ALMiG
Compressor Systems

COMBI XP

Screw Compressor

Compact 4-in-1 Solution



10 YEARS AirCare
CERTIFIED WARRANTY
COVERED BY ALMiG
TERMS & CONDITIONS APPLY

NEXT GENERATION
COMBI XP

MARKET-LEADING EFFICIENCY
Significantly reduced energy consumption compared to conventional systems

GUARANTEED SAVINGS
No costly idle times thanks to speed control

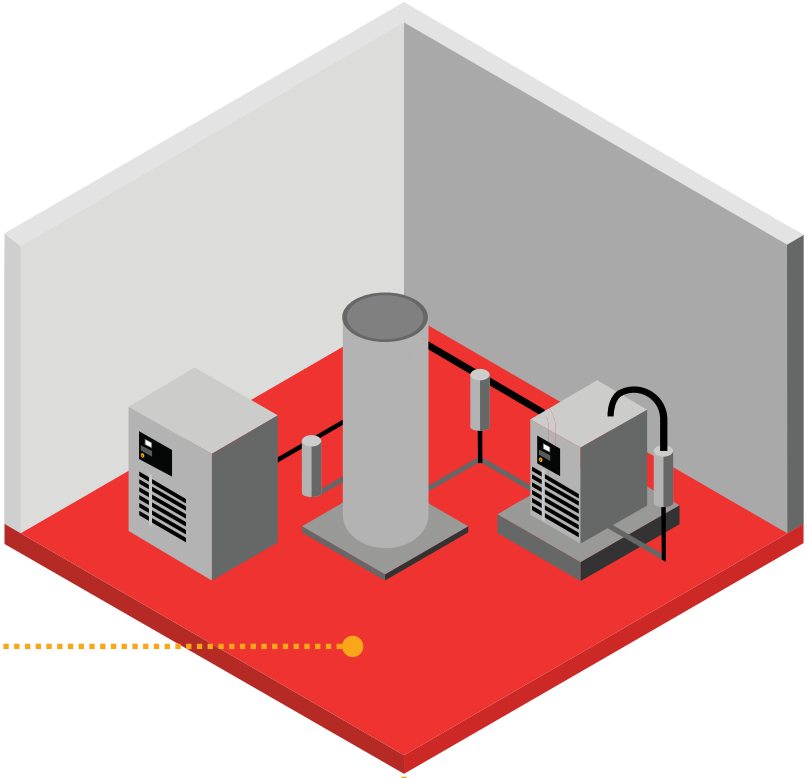
PLUG & PLAY INSTALLATION
Ready for operation in no time

MINIMAL SPACE REQUIREMENTS
Our 4-in-1 solution fits into almost any compressor room



WHY COMBI XP?

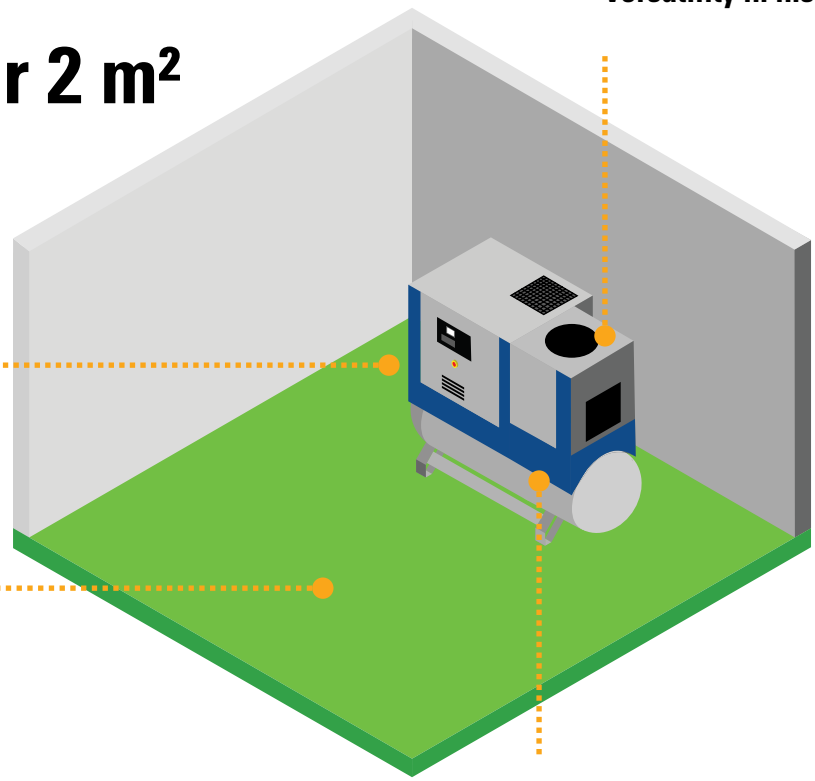
Conventional setup: **ca. 12 m²**



Conventional layout, high space requirement.

COMBI-XP: **under 2 m²**

Versatility in installation



Easy transport

Space-saving design and flexible installation

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

COMBI XP
COMPACT & EFFICIENT

Our COMBI XP impresses with its high robustness and efficiency – the integrated compressed air receiver is manufactured in accordance with the latest AD 2000 standard. Its compact design saves space, and its efficiency reduces energy consumption. While the compressed air receiver only requires inspection every five years, the machine itself is still subject to annual testing – nevertheless, this significantly lowers operating costs.

Next-Gen Direct Drive

- Corresponds to IE4 motor efficiency class
- Highly efficient direct drive without transmission losses
- Precise pressure adjustment possible (5–13 bar)
- Low maintenance – only every 2,000 to 4,000 hours*
- Freely selectable between 4 and 22 kW

Compressor

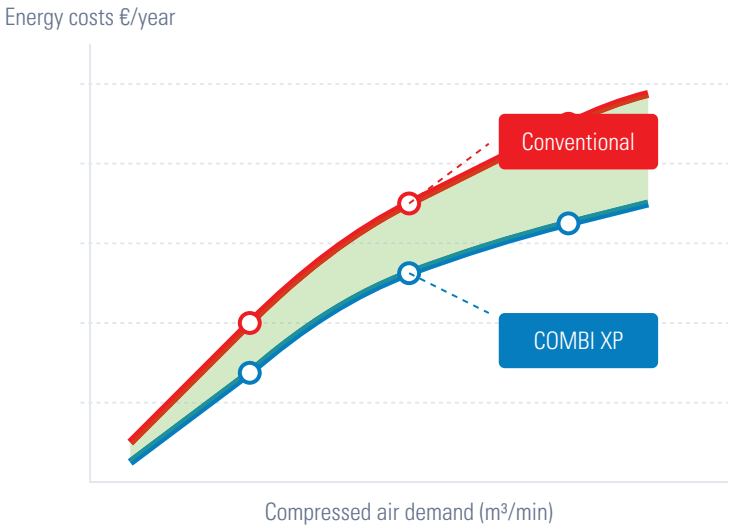
The COMBI XP screw compressor series is the perfect solution for efficient and reliable compressed air supply.

- Exceeds IE4 standard by 8%
- Consistent performance at any temperature
- 40% lighter than competitors
- Small footprint
- Dry air guaranteed (3–5 °C dew point)

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

- Speed control
- Constant network pressure, steplessly adjustable from 5 to 13 bar
- High system efficiency
- No start-up switching power peaks
- No costly idle times

Energy cost comparison



Annual savings potential

* COMBI XP 4–6: maintenance every 2,000 operating hours | COMBI XP 8–22: maintenance every 4,000 operating hours

COMBI XP

PRODUCT VARIATIONS

COMBI XP	Volume flow 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	790	643	961	240
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	790	643	961	270
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	1051	691	1088	350
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	1051	691	1088	380
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	1051	691	1088	410
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	1130	740	1344	500
18	0,58 - 3,25	0,57 - 2,73	0,54 - 1,95	18,5	1860	740	1980	800
22*	0,72 - 3,94	0,70 - 3,43	0,69 - 2,63	22	1130	740	1344	520
22	0,72 - 3,94	0,70 - 3,43	0,69 - 2,63	22	1860	740	1980	810

*Variants without tank and dryer



COMBI XP 4 - 6



COMBI XP 8 - 15



COMBI XP 18 - 22



COMBI XP 4 - 6
270 D



COMBI XP 8 - 15
270 D



COMBI XP 18 - 22
500 D

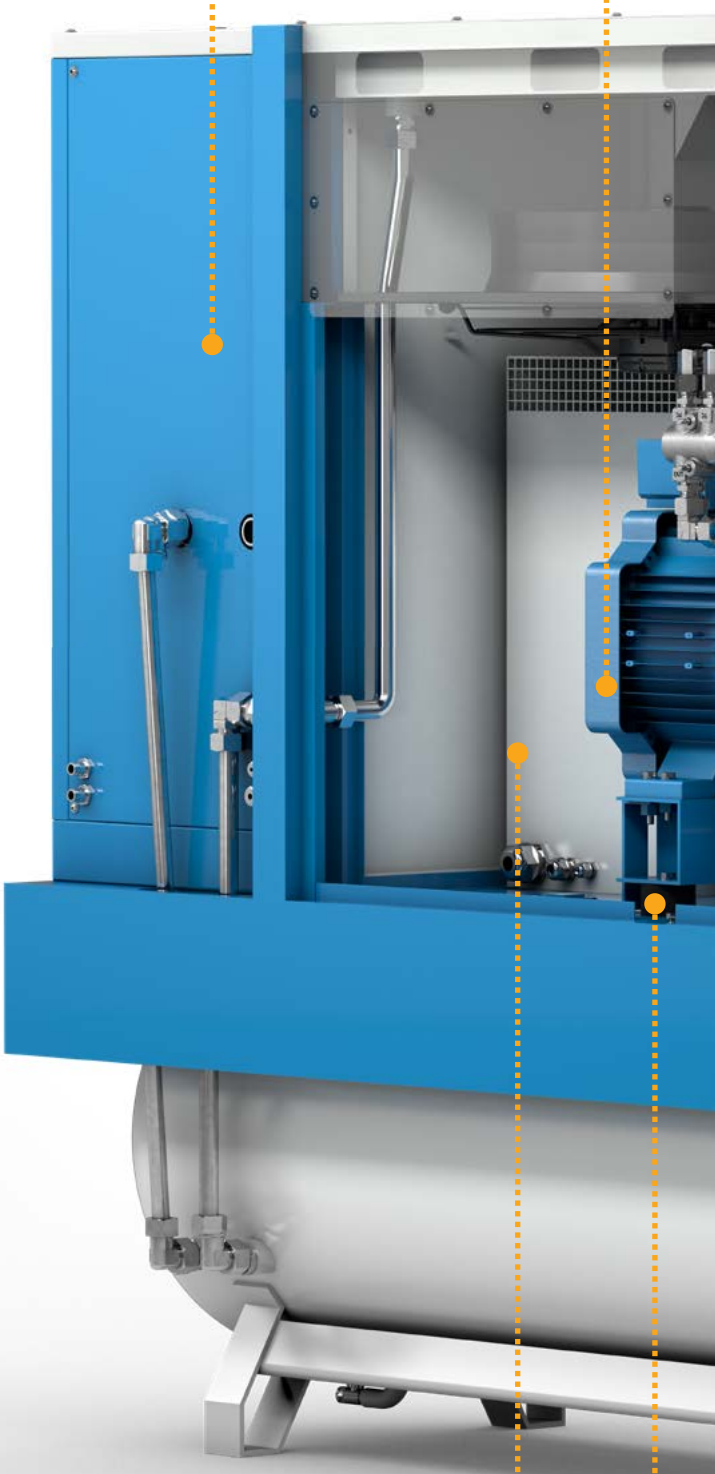
COMBI XP
INTELLIGENT DESIGN

Compact compressor stage
the heart of the system with excellent efficiency



Highly efficient air-cooled permanent magnet motor
is optimally cooled at every speed

Refrigeration dryer including treatment

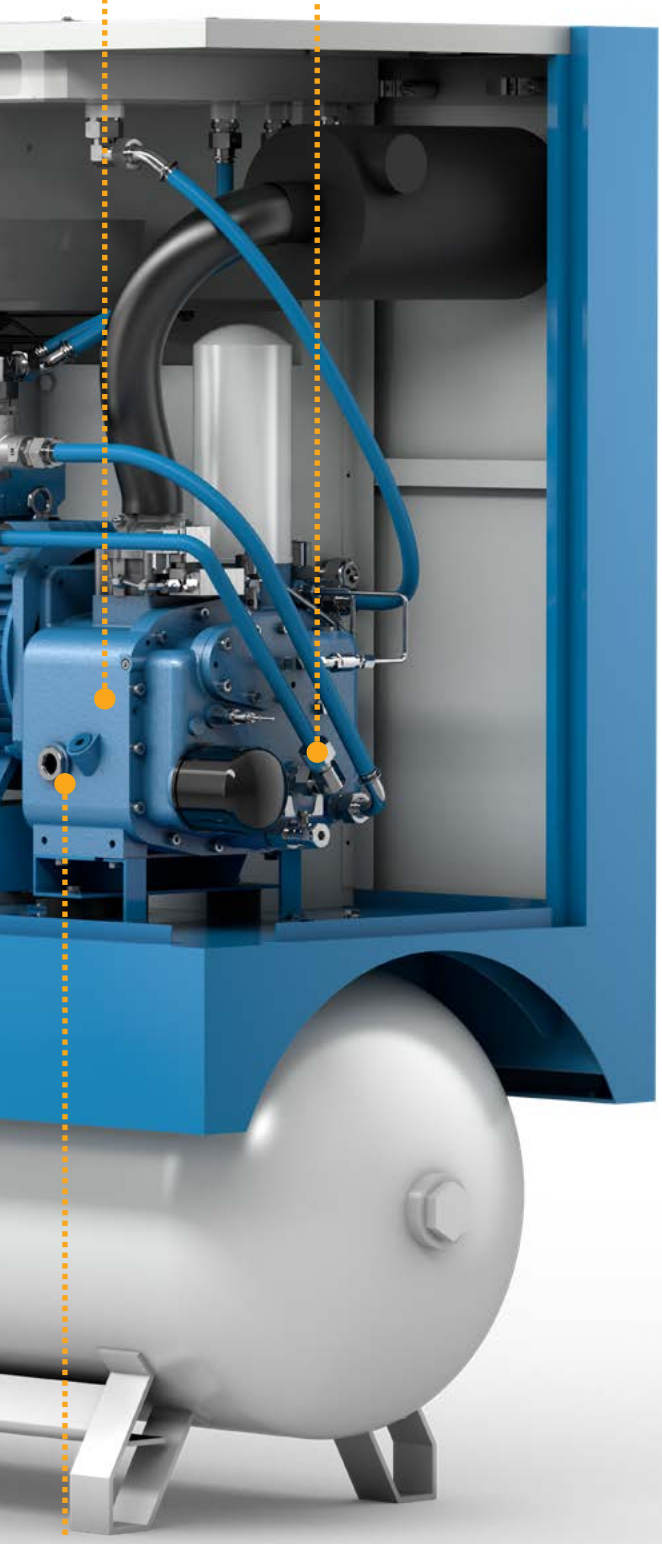


SCD frequency converter-
Speed control for precise adjustment of the delivery volume

Vibration dampers
to decouple the motor/ compressor unit

Direct drive
For loss-free power transmission

Easy accessibility for maintenance work



Sight glass for easy fill level monitoring

AirControl Standard
Microprocessor control
The intelligence of the compressor: thinks, monitors, documents



AirControl Advanced (optional)
Microprocessor control
The AirControl A is available as an option for more demanding applications.



To the 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-focused solutions, quality, innovation, and flexibility. Our compressor technologies deliver excellent performance, high energy efficiency, and conserve resources.

Continuous development

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



Comprehensive service

ALMiG offers comprehensive services - from consulting and maintenance to optimizing energy efficiency. As a reliable partner, we support the success of our customers.

Enviromental awareness

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

ALMIG AirCare GUARANTEE

Extend the warranty on your compressed air system to up to 10 years – so you're on the safe side.

The ALMiG AirCare package allows you to make claims for the rectification of defects even after the statutory warranty period has expired. Keep full track of your service costs and avoid any
nasty surprises.

What makes the ALMiG AirCare is that this extension covers not only the newly purchased ALMiG compressors, but also associated components such as

- External heat recovery modules
- Refrigeration dryers
- Adsorption dryers
- Oil-water separation systems condensate drains

In addition to the supply of spare parts under warranty, AirCare also covers the following:

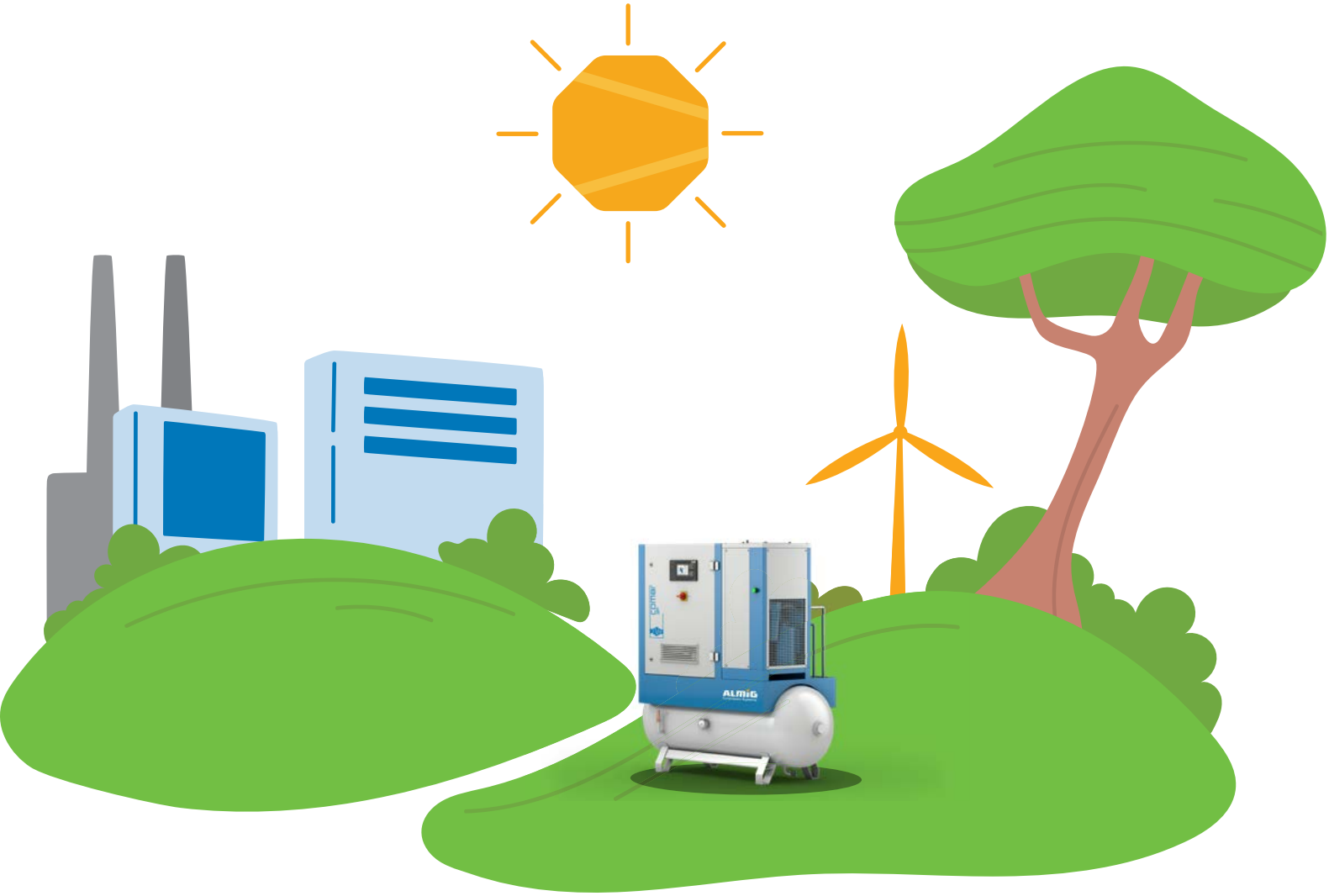
- Immediate repairs
- Necessary spare parts deliveries under warranty, delivered free of charge
- Labour costs for diagnosis and repair of the compressor
- Travel costs (a distance of up to 100 km and a journey time of up to 2 hours (one way) are included in AirCare)

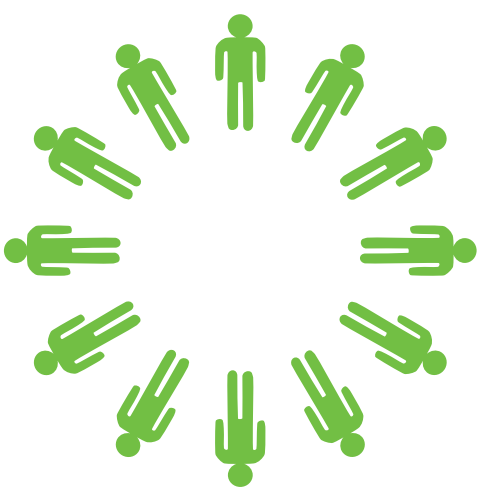
Please do not hesitate to ask your ALMiG contact for the exact terms and conditions.

Further information can be found in our AirCare warranty terms and conditions.



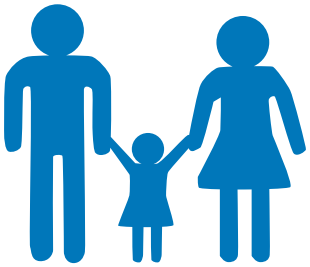
SUSTAINABILITY IN COMPRESSED AIR TECHNOLOGY





Social commitment

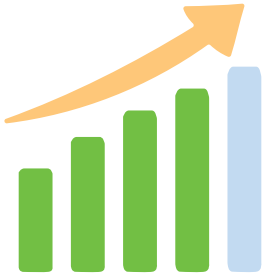
As a leading manufacturer of compressed air systems, we combine economic success with environmental responsibility. With innovative technologies and sustainable initiatives, the company sets new standards in the industry while consistently pursuing its environmental goals and strengthening its position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



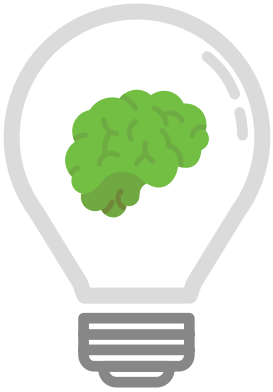
Social responsibility

We support our employees with training and health initiatives and place great importance on work-life balance as well as a positive work environment.

Future through Innovation



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



Efficiency and Environmental Awareness

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

ISO 14001:2015 Certification



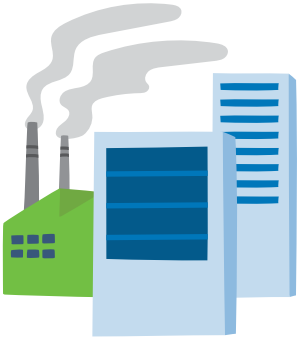
Our certification according to DIN EN ISO 14001:2015 confirms our commitment to environmental management and sustainability. It ensures that we systematically pursue and continuously improve our environmental goals.



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.

Sustainability in Production



We rely on sustainable production processes and reduce the consumption of water and energy. Our manufacturing is continuously optimized to minimize waste and emissions.



People and Society in Focus

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

Sustainable Partnerships



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

Would you like to learn more about us?

Then visit our website at
www.almig.com
or simply scan this QR code.

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