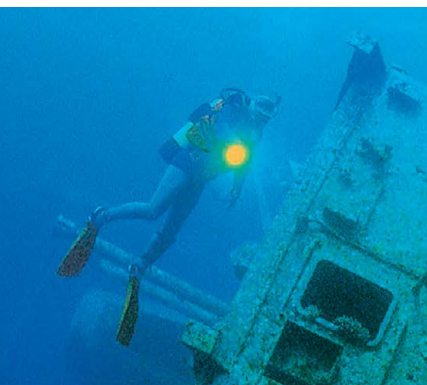


THE COMPACT LINE

Mobile power packs in convincing BAUER quality



- › 100 – 140 l/min
- › 225 / 330 bar
- › TOUGH
- › RELIABLE
- › WELL ESTABLISHED



COMPACT LINE – mobile breathing air compressors for high demands

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

They utilize the convincing B-TIMER, the mini computer which controls the cartridge change and maintenance intervals.

Convincing in quality and fittings

Uncompromising quality down to the last detail has made BAUER 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 the values outstanding wear.
- › Stainless steel Unimam filling hoses with swiveling outlet, safety filling connectors and integrated kink protection.
- › 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.¹
- › Moving parts such as v-belt, pulley and fan have optimal protection.
- › B-TIMER to indicate necessary filter cartridge change and unit service intervals.
- › Sealed safety valves after each compressor stage maximize operating safety.

¹ GS quality mark for the compressor in standard version and for selected options.



Stainless filling device



Sealed safety valve



TRIPLEX purification system for purest air

B-TIMER – Safety at a glance

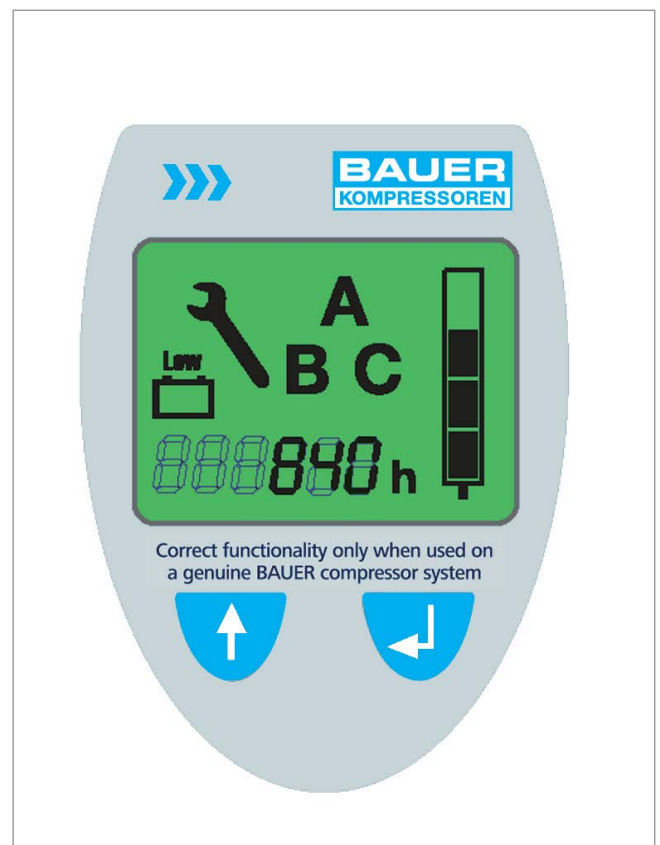
Filter cartridge change with B-TIMER: safe, simple and economic!

The mini computer counts the operating hours and measures accurately the cartridge saturation. Necessary cartridge exchange are clearly displayed.

- › The B-TIMER is specifically designed for the operating characteristics and purification systems of BAUER compressors.
- › Highly sensitive special sensor to monitor compressor starts and 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 the order number of the cartridge required is indicated. If the cartridge is saturated, all four segments are flashing.
- › The key symbol indicates when maintenance is due. The letters A to C inform about the necessary corresponding maintenance kit.
- › Extremely robust for global use even under tough 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 even in case of longer storage without battery.



B-TIMER



B-TIMER display

JUNIOR II – Custom tailored to mobile operations

**The most compact mobile unit of our
COMPACT LINE compressor range**



The JUNIOR II is a global classic with more than 100,000 units sold owing to its toughness and reliability.

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

The TRIPLEX purification system produces pure

breathing air according to DIN EN ISO 12021¹.

The JUNIOR II is a product based on more than 65 years of experience and strict BAUER Quality Management.

¹ Assuming proper maintenance and installation of the systems in accordance with operating instructions/operating manuals, in cases where intake air CO₂ concentration does not exceed the levels required by the applicable breathing air standard.

Convincing features and functions right from the standard scope of delivery

With an ergonomic support frame and the B-TIMER, a BAUER in-house development, the BAUER compressor delivers a high level of operating comfort and convenience even in the standard model.

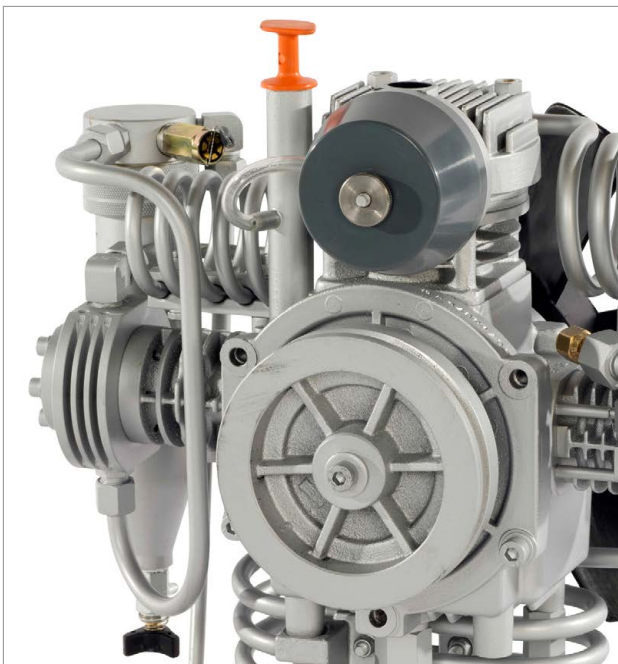
Select your preferred drive and desired pressure range, and upgrade your JUNIOR II if required to a semi-automatic system with automatic condensate drain system and automatic final pressure switch off.



Petrol engine



Compressor control for automatic condensate drain and switch off at final pressure, according to DIN EN 60204



JUNIOR compressor block

SCOPE OF SUPPLY	JUNIOR II
225 or 330 bar version alternatively	●
Switch over device 325/330 bar	○
Filling devices	1
Purification system TRIPLEX P 21	●
B-TIMER	●
Telescopic intake tube (combustion engine)	●
Frame and handle made of stainless steel	○
TÜV/GS certification ¹	●
Automatic condensate drain system and switch off at final pressure	○

● standard scope of supply | ○ optional

¹ GS quality mark for the compressor in standard version and for selected options

OCEANUS – Custom tailored to mobile operations

For professionals that require performance, toughness, mobility and higher air capacity!



OCEANUS delivers outstanding performance: with dimensions almost identical to JUNIOR II and only slightly higher in weight, its speed of filling one breathing air cylinder is around 40 % faster. OCEANUS is designed to go on vessels, diving boats and expeditions. The use of stainless steel for frame and kevlar

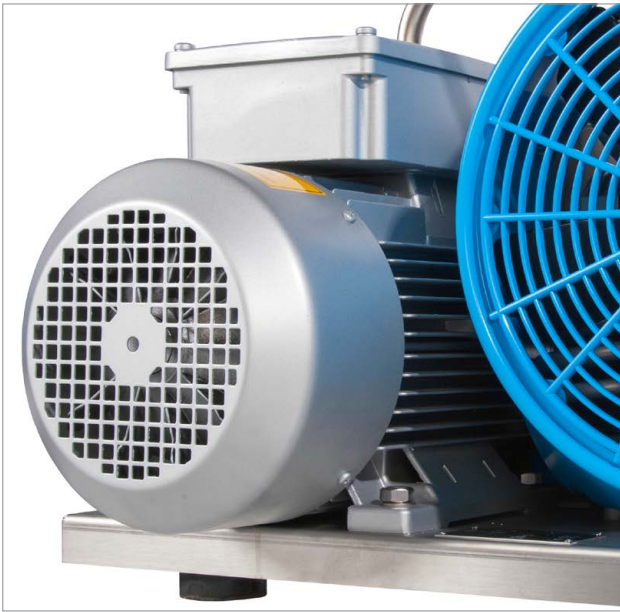
for filling device ensures excellent resistance from corrosion.

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

All the features you need for professional operation

OCEANUS expands the array of advantages already provided by JUNIOR II, adding a corrosion-resistant stainless steel frame and an oil pump to the standard scope of delivery.

Like JUNIOR, OCEANUS also features hallmark BAUER quality, ensuring maximum service life and low maintenance costs for your compressor system.



Three-phase motor



Oil filler neck with dipstick



Stainless steel frame

SCOPE OF SUPPLY	OCEANUS
225 or 330 bar version alternatively	●
Switch over device 325/330 bar	○
Filling devices	1
Purification system TRIPLEX P 21	●
B-TIMER	●
Telescopic intake tube (combustion engine)	●
Frame and handle made of stainless steel	●
Oil pump	●
TÜV/GS certification ¹	●
Automatic condensate drain system and switch off at final pressure	○

● standard scope of supply | ○ optional

¹ GS quality mark for the compressor in standard version and for selected options

BAUER service and original spare parts around the world

- › Global service network and spare parts supply located in more than 50 countries worldwide.
- › 25 years spare part supply guaranteed.
- › Only BAUER original parts ensure continued BAUER quality and long part service life for your BAUER systems.



Technical data

Model ¹	Drive	Charging rate ³	R.P.M	Filling rate ⁴	Drive		Purification system TRIPLEX	Dimensions (approx. cm)			Weight net.
					kW	HP		L	W	H	
max. 330 bar		l/min	min⁻¹	min	kW	HP					approx. kg
JUNIOR II-B	4-stroke-petrol ²	100	2300	2,0	4,2	5,7	P 21	78	34	42	44
JUNIOR II-E	3-phase	100	2300	2,0	2,2	3,0	P 21	66	36	42	46
JUNIOR II-W	single phase	100	2300	2,0	2,2	3,0	P 21	66	36	42	46
OCEANUS-B	4-stroke-petrol ²	140	2300	1,4	4,2	5,7	P 21	79	35	42	47
OCEANUS-E	3-phase	140	2300	1,4	3,0	4,0	P 21	66	40	42	52
OCEANUS-W	single phase	140	2300	1,4	3,0	4,0	P 21	66	40	42	52

¹ Final pressure 225 bar or 330 bar, also available with switch over device PN 200/300 bar

² integrated telescopic intake tube in standard scope of supply

³ cylinder filling from 0 to 200 bar
⁴ Filling rate for 1 l cylinder capacity

