



compressoren



APS X G3 SERIES
PREMIUM ENGINEERING
SMART INVESTMENT



APS X G3

AIRPRESS VARIABLE SPEED ROTARY SCREW COMPRESSORS

INDUSTRIAL POWER, EFFICIENCY, AND RELIABILITY AT A TRULY COMPETITIVE PRICE.
SERVICE PLAN INCLUDED - PREDICTABLE COSTS AND PEACE OF MIND.

Your benefits:

- **Lower cost per m³ of air** thanks to high efficiency
- **Predictable operating costs** - fixed rates, no surprises
- **Fewer stoppages** - preventive maintenance and fast parts availability
- **Long service life & stable output** - performs like day one
- **Consistent air quality** - protects downstream equipment

Local service & parts availability:

- **Local service network in selected countries** - trained technicians for quick on-site support
- **Spare parts in stock** - regional warehouse and partner inventory for fast dispatch
- **Critical consumables available** - filters, oil, separators, and kits ready to ship to minimize downtime

TCO (TOTAL COST OF OWNERSHIP) - YOUR GAIN:

TCO = PURCHASE + ENERGY + SERVICE/CONSUMABLES + DOWNTIME



With Airpress, you cut each component: efficient design reduces energy use, the included service plan stabilizes maintenance costs, high reliability reduces downtime, and lifetime value lowers overall costs.



EFFICIENCY CLASSES

according to IEC 60034-30-1 standards

IE5 Ultra Premium Efficiency

IE4 Super Premium Efficiency

IE3 Premium Efficiency

IE2 High Efficiency

IE1 Standard Efficiency

Non-standard

APS X G3



Maximum efficiency & energy savings

- IE5 Ultra Premium Efficiency motors
- Latest generation air-ends for higher airflow with reduced energy use
- Direct-drive transmission for maximum efficiency
- Optimized air and oil circuits
- Equipped with state-of-the-art inverters



Smart digital control & cybersecurity

- Intuitive interface for effortless operation
- Real-time monitoring and predictive diagnostics
- Clear error messages thanks to full inverter integration
- Secure webserver for remote access and visualization
- Simplifies service, increases reliability, extends lifetime



Quiet operation

- Low-speed air-ends and radial cooling fans deliver some of the lowest noise levels in the class
- Low-noise operation enables installation near the point of use



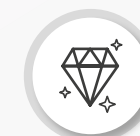
Lower total cost of ownership (TCO)

- Energy efficiency ensures less electricity is needed for the same air output
- Premium components provide reliability, reduce maintenance costs, and maximize performance



Compact & modern design

- Designed for maximum performance and reliability
- Space-saving format allows easy installation even in limited areas



Unbeatable value

- Premium components and outstanding performance
- The best balance of quality, reliability, and efficiency in its class

PRECISION IN EVERY DETAIL

AIR CONTROLLER WITH WEBSERVER

Modern, intuitive controller designed for managing screw compressors. The built-in webserver enables advanced monitoring and diagnostics of the compressor in real time. The controller can also be used on this machine with the extra possibilities.



RADIAL VENTILATION

Combines the highest cooling efficiency with reduced energy consumption and very low noise levels. The ventilator layout depends on the model (side or top positioning).



SOUNDPROOF AND ANTI-DUST HOUSING

Reduces compressor noise significantly during operation. Reduces compressor noise and protects against dust during operation.

HERMETIC SEALS

Prevent ingress of dust, moisture, and other contaminants. This ensures reliable operation, minimizes risk of short-circuits or component degradation, and extends the service life of the electrical system.



TWO-SECTION OIL-AIR COOLER

Enhances efficiency by separately cooling the oil and air, preventing overheating, improving performance, and extending the compressor's lifespan.



INVERTER WITH TEXT-BASED CONTROL

In combination with permanent magnet motors, the highest quality inverter guarantees maximum efficiency and energy savings across the entire speed and load range.

DIRECT FIT CONNECTION

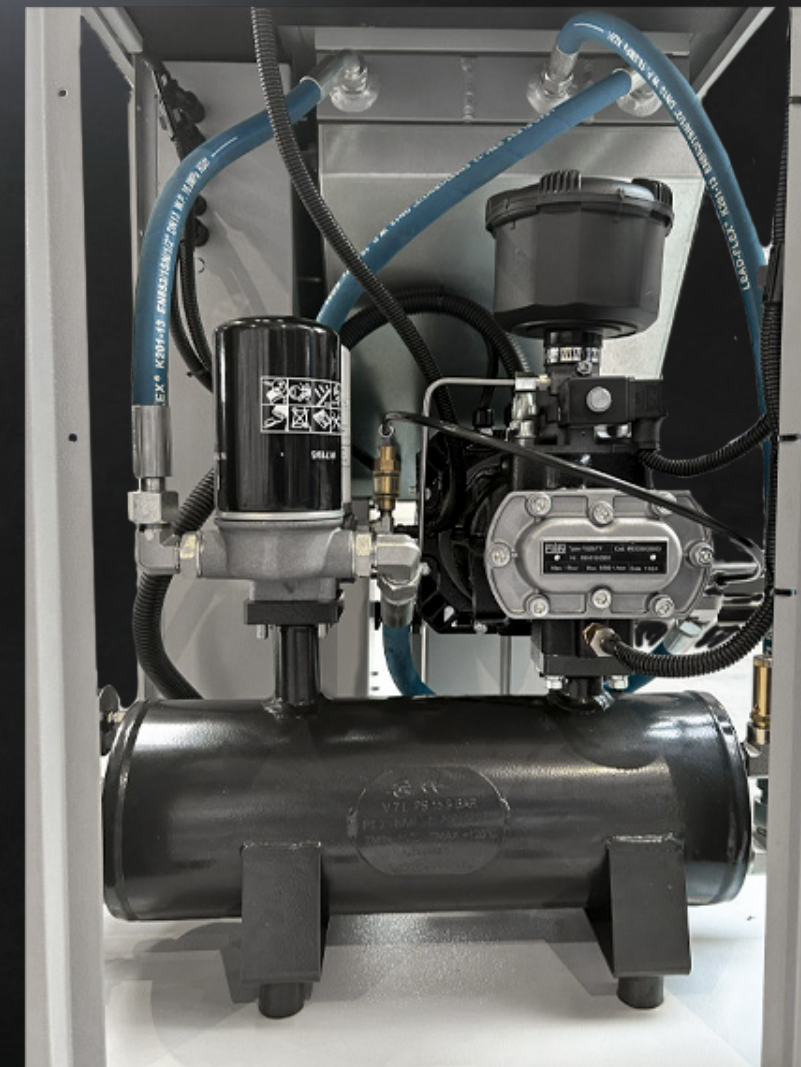
No hose is used between the airend and the oil tank, ensuring a direct fit for maximum reliability, reduced risk of leaks, and longer component life.

FLEXIBLE HOSES

Absorb vibrations, reduce noise, and prevent leaks, ensuring easier installation, longer lifetime, and lower maintenance.

EUROPEAN AIR-ENDS

The airends are fully designed and manufactured in Europe, ensuring outstanding reliability and efficiency. The compressor screw block is driven by a bearingless motor that achieves an IE5 energy efficiency.



AIRVISION CONTROLLER WITH WEBSERVER

1

User comfort through intuitive operation

- Exceptionally intuitive interface
- Ergonomic navigation
- Easy to use regardless of user experience level
- Text messages supported with comments
- Full integration with the inverter – translates inverter/motor error codes into clear messages, e.g. instead of “E01” it shows: “[E01] Critical error: power supply asymmetry.”

2

Built-in Master & Slave network operation

Network modes allow efficient management of multiple compressors in one system, enabling synchronization of their operation, optimizing performance, and reducing energy consumption.

- Automatic control of starting and stopping units depending on compressed air demand.
- Energy optimization – elimination of unnecessary idle running and balanced load distribution across compressors.
- Easy configuration – quick assignment of Master-Slave roles without hardware modifications.
- Stable communication – Modbus RTU ensures reliable data transmission and monitoring of device operation.

MASTER



SLAVE



SLAVE



SLAVE

3

Webserver – remote monitoring and cybersecurity

The built-in webserver enables advanced real-time monitoring and diagnostics of the compressor:

- Integrated visualization system
- No internet access required
- No additional server required
- Provides isolation from public networks
- Internal LAN hosting
- Easy integration with IT infrastructure
- Full control over data access
- No need for additional software installation



4

Multifunctionality

- Built-in work calendar
- Intuitive configuration of operating parameters
- Remote monitoring and diagnostics system
- Possibility of integration with SCADA systems
- Compliant with CRA directive requirements
- Safe auto-restart function
- Multilingual interface: 8 languages
- System updates via USB port
- Modern design that stands out on the market
- Highest quality workmanship



APS X G3 Series

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SUSTAINABLE EFFICIENCY, LOWER COSTS

SUBSIDY-READY ACROSS EUROPE AND BEYOND.

THE INVERTER, INSTALLED IN THE CONTROL CABINET, ENABLES DYNAMIC REGULATION OF THE MOTOR SPEED.

- CONSTANTLY ADAPTS COMPRESSOR OUTPUT TO ACTUAL DEMAND
- MINIMIZES IDLE RUNNING AND REDUCES OPERATING CYCLES
- ELIMINATES CURRENT SURGES WITH SOFT START-UP
- LOWER ENERGY CONSUMPTION AND REDUCED OPERATING COSTS

Why pay for energy you don't use?

Traditional fixed-speed compressors waste energy by running at full capacity, even when the demand is low. The APS X G3 inverter screw compressor works smarter: it automatically adjusts to your exact air needs.

THE RESULT?

- Up to 50% lower energy costs
- An average 30% reduction in total life cycle costs over 5 years
- Reliable performance with maximum efficiency

WITH THE APS X G3, YOU'RE NOT JUST BUYING A COMPRESSOR - YOU'RE INVESTING IN LASTING SAVINGS AND PEACE OF MIND.



AIRPRESS COMPRESSORS ARE MORE EFFICIENT THAN EVER



APS X G3

	APS 10 IVR X G3	APS 10 IVR X G3 COMBI DRY	APS 10 IVR X G3 COMBI DRY	APS 15 IVR X G3	APS 15 IVR X G3 COMBI DRY	APS 15 IVR X G3 COMBI DRY	APS 20 IVR X G3	APS 20 IVR X G3 COMBI DRY	APS 20 IVR X G3 COMBI DRY
	369410-IVR-G3	369212-IVR-27G3	369212-IVR-G3	369415-IVR-G3	369213-IVR-27G3	369213-IVR-G3	369420-IVR-G3	369214-IVR-27G3	369214-IVR-G3
	CE/PED	CE/PED	CE/PED	CE/PED	CE/PED	CE/PED	CE/PED	CE/PED	CE/PED
	-	270 L	500 L	-	270 L	500 L	-	270 L	500 L
	-	RDL 75	RDL 75	-	RDL 100	RDL 100	-	RDL 100	RDL 100
	10 HP / 7,5 kW	10 HP / 7,5 kW	10 HP / 7,5 kW	15 HP / 11 kW	15 HP / 11 kW	15 HP / 11 kW	20 HP / 15 kW	20 HP / 15 kW	20 HP / 15 kW
	IE5	IE5	IE5	IE5	IE5	IE5	IE5	IE5	IE5
	328 L/min	328 L/min	328 L/min	544 L/min	544 L/min	544 L/min	1100 L/min	1100 L/min	1100 L/min
	1277 L/min	1277 L/min	1277 L/min	1701 L/min	1701 L/min	1701 L/min	2421 L/min	2421 L/min	2421 L/min
	1081 L/min	1081 L/min	1081 L/min	1579 L/min	1579 L/min	1579 L/min	2164 L/min	2164 L/min	2164 L/min
	10 bar	10 bar	10 bar	10 bar	10 bar	10 bar	10 bar	10 bar	10 bar
	5 - 9,5 bar	5 - 9,5 bar	5 - 9,5 bar	5 - 9,5 bar	5 - 9,5 bar	5 - 9,5 bar	5 - 9,5 bar	5 - 9,5 bar	5 - 9,5 bar
	100/0	100/0	100/0	100/0	100/0	100/0	100/0	100/0	100/0
	Direct driven 1:1	Direct driven 1:1	Direct driven 1:1	Direct driven 1:1	Direct driven 1:1	Direct driven 1:1	Direct driven 1:1	Direct driven 1:1	Direct driven 1:1
	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	EU	EU	EU	EU	EU	EU	EU	EU	EU


APS X G3






	APS 10 IVR X G3	APS 10 IVR X G3 COMBI DRY	APS 10 IVR X G3 COMBI DRY	APS 15 IVR X G3	APS 15 IVR X G3 COMBI DRY	APS 15 IVR X G3 COMBI DRY	APS 20 IVR X G3	APS 20 IVR X G3 COMBI DRY	APS 20 IVR X G3 COMBI DRY
	AirVision One	AirVision One	AirVision One	AirVision One	AirVision One	AirVision One	AirVision One	AirVision One	AirVision One
	Dutch, Polish, German, French, Spanish, English, Russian, Portuguese			Dutch, Polish, German, French, Spanish, English, Russian, Portuguese			Dutch, Polish, German, French, Spanish, English, Russian, Portuguese		
	5 °C	5 °C	5 °C	5 °C	5 °C	5 °C	5 °C	5 °C	5 °C
	45 °C	45 °C	45 °C	45 °C	45 °C	45 °C	45 °C	45 °C	45 °C
	1/2"	3/4"	3/4"	3/4"	3/4"	3/4"	1"	3/4"	3/4"
	60 dB(A)	60 dB(A)	60 dB(A)	63 dB(A)	63 dB(A)	63 dB(A)	65 dB(A)	65 dB(A)	65 dB(A)
	2415 RPM	2415 RPM	2415 RPM	3600 RPM	3600 RPM	3600 RPM	3360 RPM	3360 RPM	3360 RPM
A	17	17	17	18,7	18,7	18,7	29,8	29,8	29,8
	IP 20	IP 20	IP 20	IP 20	IP 20	IP 20	IP 20	IP 20	IP 20
	IP 55	IP 55	IP 55	IP 55	IP 55	IP 55	IP 55	IP 55	IP 55
	IP 44	IP 44	IP 44	IP 44	IP 44	IP 44	IP 44	IP 44	IP 44
	400 V / 50 Hz / 3 Ph			400 V / 50 Hz / 3 Ph			400 V / 50 Hz / 3 Ph		



INSTEAD OF OFFERING SEPARATE 8-BAR AND 10-BAR MODELS, THIS RANGE IS CONFIGURED BY DEFAULT FOR THE 8-BAR UNIT AIRFLOW (UP TO 8 BAR), WITH AN OPTION TO INCREASE PERFORMANCE UP 10 BAR.


Contact us



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