



GA 4000AC

AUTOMATIC AIRCOAT GUNS



- Excellent finishing quality
- Ultra light and compact
- High process reliability

WAGNER AirCoat - Perfect finishing for high quality surfaces

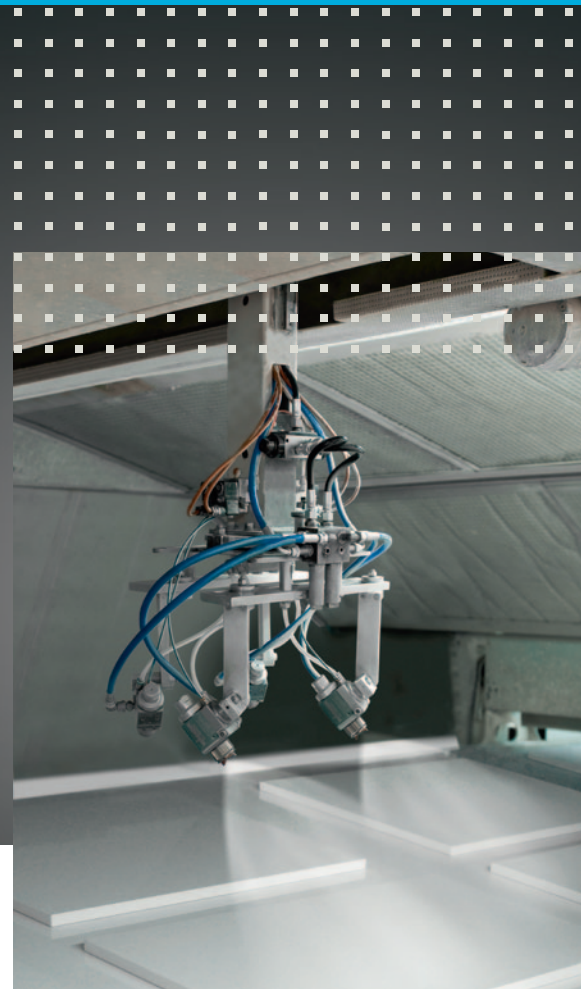
WAGNER AirCoat Technology

POWER AND CONTROL TOGETHER FOR SUPERIOR PERFORMANCE AND FINISHING RESULTS

Airless technology provides **"Power"** : fast application speed, low overspray and high transfer efficiency.

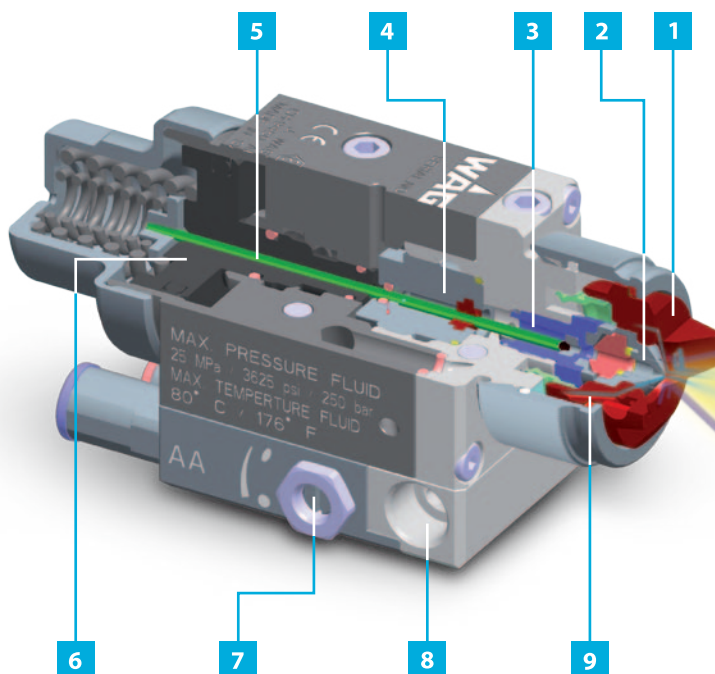
Air Spray technology provides **"Control"** : easy and precise adjustments of the atomizing air and of the fan width, for maximum application versatility and finishing quality.

The right combination of Airless and Air Spray technology together with the unique WAGNER know how results in **AirCoat** technology: perfect finishing, high productivity, soft spray pattern and very high transfer efficiency.



GA 4000AC technology

The innovative WAGNER automatic AirCoat guns employ our brand new AirCoat atomization process to produce the finest finishing results ever. These guns meet all market demands - highest flexibility, ultra light weight, compact dimensions and new long life packing for high process reliability.



- 1 Aircap
- 2 High quality nozzle
- 3 Valve with tungsten carbide seat
- 4 Long life packing cartridge
- 5 Needle (special treatment to reduce wearing)
- 6 Drive (Piston and spring)
- 7 Fan air adjustment
- 8 Material connection
- 9 Air passages

Great advantages for your business

GA 4000AC: Designed for your needs



Wood finishing



Metal protection & finishing



Leather finishing



TYPICAL APPLICATIONS

Whether laquers for wood finishing, 2K materials for corrosion protection of metals or primers for leather coatings, the new GA 4000AC is perfect for your individual needs!

- Wood and furniture industry
- Corrosion protection
- General metal industry
- Leather coating

TYPICAL FLUIDS

- Stains, varnishes and laquers
- Solvent- and waterbased paints
- PU and Epoxy materials
- 2K materials
- High solid materials
- UV paints

GA 4000AC - A new generation of automatic AirCoat guns

GA 4000AC: crucial advantages!

GA 4000AC revolutionizes the automatic coating processes with excellent finishing quality and transfer efficiencies. The results are an efficient coating process with the best surfaces.

1 Fast and constant open-close speed

Fast trigger speed reduces overspray due to closer and more precise trigger positions to the workpiece.

2 Smallest and lightest gun

The GA 4000AC is the smallest and lightest automatic AirCoat gun on the market. This provides mounting flexibility and fast movement.



3 Wide range of paints

All wetted parts are in stainless steel. So the gun is suitable for virtually any kind of paint.

4 Best atomization

The new AirCoat atomization provides a softer and smoother spray pattern. Due to the new air cap design, the material pressure is reduced and the spray pattern becomes more homogenous.

5 High transfer efficiency

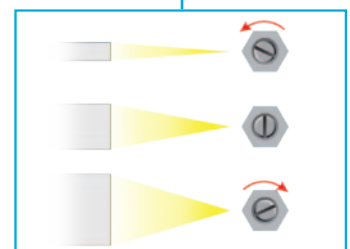
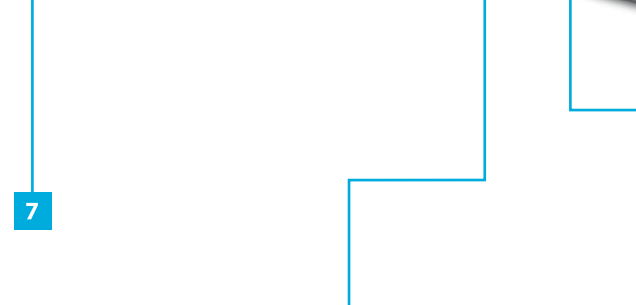
The fine and soft atomization combined with a homogenous particle size guarantees a high transfer efficiency.

6 Long lifetime

The new long life packing increases the process reliability and reduces downtime. With the innovative cartridge system, the changing of the packing is simplified and takes only minutes!

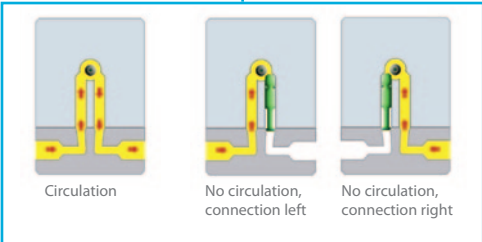
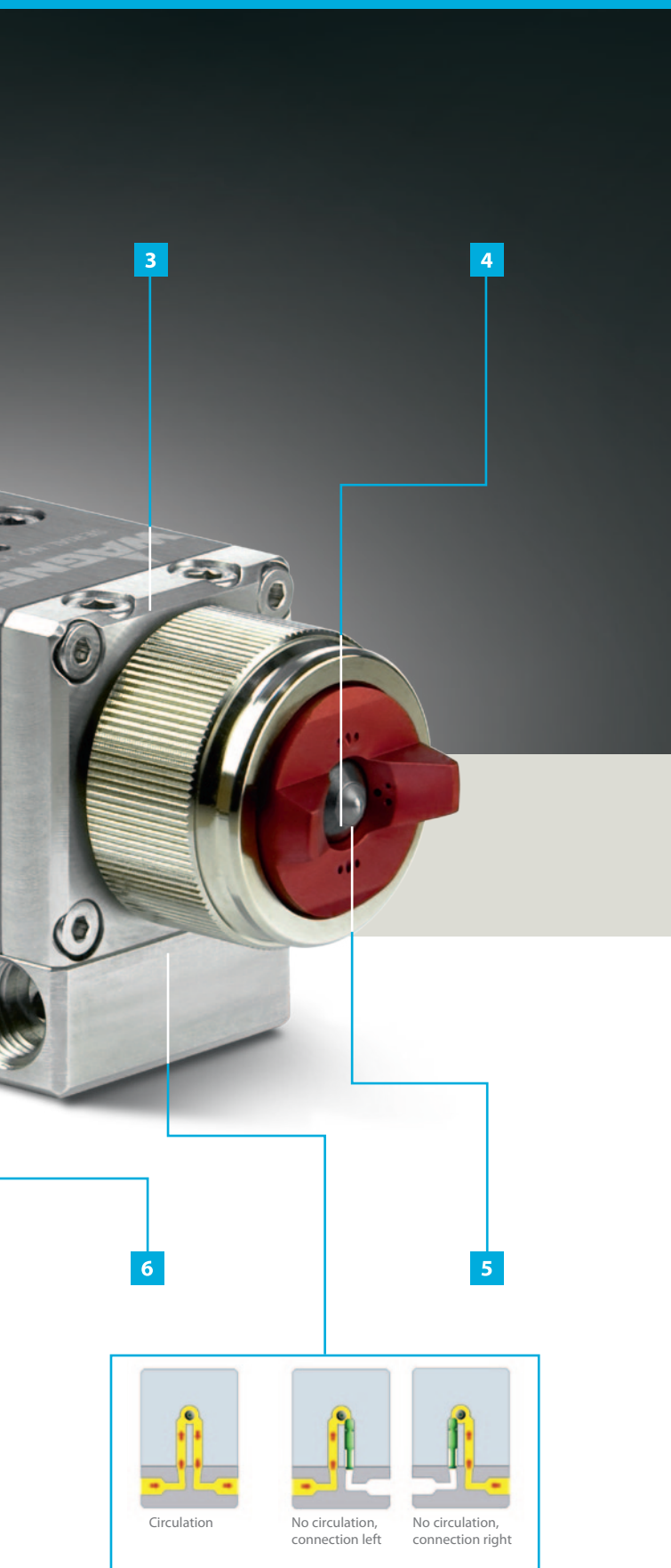
7 Fixed settings

The base plate system maintains the position and all settings for reproducible spraying results.



Fan air adjustment

Fan air can be adjusted to control the pattern width.



Material flow
 By using a simple lock pin the same baseplate is capable of standard feeding or circulation to the needle in both side or rear connections.



Best atomization ever

WAGNER AirCoat

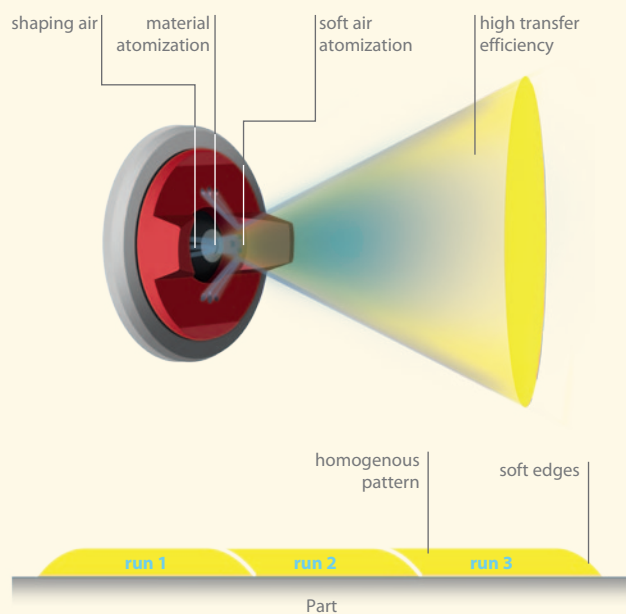
More than 30 years of experience in AirCoat technology has led to our newest design innovation in atomization systems consisting of nozzles and air caps.

AIRLESS ATOMIZATION

The specially designed high quality AirCoat nozzle provides the best atomization and lifetime while distributing the material in a uniform pattern to create a perfect finishing result. Soft edges of the spray pattern allow a overlapping of spray tracks while achieving a uniform layer thickness.

AIR SPRAY ATOMIZATION

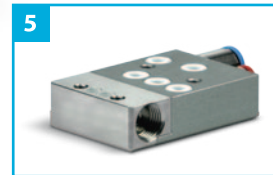
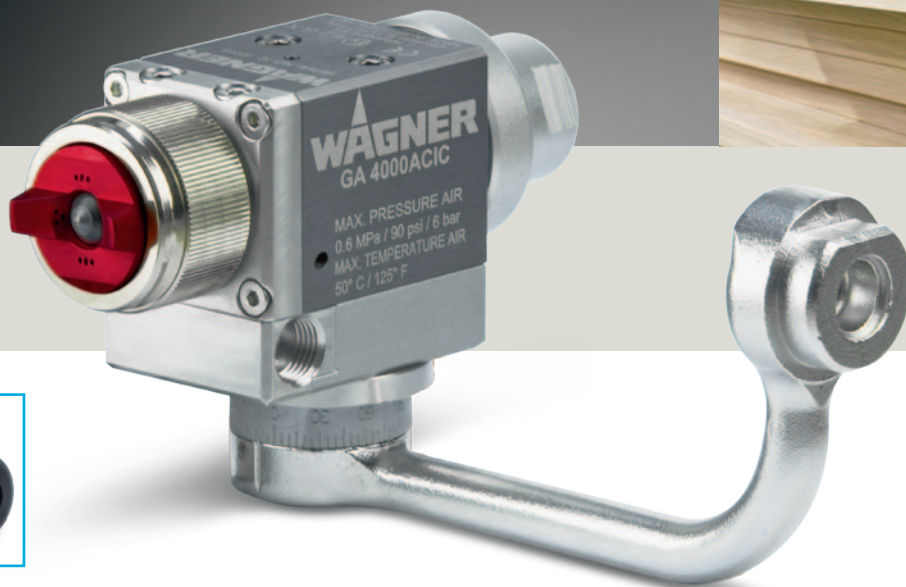
The Air spray atomization further increases the quality of the atomization with a soft airflow. Additionally enabling a precise fan width adjustment and keeping the air cap clean even in rough production environments.



GA 4000AC the complete range

Accessories for highest flexibility

The GA 4000AC is part of a complete modular system. A wide variety of nozzles and aircaps, baseplates with versatile connections and a large range of mounting equipment makes the GA 4000AC an ideal solution suitable for your specific application.



- 1 Nozzles**
Wide range of flat (ACF)- and round (ACR) spray nozzles for perfect finishing results.
- 2 Aircaps**
Red - for low viscosity materials.
Blue - for high viscosity materials.
Bronze - for easy cleaning - no fan air adjustment
- 3 Lock pin**
The lock pin provides the freedom to choose between circulation and no circulation.

- 4 Packing cartridge**
New long life packing in a cartridge system for easy and fast service.
- 5 Base plates**
Base plates with side / rear connections and a robot base plate ensure maximum flexibility.
- 6 Mounting devices**
Different gun holders and adapters for each application provide a greater flexibility in mounting the gun.

The right automatic AirCoat gun for your job

Select your AirCoat gun

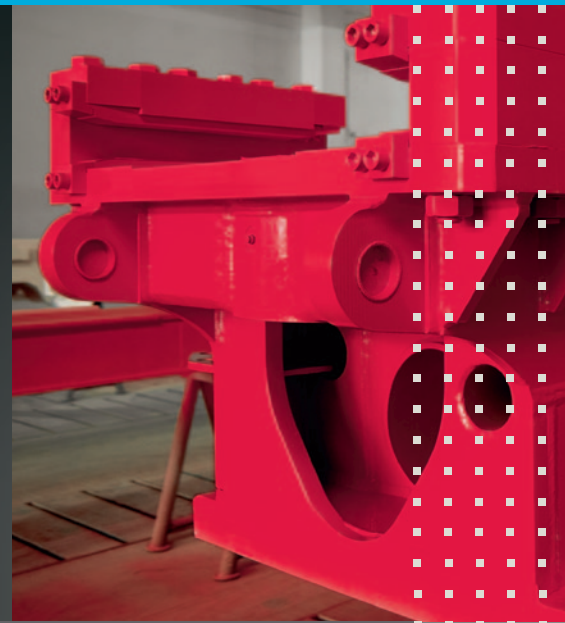
WAGNER offers two different versions of automatic AirCoat guns.

Internal controlled (IC) version

Easy adjustment of the spray pattern by an adjusting screw in the base plate.

External controlled (EC) version

Pattern can be adjusted from the outside with a remote valve.

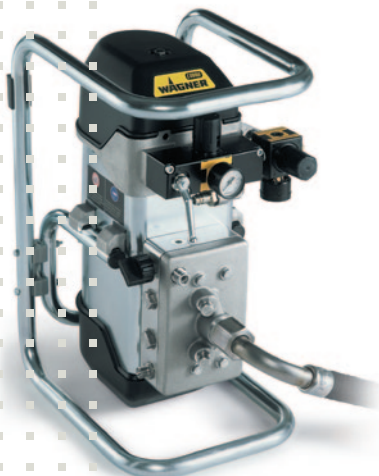


GA 4000AC Technical Data

GA 4000AC

Technical Data	GA 4000ACIC	GA 4000ACEC
Max. material pressure	250 bar / 3,625 psi	250 bar / 3,625 psi
Max. air pressure	6 bar / 90 psi	6 bar / 90 psi
Trigger speed (open or close)	25 ms / 0.025 sec	25 ms / 0.025 sec
Weight (gun body)	481 g / 17 oz	424 g / 14oz
Weight (ready to spray*)	678 g / 23 oz	637 g / 22 oz
Material connection	BSP 1/4"	BSP 1/4"
Air connection	BSP 1/8"	BSP 1/8"
Max. material temperature	80 °C / 176 °F	80 °C / 176 °F
Wetted parts	Stainless steel	Stainless steel
Dimensions (gun body)	114 / 45 / 45 mm 4.5" / 1.77" / 1.77"	100 / 45 / 45 mm 4" / 1.77" / 1.77"
Dimensions (ready to spray*)	129 / 47 / 60 mm 5" / 1.85" / 2.36"	115 / 45 / 60 mm 4.5" / 1.77" / 2.36"

* Includes gun body, base plate, aircap and nozzle



WAGNER Cobra® - No application limits

WAGNER Cobra® is a high pressure double diaphragm pump suitable for AirCoat applications up to 250 bar. The pump is completely sealed from the external atmosphere. The absence of friction, the minimum of shear and almost no pulsation make it perfect for virtually any material and application! An extremely long lifetime guarantees a high process reliability. Suitable up to 5 l/min and ideal for water- and solvent based paints, UV and reactive materials.

For further information about the WAGNER Cobra® please look in the brochure or visit us at www.wagner-group.com

Manual AirCoat guns

The WAGNER manual AirCoat guns combine excellent finishing quality, high reliability and a human engineered design for perfect handling. The WAGNER manual AirCoat guns are the lightest guns on the market and have less trigger and holding force which make daily work much easier.



High pressure piston pumps

WAGNER IceBreaker®

Outstanding durability, very high reliability and unique features make the WAGNER IceBreaker piston pumps the optimal choice for almost any high pressure application. High efficiency air motors ensure smooth operation and impeccable coating results. The wide pump range enables the unit to successfully meet the needs of small workshops as well as those of big industries. The pumps are ideal for applying water -and solvent based paints.

A complete range of 2K systems

WAGNER offers a wide range of 2K systems. TwinControl - 1 color / 1 hardener / 1 solvent include all features required to mix the material. The FlexControl family offers additional features such as automatic color changes, recipe storage, peripheral equipment interfaces, and low and high pressure applications with a very high mixing accuracy.



www.wagner-group.com

Further information on GA 4000AC and on a wide variety of accessories like air caps, nozzles and hoses can be found in the WAGNER liquid applications catalog.

