



PRESS RELEASE

February 2016

New from WAGNER: AquaCoat systems 5010 & 5020

Electrostatic coating systems for plastics processing

For the plastics processing industry, separating agents are indispensable process materials. During the manufacture of plastic components, they form the critical barrier layer between the tool and plastic mass. The processing of polyurethane foams is particularly challenging. Here, separating agents ensure that the foam body can be removed from the mold intact, as well as an improved look and surface finish quality. For a long time, solvent-based separating agents were primarily used for this purpose. However, due to the EU directive governing solvents, development is clearly heading toward more environmentally friendly, water-based materials.

They can be applied particularly efficiently using electrostatic systems: The injection mold is grounded while voltage is applied to the separating agent. This causes the separating agent to be "attracted" to the injection mold. The result is a highly uniform coating, an improved application efficiency with up to 50 percent less material consumption, less pollution, and as a result of this, less cleaning is also required compared to conventional coating methods.

Cost-effective coating systems for plastics processing

In spite of this, many manufacturers shy away from purchasing an electrostatic coating system on the basis of costs and space. Especially for this target group, WAGNER has now developed the new AquaCoat systems 5010 and 5020. The new "AquaCoat 5010" basic unit with a slim cabinet measuring just 80 centimeters satisfies the demands of customers for a quick return on investment (ROI). In addition to the cabinet including control unit, the cost-effective basic set also contains a pump set and the electrostatic manual gun GM 5020. This is based on the tried-and-true GM 5000 manual gun and features a smooth, homogenous spray jet. This complete package makes the system interesting for manufacturers of plastic molded parts



(From left to right:) AquaCoat 5010 & 5020



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in all sectors – whether in the automotive supply industry for the interior trim or other industries, such as mattresses, shoe soles, toys, or household appliances. Beyond the basic set, WAGNER configures individual systems to suit every requirement. It is not only water-based separating agents that can be perfectly applied using the new AquaCoat systems. The equipment is also ideally suited to water-based primers, paints, or glues.

New AquaCoat generation with many benefits

The new AquaCoat generation is also characterized by other benefits:

- Maximum application efficiency compared to similar products due to finer atomization at a lower spray jet speed
- Maximum level of safety with two safety systems and mechanical locking of the system interior during application
- Central, easy-to-service controls, easily visible and accessible
- Quick color changes due to large door and easy access
- Excellent ergonomics due to lightweight, manual guns and flexible hoses

The new AquaCoat systems 5010 and 5020 are available from WAGNER distribution partners from February 2016.



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About WAGNER:

WAGNER is a leading manufacturer of high-tech components and systems for the surface application of wet and powder coatings as well as paints and other liquid media.

WAGNER surface finishing systems are used both in the industrial sector and by craftsmen and DIY enthusiasts.

WAGNER boasts a full range of products and technology, from material feeders through mixing, dosing, movement, and control systems including material logistics to the surface application of the various media. Completing the product portfolio are booth and recovery systems for powder coating as well as gluing and marking systems.

The WAGNER Group has a global presence, with a workforce of approx. 1,450 people, 18 operative companies, and around 300 WAGNER agencies worldwide. The WAGNER Group is owned by the Josef-WAGNER Foundations which, in addition to supporting the group of companies, pursue exclusively non-profit, charitable aims.

For more information, visit www.wagner-group.com