



## AirCoat guns

FOR MANUAL APPLICATION



- Excellent finish
- Reliable
- Human engineered design

**NEW**

# AirCoat technology for premium surfaces

## AirCoat technology

The AirCoat process (Airless + Air) is unique in its ability to uniformly atomize the coating material at relatively low pressure (from about 60 bar depending on the material) using a piston pump or diaphragm pump. This is achieved by means of a central air guide (air cap) that is mounted directly on the nozzle bore and that surrounds the sprayed medium on all sides.

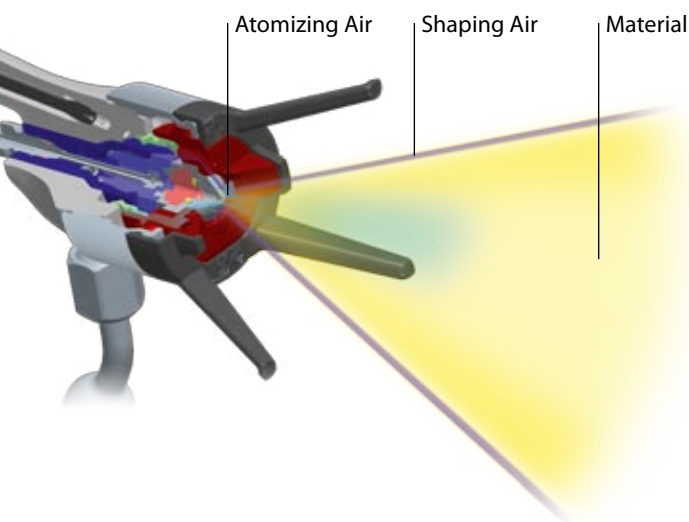
The result is a considerable reduction in overspray compared to the Airless and air spraying methods, achieving material savings of up to 15 % over the Airless process and up to 40% over air atomization.

WAGNER AirCoat nozzles are manufactured to the highest precision. Thanks to improved air guidance, WAGNER has succeeded in reducing material pressure even further, achieving a still softer and more uniform spray pattern.



## The new AirCoat guns

AirCoat technology produces perfect coating results by means of excellent atomization. Now WAGNER is introducing a new generation of manual AirCoat guns in response to two major market demands – optimized application quality and improved handling.



### A NEW DIMENSION OF FINISH EXCELLENCE

The new WAGNER air guidance system with its **optimized atomization capabilities** produces a **premium finish** in every application. The reduced atomization pressure ensures an extremely soft spray pattern.

### RELIABLE GUN OPERATION FOR THE SMOOTHEST WORKFLOW

With a forged aluminum gun body and a robust component design, the new AirCoat guns are **made to last** even under the roughest of production conditions.

#### Application areas

- Wood and furniture industry
- Corrosion protection
- Steel industry
- Agricultural machinery
- Commercial vehicles

#### Processable materials

- Stains
- Solvent- and water-based paints
- Clear coats and lacquers
- Epoxy primers and paints
- 2K materials
- High solid materials
- UV paints

# Human engineered design for perfect handling



Ultra light gun GM 4100AC

## GM 4100AC

- Slim handle
- Ultra light gun 437 g
- Edge filter

Technical data	GM 4100AC
Height	206 mm / 8.1 inch
Length	173 mm / 6.8 inch
Weight	437 g / 15.4 oz
Max. air inlet pressure	8 bar / 0.8 MPa / 120 psi
Max. material pressure	160 bar / 16 MPa / 2320 psi 250 bar / 25 MPa / 3625 psi
Material connection	NPSM 1/4"
Air connection	G 1/4"
Wetted parts	Stainless steel, tungsten carbide, POM, PTFE, FPM, PA



Light gun GM 4600AC

## GM 4600AC

- Regular handle
- Light gun 526 g
- Long filter

Technical data	GM 4600AC
Height	211 mm / 8.3 inch
Length	173 mm / 6.8 inch
Weight	526 g / 18.6 oz
Max. air inlet pressure	8 bar / 0.8 MPa / 120 psi
Max. material pressure	160 bar / 16 MPa / 2320 psi 250 bar / 25 MPa / 3625 psi
Material connection	NPSM 1/4"
Air connection	G 1/4"
Wetted parts	Stainless steel, tungsten carbide, POM, PTFE, FPM, PA

## HUMAN ENGINEERED DESIGN FOR PERFECT HANDLING

Perfect handling was the objective in developing this unique gun line with two different gun sizes.

Both AirCoat guns were designed with the comfort of the operator in mind. **Ergonomic interaction** is enhanced because the gun is **lighter** and requires **less trigger** and **holding force**, thus reducing operator fatigue considerably.

You can choose between two versions, depending on the material pressure in your application: a 160 bar and a 250 bar version. The 160 bar version requires less trigger force than the 250 bar version.

## High quality Spraypacks

WAGNER offers a large selection of spraypacks, which are either prefabricated or can be tailored specifically to customer requirements.

A spraypack typically consists of a manual gun, a pump and a hose. You can choose between two different piston pump lines (WAGNER IceBreaker and WAGNER EvoMotion) and the Cobra® 40-10 diaphragm pump.



Automatic AirCoat guns

## GA 3000AC

The WAGNER automatic AirCoat gun series GA 3000AC ensures reproducible results and high process reliability in automatic coating systems. An internally and externally controlled version, standard and robot base plates and a wide range of accessories enable you to adapt the gun to your specific application.

## Add-ons and accessories

WAGNER offers a multitude of different accessories to adapt its products to customer requirements.

A perfect add-on: FlexControl *plus* is an electronic mixing and dosing system with a broad range of applications. It is very easy to use and allows the incorporation of peripheral equipment.



Further information and a wide selection of accessories such as air caps, nozzles and hoses can be found in the Complete WAGNER Catalog.

[www.wagner-group.com](http://www.wagner-group.com)

