



Atlas Copco



## Oil-injected rotary screw compressors

G 2-5/G 7-11/G 15-22/G 30-45/G 55-90  
(2-90 kW/3-120 hp)



## Atlas Copco, premium quality since 1873

Atlas Copco was founded in 1873 and is based in Stockholm, Sweden. We have been a global leader in high-quality compressed air technology for more than a century and continue to raise the bar with innovative products.

## New G series screw compressors: built to last

Atlas Copco compressors have always set the standard for reliability and performance in the compressed air industry. With the new G 2-5, G 7-11, G 15-22, G 30-45 and the G 55-90, Atlas Copco brings the power and durability of an industrial screw compressor to any type of small or medium-sized business.

### Built-in reliability

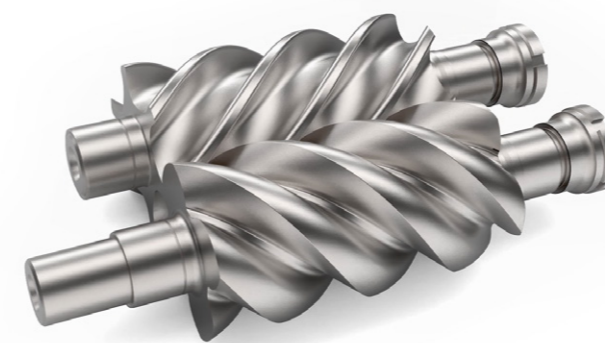
- Rugged screw compressor technology with a 100% continuous duty cycle.
- Up to 46°C ambient temperature conditions thanks to robust components.
- Electro-pneumatic inlet valve for stable operation and a long lifetime.

### Easy installation

- Plug-and-play operation.
- Multiple variants (floor- and tank-mounted, with or without integrated dryer) for full flexibility.
- The G 2-22's compact footprint and cooling air discharge from the top allow placement against a wall or in a corner.

### Simple & quick maintenance

- Patented cooler for easy cleaning and maintenance.
- Grouped service points accessible through the removable panel.



## Robust & efficient compression element

Atlas Copco's trusted rotary screw element ensures our G compressors' high free air delivery and supreme reliability.

# G 2-5/G 7-11/G 15-22: The ideal small business compressor

Atlas Copco compressors are legendary for their reliability, performance, efficiency, and easy operation and maintenance. That is why our G 2-5/G 7-11/G 15-22 series has long been the preferred air solution for small and medium-sized businesses.

## 1 Reliable element & motor

- 2-3% higher efficiency with V-belt compared to other belt-driven systems.
- Allows for 100% continuous duty cycle.
- Works reliably in harsh environments.
- Up to 46°C/115°F ambient temperatures.

## 2 Advanced monitoring

- State-of-the-art monitoring using a simple Ethernet connection.
- Service and warning indications, error detection and compressor shutdown.
- Controller type adapted to meet local requirements and preferences.



## 3 High-tech oil vessel

- Protection from oil contamination: extremely low oil carry-over thanks to the vertical design of the oil vessel.
- Very low losses of compressed air during load/unload cycle thanks to minimized oil vessel size.



## 4 Integrated quality air solutions

- The integrated dryer avoids condensation and corrosion in the network. Optional filters for air quality up to class 1 level (<0.01 ppm).
- Additional energy savings with the dryer's no-loss mechanical drain.

## 5 Silent operation

- Belt-driven element.
- Reduced noise levels and low vibration.

## 6 Small footprint

- Extremely small footprint with possible placement against a wall or in a corner.
- Available in multiple configurations.
- Plug-and-play operation.

# G 30-45/G 55-90: A robust, flexible offer

Atlas Copco's G 30-45/G 55-90 series brings you outstanding sustainability, reliability and performance with a low investment cost. Built to perform even in the harshest environments, these compressors keep your production running efficiently for many years to come.



## 1 Maintenance-free drive system

- The G's compression element is the most used in its size.
- Gear-driven drive train for unequaled reliability.
- Allows for 100% continuous duty cycle.
- Suitable for harsh environments.
- Standard version works reliably in ambient temperatures up to 46°C/115°F.

## 2 IE3 Premium Efficiency electrical motor

- IP55, insulation Class F, B rise.
- Designed for continuous operation.



## 3 Robust spin-on oil filter

- Designed for long service life.
- Removes 300% smaller particles than a conventional filter.
- Easy access and replacement.

## 4 Separate oil cooler and aftercooler

- No consumables.
- Eliminates possibility of thermal shocks in coolers.



## 5 Advanced Elektronikon® control & monitoring

- Service and warning indications.
- Error detection.
- Compressor shutdown.

## 6 High-performance fan

- Low noise level.
- High flows.

## Built-in quality air

Untreated compressed air contains moisture, aerosols and dirt particles that can damage your air system, creating the risk of corrosion and leaks, and contaminate your end product. Maintenance and repair expenses can far exceed air treatment costs. An air dryer is therefore essential to protect your systems and processes. Atlas Copco G 2-22 compressors have an integrated dryer option to ensure your peace of mind.

### A fully integrated dryer

- Optimized sizing for the compressor avoids excessive energy consumption.
- Fit for your application.
- Controlled and monitored by the Elektronikon®.
- Space-saving all-in-one solution with low installation costs.



### Lowest lifecycle costs and peace of mind

- No extra installation costs.
- Save on floor space.
- Use of energy-efficient, environmentally friendly refrigerant R410A reduces operating costs and ensures zero ozone depletion.
- Heat exchanger cross-flow technology with low pressure drop saves energy and costs.
- Zero waste of compressed air thanks to no-loss condensate drain.
- Advanced control functions ensure dry air under all circumstances and prevent freezing at low load.
- Pressure dewpoint of 7°C/45°F (100% relative humidity at 20°C/68°F).

### Integrated purity

The optional UD+ filter and integrated refrigerant air dryer (IFD) efficiently remove moisture, aerosols and dirt particles to protect your investment. The UD+ filter has a 40% lower pressure drop than the conventional DD+/PD+ filter combination. It saves space and reduces energy costs. Using only 1 single filter, it is possible to reach Quality Class 1.4.2 according to ISO 8573-1:2010.

	ISO QUALITY CLASS*	DIRT PARTICLE SIZE	WATER PRESSURE DEWPOINT**	OIL CONCENTRATION
Pack compressor	3.-4	5 microns	-	3 ppm
Integrated refrigerant dryer	3.4.4	5 microns	+3°C/37°F	3 ppm
DD+	2.4.2	1 micron	+3°C/37°F	0.1 ppm
UD+	1.4.2	0.5 micron	+3°C/37°F	0.1 ppm

\* The table values reflect the maximum limits according to the ISO quality air standard (ISO 8573-1:2010).

\*\* Water pressure dewpoint based on 100% RH at 20°C/68°F.

## The right controller



### Standard: Elektronikon® Swipe

- Ease of use: intuitive navigation with clear pictograms and extra LED indicator for service.
- Visualization through web browser with a simple Ethernet connection.
- Easy to upgrade.



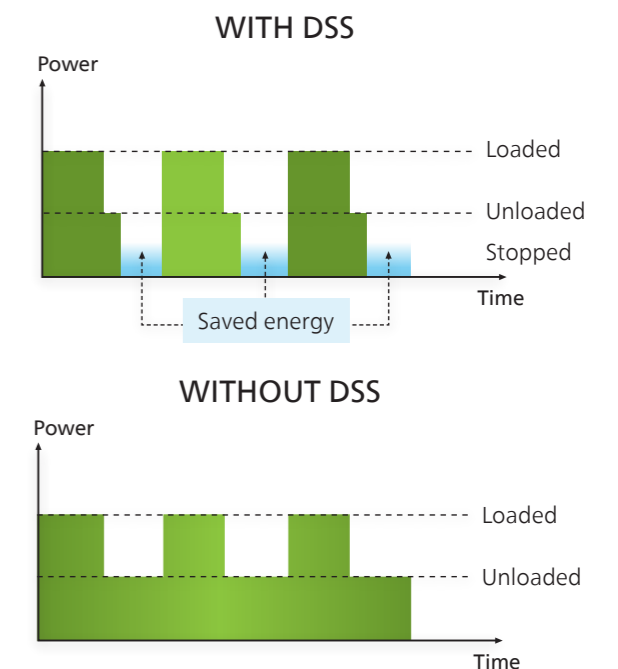
### Optional: Elektronikon® Touch

- Ease of use: 4.3-inch high-definition color display with clear pictograms and service indicator.
- Reliable: user-friendly, multilingual user interface and durable keyboard.
- Flexible: four different week schedules for 10 consecutive weeks.
- Internet-based compressor visualization with a simple Ethernet connection.
- Remote control and connectivity functions.

### Delayed Second Stop (DSS)

Elektronikon® controllers offer a great variety of control and monitoring features that allow you to increase your compressor's efficiency and reliability, including Delayed Second Stop (DSS).

The DSS feature stops the compressor's motor whenever possible. The controller maintains the desired system pressure while minimizing the motor run time to keep your energy consumption at a minimum.

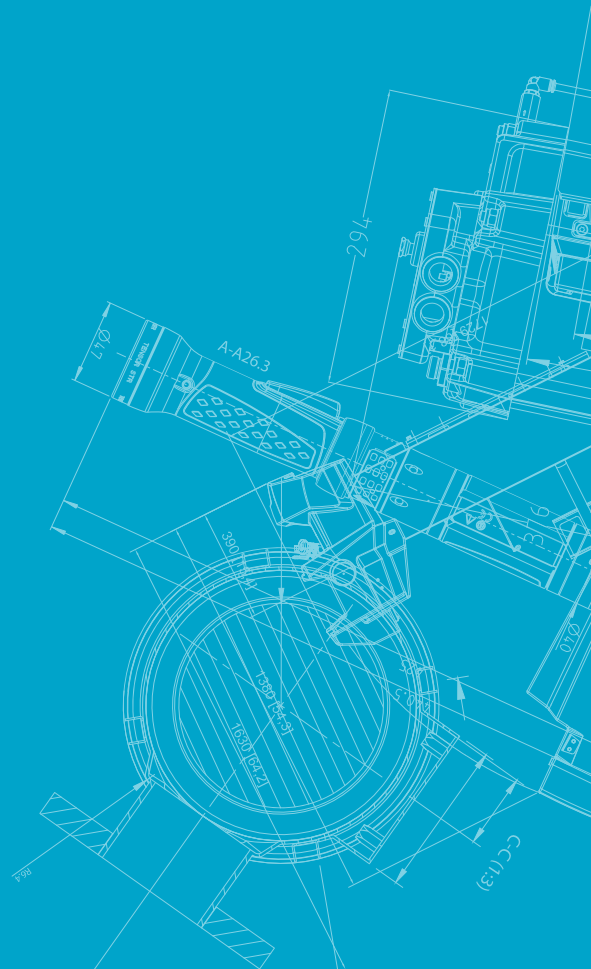






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