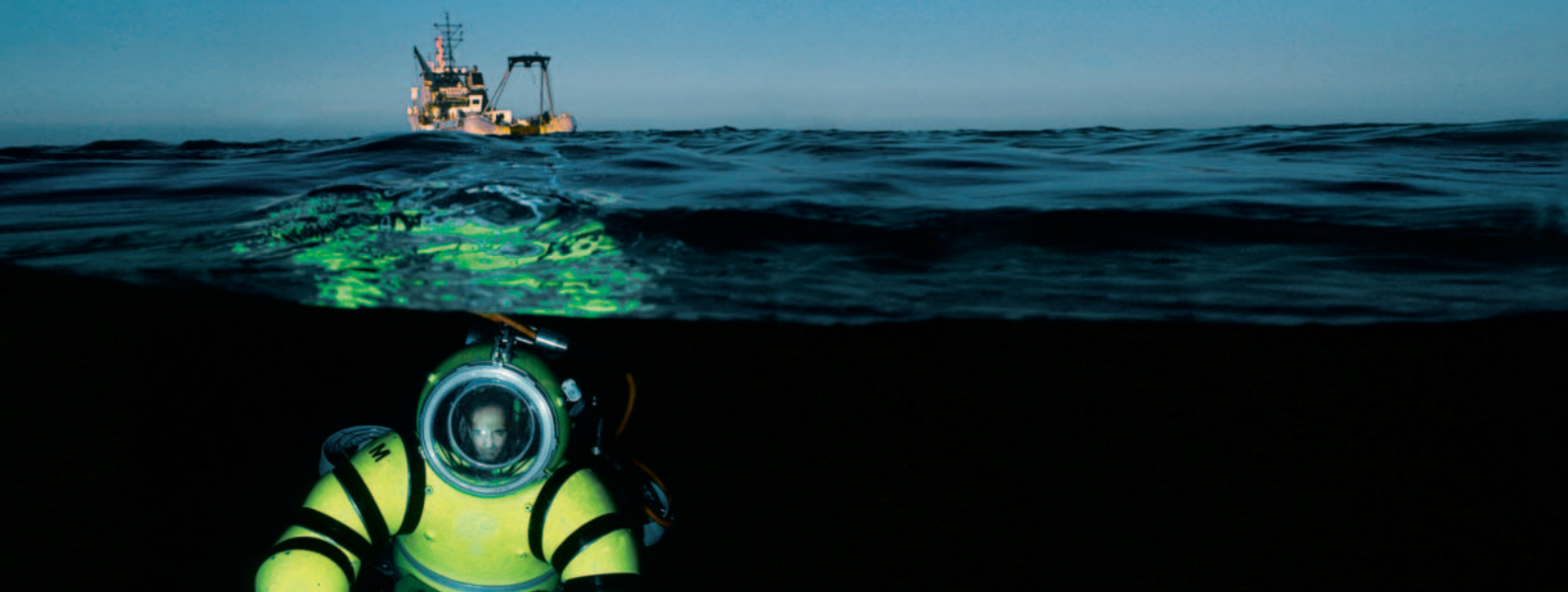


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# HELIOX and Breathing Air

## Marine, Offshore, Defence & General Industry

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*Atlas Copco*



**GREENFIELD**

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GREENFIELD is your specialist for high-pressure systems. With a century of experience in this business we have been able to maintain and even improve our strong market position providing total solutions – from a single compressor to complete systems.

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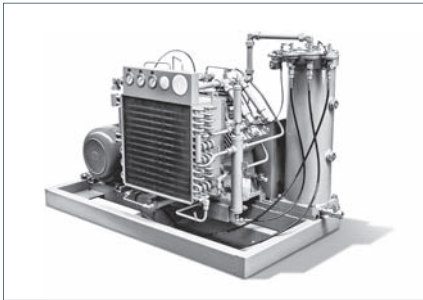
Today, GREENFIELD is the technology leader worldwide with its high-end premium products engineered in Switzerland.

With a century of experience in high-pressure technology and the fact of thousands of compressors installed worldwide, GREENFIELD is ready to serve your needs for peak performance and success in the market.

As part of the Atlas Copco Group GREENFIELD has global access to over 150 markets, which are served through our production facilities either in Europe or in the United States.

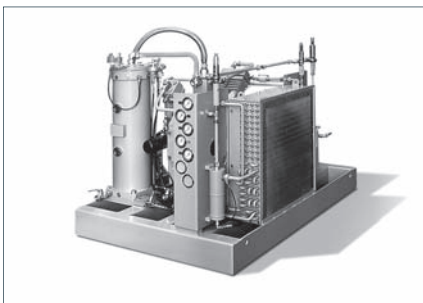
This comprehensive Sales and Service Network assures our customers direct access to the most reliable and technologically advanced equipment available.

## GREENFIELD HELIOX and Breathing Air Compressors



The HELIOX and breathing air compressors utilize GREENFIELD's decade's of experience on high pressure helium compressors. The compressors are specially designed for low density gases. The gas tight crank case design and the crank case vent line back to the suction side ensure no gas loss and no gas contamination.

The 5 stage compressors with low compression temperature have proven their reliability and long life cycle under the tough environment of the offshore and marine industry.



The optional dryer with oil and particle filter purifies the breathing air mixture to the EN 12021 standards.

← Model C5N210.

→ Model C5C116.

## Technical Data

Model		C5N210	C5C116
Maximum pressure	bara	220/330	220/330
	psig	3 200/4 800	3 200/4 800
Capacity FAD	Nm <sup>3</sup> /h	58	94
	scfm	37	60
Compressor speed	rpm	1 180	1 090
Motor power	kW	30	37
	hp	40	50
Dimensions	(L × W × H)	1 700 × 960 × 1 215	1 900 × 1 250 × 1 415
Weight	kg	840	1 640

Capacity is based on 1,013 bara and 0°C.

Alternative capacities and pressures are available upon request.



## Standard Features

- 5 stage compression
- Pressure-tight, sealed crankcase
- Frame-mounted unit with small footprint
- High efficiency air cooler
- Combined Suction/Discharge valves
- Electric Motor drive with v-belts
- Stainless steel tubing
- Set of gauges and safety valves on interstage and discharge side
- Pressure transmitter on suction and discharge side
- Temperature transmitter on discharge side
- Set of separators with automatic condensate drain
- Direct driven cooling-air fan
- Antivibration pads
- PED/ATEX conformity

## Available Standard Options\*

- Air and gas purification system acc. to EN 12021 standards
- Fully packaged HELIOX/Breathing air set
- Level controlled condensate tank drain
- Oil heater
- Control cabinet
- Acoustic canopy
- 3rd party inspection by TUV

\*Other non-standard options on request.

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## Benefits at a Glance:

- Pressure tight crank case design and crank case vent line back to the suction side ensure no gas loss and no gas contamination.
  - 5 stage compression for low compression temperatures
  - Designed for the tough offshore and marine environment
  - Air and gas purification system acc. to EN 12021 standards
  - Field-proven ruggedness and reliability
  - Simple, compact design
  - Easy to maintain
  - Anti vibration pads
  - Turn key installation
  - Long maintenance intervals
  - Low total cost of ownership
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GREENFIELD Europe  
[www.greenfield-comp.com](http://www.greenfield-comp.com)

Part of the Atlas Copco Group

