

compact
4-in-1
solution



COMBI XP

Screw Compressor

COMBI XP

PRODUCT FACTS

The new efficiency package:

- Direct drive with PM motor ✓
- Energy-saving speed control ✓
- Modern microprocessor ✓
- 5-year AirCare all-inclusive package ✓
- 4-in-1 solution ✓

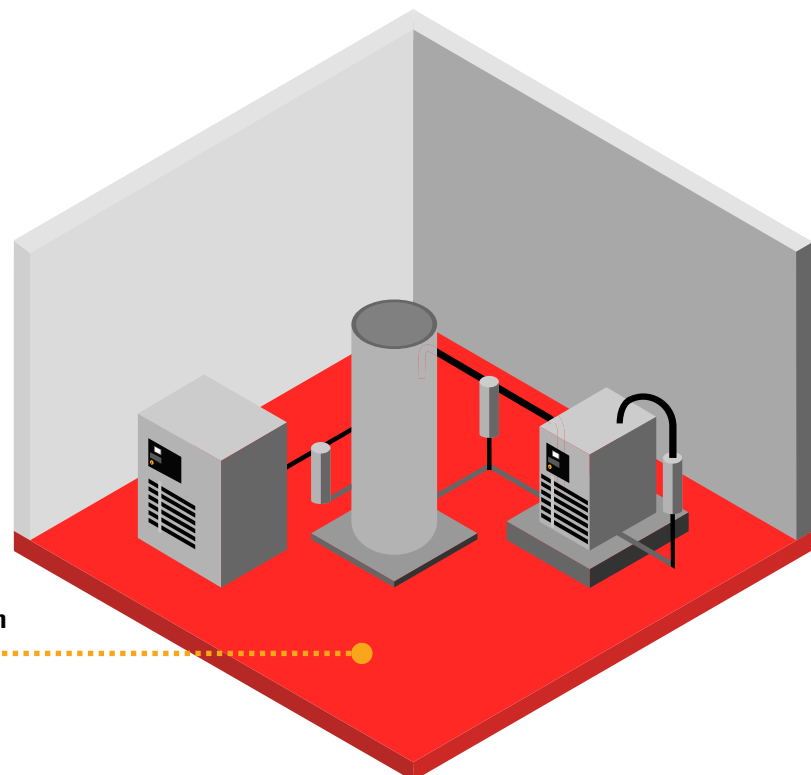
Our new screw compressor series COMBI XP offers an economical 4-in-1 solution from ALMiG. This compressed air station combines a compressor, a compressed air tank, a refrigeration dryer, and pre- and post-filters in a compact housing as standard. This way, it meets the high requirements for compressed air quality for pneumatic applications according to DIN ISO 8573-1.



4-in-1!

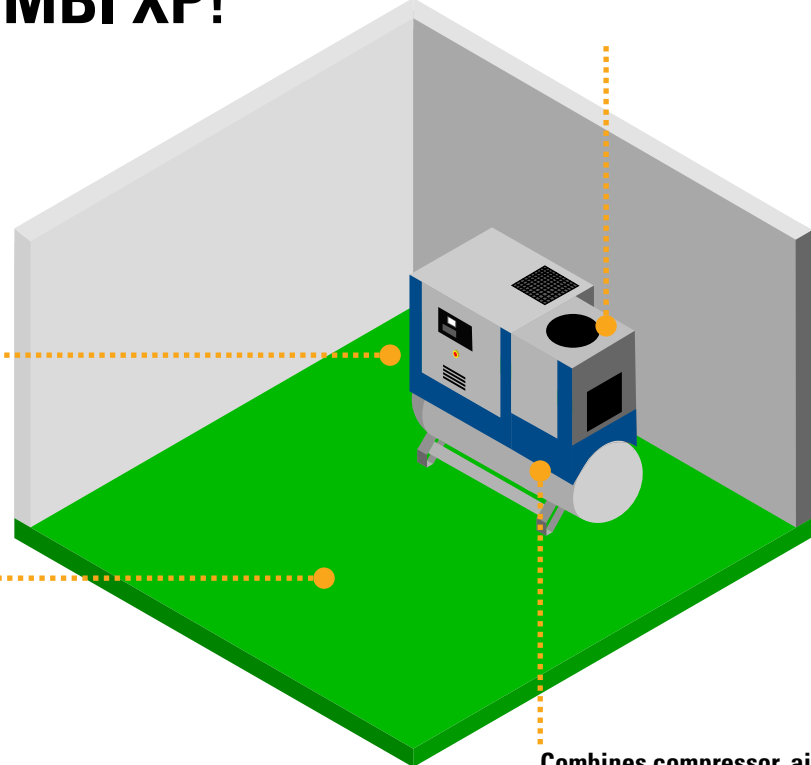
WHY COMBI XP?

Like this ...



Conventional layout, high space requirement.

... or the COMBI XP!



Versatility and low noise level

easy to transport

Space-saving design and flexible installation

Combines compressor, air receiver, refrigeration dryer, and pre- and post-filters

COMBI XP

COMPACT & EFFICIENT

Our COMBI XP is manufactured according to the latest **AD-2000 standard** and not only excels in exceptional robustness, but also contributes to the efficiency of this continuous compressor. The compact design allows for space-saving integration into various rooms, while the high efficiency minimizes energy consumption. In combination with extended test cycles of up to five years, you can significantly reduce your operating costs and take your business’s profitability to a new level.

MOTOR

- highly efficient direct drive
- energy-saving variable speed control
- 5-13 bar infinitely adjustable
- compact compressor stage
- 4 to 22 kW power range
- low noise level
- highly efficient permanent magnet motor directly connected to the compressor stage ➤ **no transmission losses**

With ALMiG SCD technology, you achieve energy savings of up to 35% through:

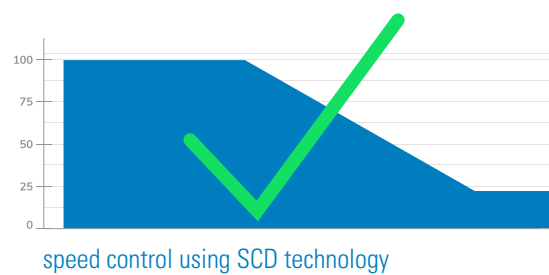
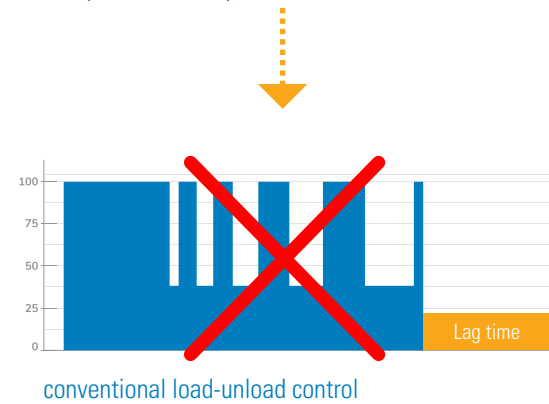
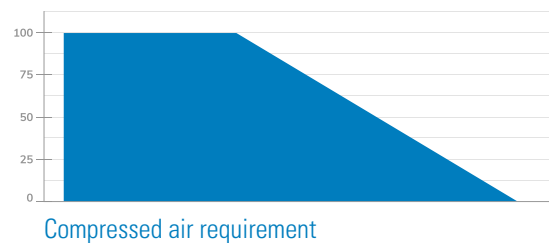
- speed control
- constant network pressure, infinitely adjustable from 5 to 13 bar
- high efficiency of the system
- no startup switching power peaks
- no costly downtime

COMPRESSOR

The COMBI-XP screw compressor series is the perfect solution for an efficient and reliable compressed air supply.

- The energy efficiency is comparable to IE4 or better
- The motor cooling is independent of the speed
- low weight
- small footprint

ENERGY-SAVINGS



COMBI XP

PRODUCT VARIATIONS

COMBI XP	volumetric flow rate according to ISO 1217 (Annex C-2009)			motor rated power	length	width	height	weight
	8 bar	10 bar	13 bar					
Model	m³/min	m³/min	m³/min	kW	mm	mm	mm	kg
4	0,20 - 0,59	0,18 - 0,53	0,7 - 0,41	4	1530	640	1520	465
6	0,18 - 0,78	0,18 - 0,69	0,17 - 0,59	5,5	1530	640	1520	470
8	0,17 - 1,16	0,17 - 0,98	0,14 - 0,75	7,5	1530	700	1640	585
11	0,29 - 1,67	0,29 - 1,46	0,27 - 1,17	11	1530	700	1640	590
15	0,45 - 2,23	0,45 - 2,02	0,43 - 1,69	15	1530	700	1640	595
18	0,58 - 3,25	0,57 - 2,73	0,54 - 1,95	18,5	1860	740	1980	800
22	0,68 - 3,72	0,70 - 3,43	0,69 - 2,63	22	1860	740	1980	810



COMBI XP 4-6



COMBI XP 18-22



COMBI XP 8-15

Coming soon:
Also available as a stand-alone
version. Without dryer, without
air tank!

COMBI XP

INTELLIGENT DESIGN

**compact
compressor-stage**
The heart of the system with
excellent efficiency



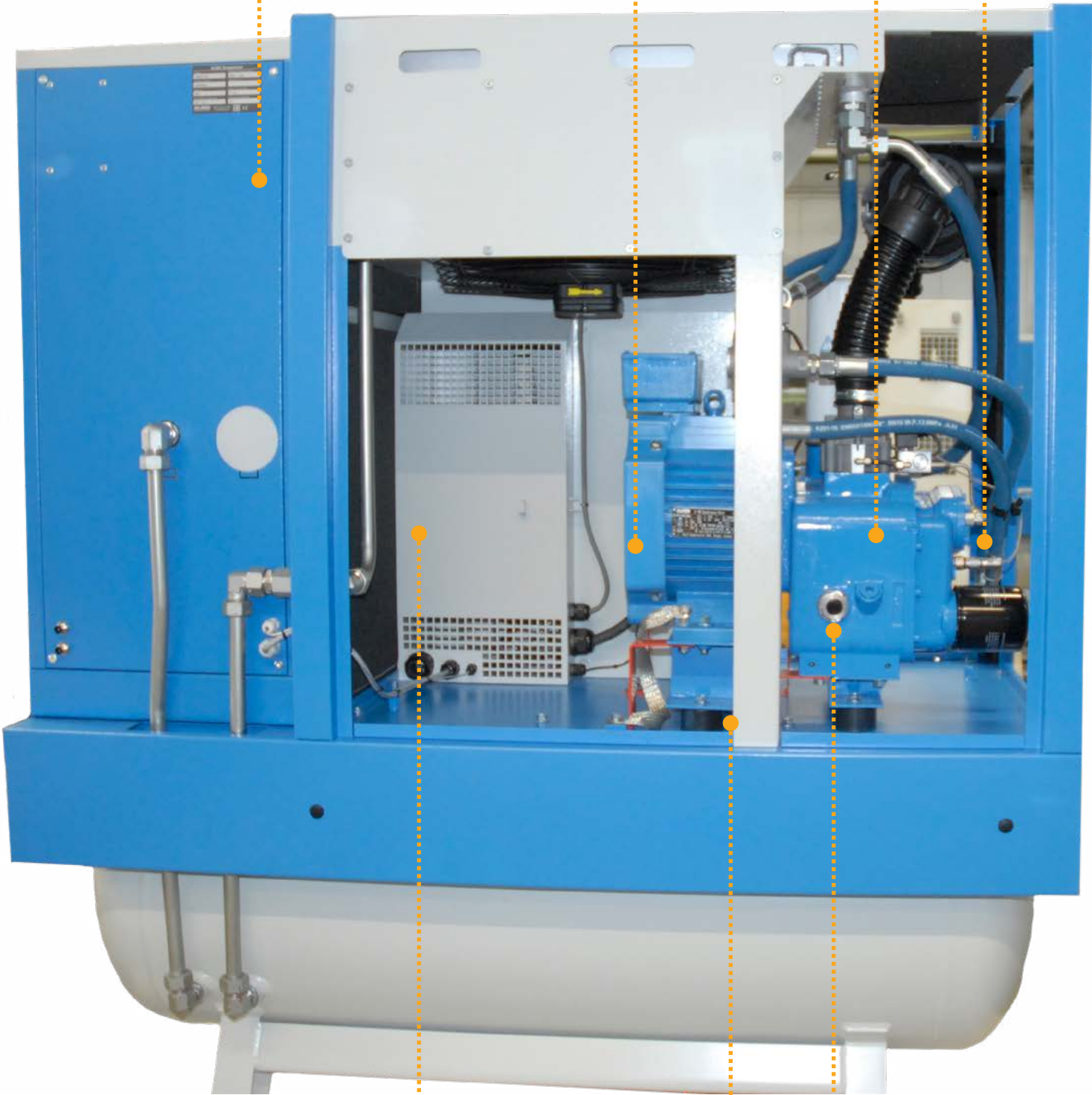
**Refrigeration dryer
including treatment.**

**Highly efficient permanent
magnet motor**
Optimally cooled at every speed
through oil cooling

Direct drive
for loss-free power
transmission

**Easy accessibility for
maintenance work**

Air Control B
intelligent control that
monitors and visualizes



SCD-frequency inverter
for the precise adjustment of the
delivery volume

vibration dampers
for decoupling the
motor/compressor unit

**sight glass for easy oil level
monitoring**



AIR CONTROL B
Standard

To Website



QUALITY AND INNOVATION MADE **IN GERMANY.**



Decades of experience

ALMiG is a leading provider in compressed air technology with decades of experience. Companies worldwide rely on our customer-oriented solutions, quality, innovation, and flexibility. Our compressor technologies offer excellent performance, high energy efficiency, and are resource-saving.



Continuous development

Continuous research and development form the foundation for ALMiG's efficient systems. With our industry expertise, we offer customized solutions for businesses of all sizes – from small craft enterprises to large-scale industries.



Comprehensive service

ALMiG provides comprehensive services – from consulting and maintenance to energy efficiency optimization. As a reliable partner, we support the success of our customers.



Sustainability and environmental awareness

ALMiG focuses on efficiency and sustainability. We continuously develop energy-saving and environmentally friendly compressors with enhanced performance. Our oil-free compressors and compressed air treatment components are constantly optimized to minimize environmental impact.



ALMiG AirCare **GARANTIE**

Extend the warranty of your compressed air system to a total of 5 years - that way you are on the safe side.

The ALMiG AIRCARE package gives you the opportunity to make claims for rectification of defects even after the statutory warranty period has expired. Keep a full overview of your service costs and avoid any nasty surprises.

The special thing about ALMiG AIRCARE is that this extension not only covers the newly acquired ALMiG compressor(s), but also additionally includes associated components such as

- External heat recovery modules
- Refrigeration dryer
- Adsorption dryers
- Oil-water separation systems
- Steam traps

With a clearly calculable budget, you can excellently combine our maintenance packages and the AirCare warranty extension to precisely map the life cycle costs of your compressed air station in advance.

The AirCare warranty also includes:

- Immediate repairs
- Necessary spare parts deliveries free of charge
- Working hours for diagnosis and repair of the compressor
- Travel costs (distance of max. 100 km and a travel time of max. 2 hours (one way) are included in the AirCare)

Secure our AirCare warranty extension directly with your purchase, within the first three months, and don't miss out on the unique opportunity of our warranty package. Do not hesitate to ask your ALMiG specialist for the exact conditions.

You too can rely on the five-year AirCare package.



SUSTAINABILITY IN COMPRESSED AIR TECHNOLOGY

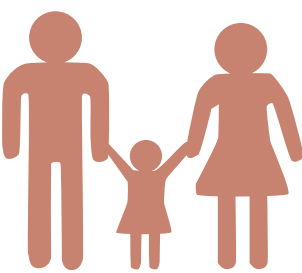
Our Guide

ALMiG Compressors GmbH, as a leading manufacturer of compressed air systems, focuses on sustainable development and environmental responsibility. This report outlines our sustainability initiatives, achievements, and future goals for promoting environmental protection while maintaining our position as an innovative force in the compressed air industry.



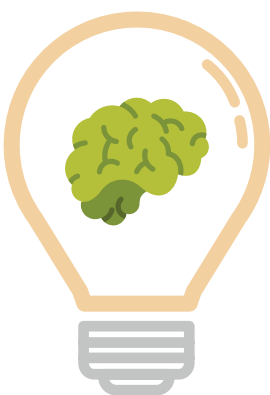
SOCIAL COMMITMENT

As a leading manufacturer of compressed air systems, we combine economic success with environmental responsibility. Through innovative technologies and sustainable initiatives, the company sets new standards in the industry, while consistently pursuing its environmental goals and strengthening its position as a leader in innovation.



SOCIAL RESPONSIBILITY

We support our employees through training, health initiatives, and professional development.



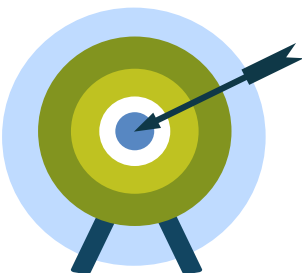
ENVIRONMENTAL AWARENESS

Our products combine high performance with energy efficiency. Through innovative compressed air solutions, frequency-controlled compressors, and intelligent control systems, we minimize energy consumption and CO2 emissions for our customers.



WATER RESOURCES MANAGEMENT

Water is one of our most valuable resources. At ALMiG, we place great importance on minimizing water consumption in our production processes.

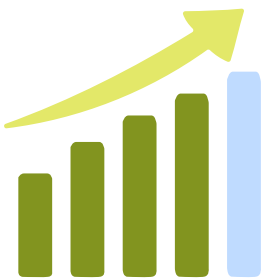


PEOPLE AND SOCIETY IN FOCUS

ALMiG is committed to fair working conditions, employee health, and social projects in the region, working together to promote sustainable change.

FUTURE THROUGH INNOVATION

Innovation drives ALMiG's sustainable future. Through continuous investments in R&D, we develop energy-efficient, environmentally friendly technologies.



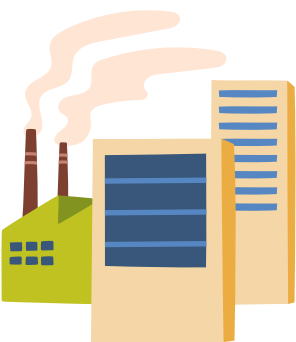
CERTIFICATION ACCORDING TO DIN EN ISO 14001:2015

Our certification according to DIN EN ISO 14001:2015 confirms our commitment to environmental management and sustainability. It ensures that we systematically pursue and continuously improve our environmental goals.



SUSTAINABILITY IN PRODUCTION

We rely on sustainable production processes, reducing the consumption of water and energy, and meeting the highest environmental standards. Our manufacturing is continuously optimized to minimize waste and emissions.



SUSTAINABLE PARTNERSHIPS

ALMiG collaborates with partners to promote sustainable solutions and take on ecological responsibility throughout the value chain.



Would you like to learn more about us?

Then visit our website: www.almig.de or simply scan this QR Code.



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Subject to errors and changes.