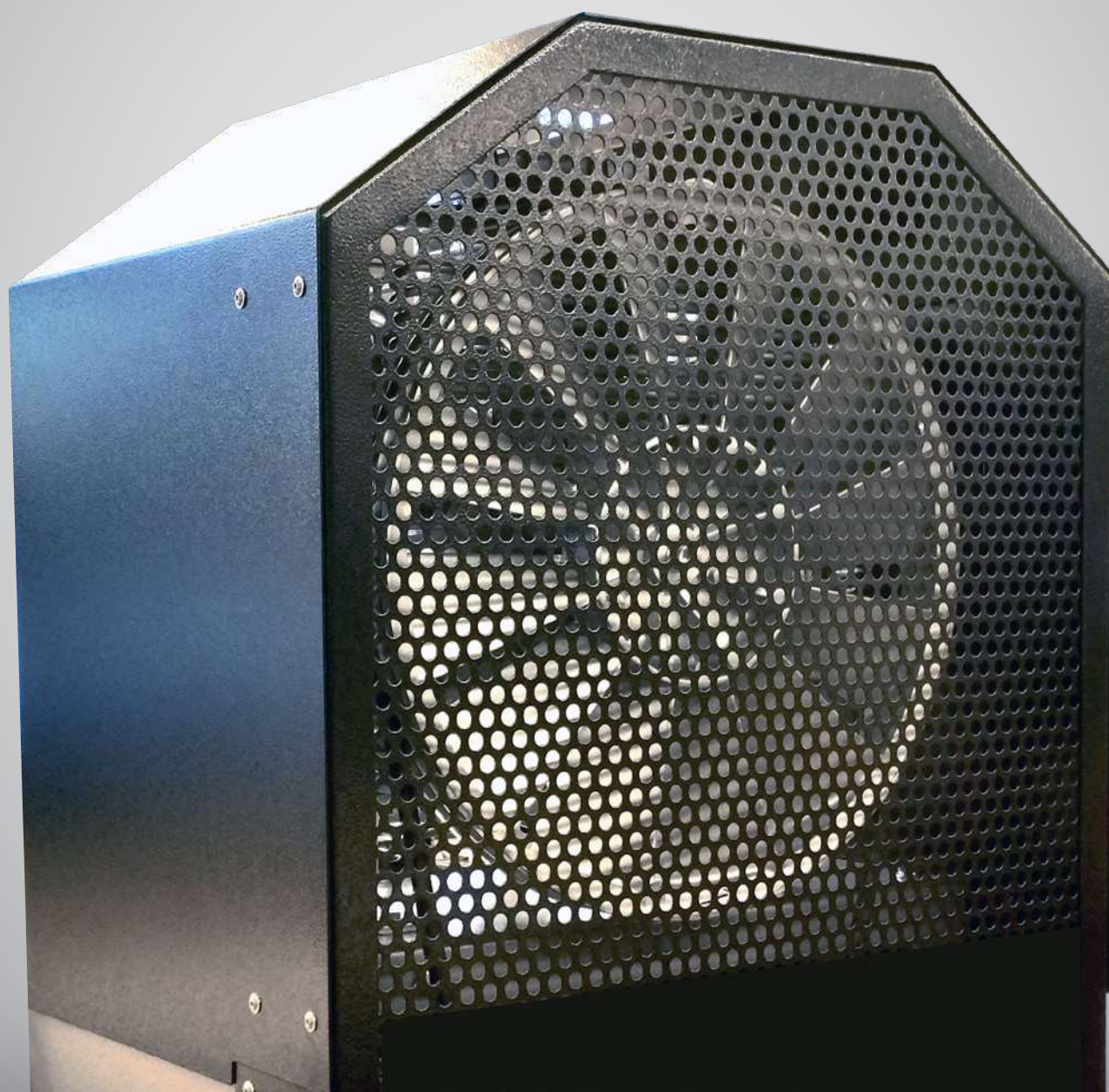


JUST BREATHE

WE TAKE CARE OF YOUR AIR

30
YEARS
ANNIVERSARY



IDE COMPRESSORS

IDE COMPRESSORS

DIE MANUFAKTUR

IDE Compressors is a family business with a rich history of ongoing development, technological creativity, and benchmark products. As a successful and innovative compressor manufacturer, IDE met the strict certification criteria and was accepted as a member of the "Verband Deutscher Manufakturen" (~Association of German Manufactories).

The term „Manufaktur“ stands for manual production to the greatest extent possible, highest quality, outstanding research and development potential, and innovation – the sheer opposite of large-scale production. In our plant, we manufacture products for people and organizations who want something special, the highest quality, and state-of-the-art technology in return for their invested capital.



IDE KOMPRESSORS

30 years with some ups and downs that we all mastered to eventually consolidate our successful position on the market.

Over the years we have gathered - and successfully implemented - a lot of experience, which makes us well equipped to deliver the high quality standards that we desire and that you can expect from a manufactory.

Challenge and test us, for our customers we are working AT HIGH PRESSURE.

OUR VISION

For now and the future we see ourselves as a modern, groundbreaking company that always welcomes change and new challenges.

We strive to ensure our family business' long-term success through ongoing development, specific product differentiation and constant availability of our service.

OUR QUALITY

Our customers' desires and demands mean a lot to us. We manufacture our products with utmost care and precision and in our own plant. We consider strict quality control and quality improvement as an engine for continuous development. Targeted training programs ensure professional results at the highest level.

OUR PRODUCTS

ideas, and application of modern technologies are the basis of our high reputation on European markets.

Constantly striving for process security, sound and reliable work at all corporate levels are the core of our company.

OUR CUSTOMERS

Comprehensive counseling and high-quality solutions make us a preferred partner for our customers. We process our orders reliably, apply the latest technologies, and follow all principles and precautions in terms of safety and environmental protection.



OCEAN PRO 140l/min

PORTABLE COMPRESSOR
WITH UNIQUE DESIGN



MAX 200 - 320 BAR

MAX RPM 2.150 MIN

MAX KW 3

MAX HP 5

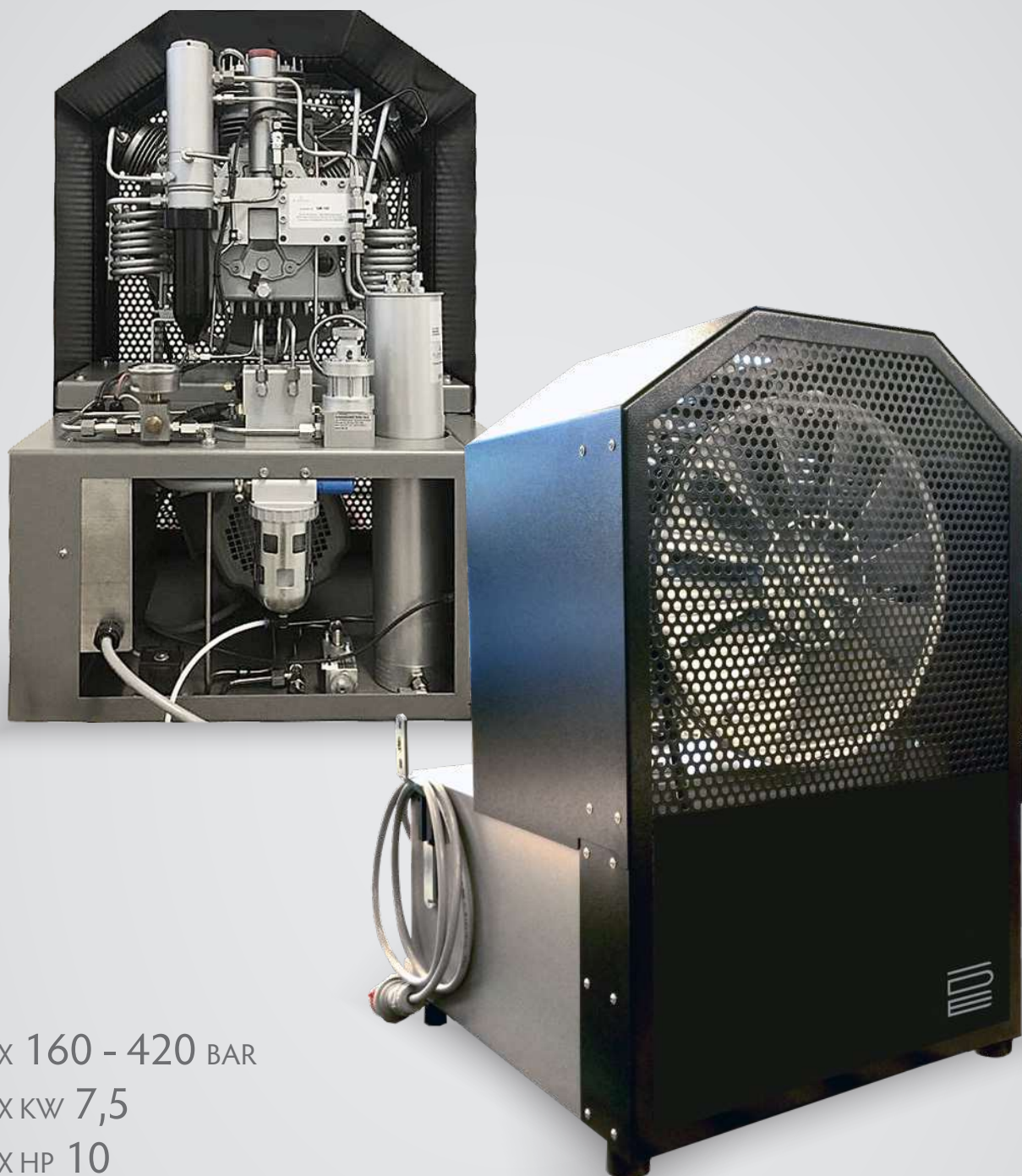
Are you looking for a compact, light-weight, and portable or stationary high-pressure compressor for breathing air, air or other gases? Are you one of those who know and appreciate exceptional things when you see them? Are you up for state-of-the-art technology? Then the OCEAN PRO series is for you! They are the only portable compressors in this compressor class that is as standard equipped with AIRSAVE BASIC an Dryercartridge saturation and Service interval monitor and control. Their compact design and saltwater-double powder coated sturdy frame make them a perfect choice for all kinds of settings, from yachts or expeditions to a permanent installation in an fire vehicle.



TMI MARINE

160 - 380 l/min

ROBUST, RELIABLE
WITH MANY OPTIONS



MAX 160 - 420 BAR

MAX KW 7,5

MAX HP 10

These extremely compact compressors feature the smallest dimensions in this performance class, they are mounted on a stainless steel frame, and they can be used to deliver purest breathing air or to compress other gases. Optionally, they can be equipped with a triple-S (smooth start system), which is especially useful for operation on a generator. The standard equipment includes automatic shutdown at discharge pressure, automatic condensate drain, and many other features. The TMI series compressors are ideal wherever high performance and sturdiness are needed, but space is limited, like on vehicles, yachts or safari boats. They are made entirely of stainless steel and aluminum, are additionally powder-coated and thus withstand even toughest environmental conditions



TVCO SERIES 450 - 850 l/min

EXTREMELY RELIABLE
IN CONTINUOUS USE



MAX 150 - 420 BAR

MAX KW 15

MAX HP 20



These stationary high-pressure compressors are our high-end models for Heavy duty continuous operation (24/7) industrial use. They deliver purest breathing-air or other gases, they offer highest output, they are extremely sturdy, reliable and user friendly. Equipped as standard with the IDE-HMI TCC Can Bus compressor control which is currently the only one in the world, one of the most modern and comprehensive controls based on Android. Automatic CO₂ scrubber at compressor start, automatic switch-off at discharge pressure, automatic condensate drain and AIRSAVE PRO E Filtercartridge saturation monitor are fitted as standard. Optional available the air-quality monitor AIRSAVE ULTIMATE for monitoring and control for CO, CO₂, O₂, NO, SO₂, humidity- water, oil-aerosols and burnable gases. These compressors are built for heavy-duty use and are in industrial settings.



TVCS SERIES

450 - 850 l/min
PERFECT PARTNER
IN INDUSTRIAL USE



NOISE LEVEL BELOW 70 db(A)
 MAX 150 - 420 BAR MAX
 MAX RPM 1.350 MIN MAX
 MAX KW 15
 MAX HP 20

We call them the gentle giants, because these stationary high-pressure compressors deliver a gigantic output of purest breathing-air, air or other gases at astounding Noise level below 70 db(A). They are built for heavy-duty use, are suitable for continuous operation, and are therefore as recommendable for industry, fire brigades or rescue teams as for professional scuba diving. Equipped as standard with the IDE-HMI TCC Can Bus compressor control which is currently the only one in the world, one of the most modern and comprehensive controls based on Android. Automatic CO₂ scrubber at compressor start, automatic switch-off at discharge pressure, automatic condensate drain and AIRSAVE PRO E Filter-cartridge saturation monitor are fitted as standard. Optional available the air-quality monitor AIRSAVE ULTIMATE for monitoring and control for CO, CO₂, O₂, NO, SO₂, humidity- water, oil-aerosoles and burnable gases. These compressors are built for heavy-duty use and are in industrial settings.



FILL-SAVE AND FILL-CONTROL

HIGHEST COMFORT WITH MAXIMUM SAFETY

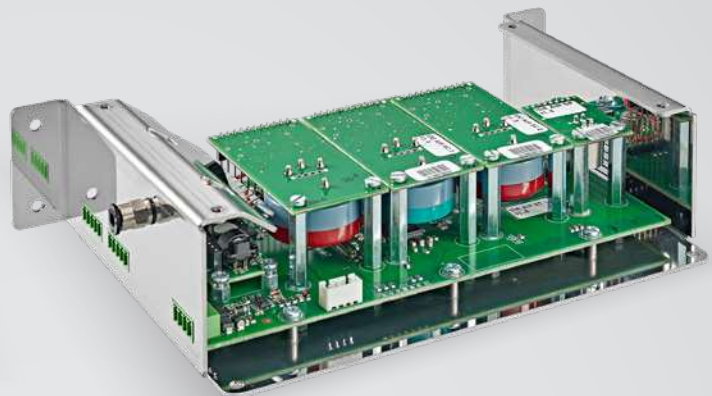


A novelty: FILL-CONTROL by IDE-Compressors is a new, fully automatic safety filling system controller. The new Ordinance on Industrial Safety and Health has been in force since June 2015. It places many strict requirements on operators of breathing-air filling systems and on the filling staff. One of them being that a set of data must be recorded before filling a scuba cylinder. FILL-CONTROL ensures that this happens fully automatically and that the operator and filling staff do not expose themselves to liability risks. All relevant data are recorded automatically, and breathing-air can only be filled when all data are complete. FILL-Control allows pre-filled breathing-air cylinders to be topped up within a permitted range. The cylinders cannot overheat, as highly precise temperature sensors constantly monitor their temperature throughout the filling process and regulate the filling rate accordingly. IDE filling ramps and/or the new minimized-handling FILL-SAFE safety filling box ensure maximum safety. Additional use of the IDE AIRSAVE ULTIMATE air-quality monitoring lowers any liability risk to an absolute minimum.



IDE AIRSAVE ULTIMATE

BREATH AIR QUALITY
ACCORDING TO DIN EN 12021-2014



For many years, operators deemed it sufficient to determine the content of contaminants and to check saturation of dryer cartridges once or a few times a year with detector tube indicators. However, if you read German and international standards carefully, you will see that this approach is far from sufficient. The European Standard DIN-EN12021-2014 is mandatory, and every operator of a filling station is obliged to ensure that the breathing-air meets the values specified in the standard at all times.

Every two seconds, using highest-quality sensors made in Germany, our online monitoring system checks the contents of CO, CO₂, O₂, NO, SO₂, water, and oil in aerosols (not just VOCs) in the compressed air behind the filter, as well as the saturation of the dryer cartridge. Optionally, upon the customer's request, the system can also monitor the CO₂ content of the intake air. Only systems like this can truly ensure that the filling system always delivers pure breathing-air in compliance with DIN EN 12021:2014 and other standards, and thus prevent liability risks for the operator.



Energy Efficiency ↑

~~Energy Costs~~

IDE HMI-TCC CONTROL

HUMAN MACHINE
INTERFACE



Cutting-edge, unparalleled, state-of-the-art CAN bus compressor and filling system controls help save energy and thus contribute to environmental protection. Highly sensitive, scratch-resistant, resistive GFG 7" GORILLA glass touchscreen with intuitive operation. To optimize operational safety, comfort, fault monitoring, and air-quality, we developed new compressor controls for stationary systems. The HMI control unit has a 7" multi-color touchscreen, several USB ports, Wi-Fi connection for software updates, readouts and visualization, and an interface for a CAN bus to connect a remote control module, ICA systems, and other extensions. This interface can be used, for example, to connect an external filling panel with the same features and options.



BAVARIA FUN & PRO

FOR SPORTS AND PROFESSIONAL DIVING

BAVARIA FUN II



MAX 200 - 320 BAR
PERFORMANCE 110 L/MIN
WEIGHT 48 kg

A portable and compact high-pressure compressor, devised for recreational applications, the Bavaria FUN II 100 is the right choice for paintballing, gun clubs or scuba diving from small yachts.

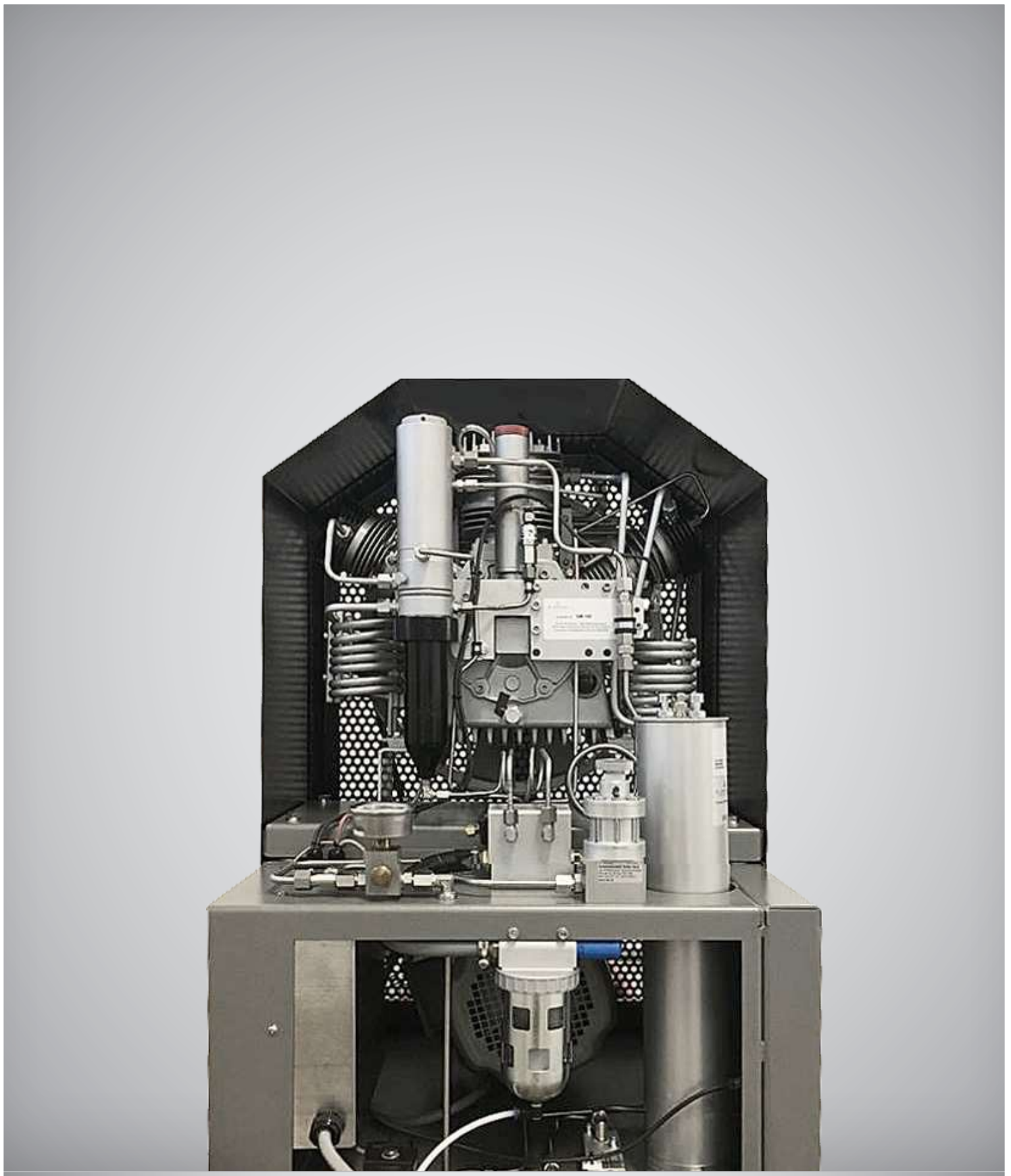
BAVARIA PRO



MAX 200 - 300 BAR
PERFORMANCE 160-320 L/MIN
GEWICHT 139 kg

A portable and compact high-pressure compressor, devised for professional applications like paintball, scuba shops, small and medium-sized yachts or for mobile use on fire engines, the Bavaria FUN II 100 is the right choice. Available with electric motor or petrol engine.

The Bavaria compressor series is designed for professional use and is reduced to the technical essentials without any gimmicks. State-of-the-art technology and efficient series production in modern production facilities in Bavaria and Austria guarantee the best workmanship and high degrees of operational safety, performance and value retention. Ask us about the other Bavaria models SPORT and SILENT.



IDE-KOMPLAN
High Pressure Solutions

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IDE COMPRESSORS