

## 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	
<b>max. 330 bar<sup>1)</sup></b>		<b>l/min<sup>3)</sup></b>	<b>min<sup>-1</sup></b>	<b>min<sup>3)</sup></b>	<b>kW</b>	<b>PS</b>		<b>L</b>	<b>W</b>	<b>H</b>	
JUNIOR II - B	4-stroke-petrol <sup>2)</sup>	100	2300	2,0	4,2	5,7	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 <sup>2)</sup>	140	2300	1,4	4,2	5,7	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