder capacity