



Innovative surface technology
for industrial applications.

Domestic Appliances



Welcome to WAGNER.

We bring color, protection and function to surfaces.

J. Wagner GmbH is one of the world's leading manufacturers of equipment and systems for the finishing of surfaces with powder coating and liquid lacquers, paints and other liquid materials. The Industrial Solutions division with its brands WAGNER, WALTHER PILOT, Reinhardt-Technik and C.A. Technologies stands for high quality, efficiency and productivity in all areas of industrial applications.

Whether in the automotive, wood and MDF, Protective Coating, household appliance or agriculture, construction and transport sector - we offer you the entire technology range and individual solutions for your application.

Which challenge can we support you with?





With us you will reach your goals.



Research & Development

We bring ideas to life in our modern research and development center at our Swiss location in Altstätten. We evaluate new technologies and accompany product ideas from development to series production. We can draw on our team's perfect mix of many years of experience and shared expertise, all of which enable WAGNER to develop high-quality, innovative products and solutions.

Engineered Systems

Our engineers not only advise and supply you with reliable standard products from our extensive portfolio. We will also be pleased to support you in the development of a system solution individually designed for your specific application. Even for demanding processes, we develop complete coating systems with perfectly matched components that reliably meet your requirements - regardless of the industrial sector in which you are active.

Worldwide Service

You want to keep your process reliability at a constantly high level through regular maintenance and planned service calls? You need information about repairs, spare and wear parts or updates of your equipment? The experts in our global WAGNER service network always offer you professional and personal support.



Technology Centers

Our technology centers at various locations in Europe, China and the USA offer you the opportunity, with the support of our experienced application specialists, to determine and test the right coating solution for the respective application under real production conditions. Even after the purchase of a WAGNER system, you will receive expert advice to help you continuously improve your production processes and achieve high-quality results.

Training & Education

The WAGNER Academy is the right partner for training and further education in the coating industry. You receive an all-round professional service - from open training courses with participants from different companies to individually tailored training courses on your own premises. In addition, the WAGNER Online Academy offers you a range of online learning content, with which you can also continue your own further training in your desired subject area.

Experience fascinating surfaces.

Domestic appliances must meet the highest requirements in terms of quality and safety. With our perfectly matched coating, bonding and sealing solutions, you can achieve reliable results for your workpieces - both in terms of a high-quality appearance and reliable and robust surface protection. Our products are suitable for a wide range of different plastic, glass and metal components, electronic elements and decorative parts.



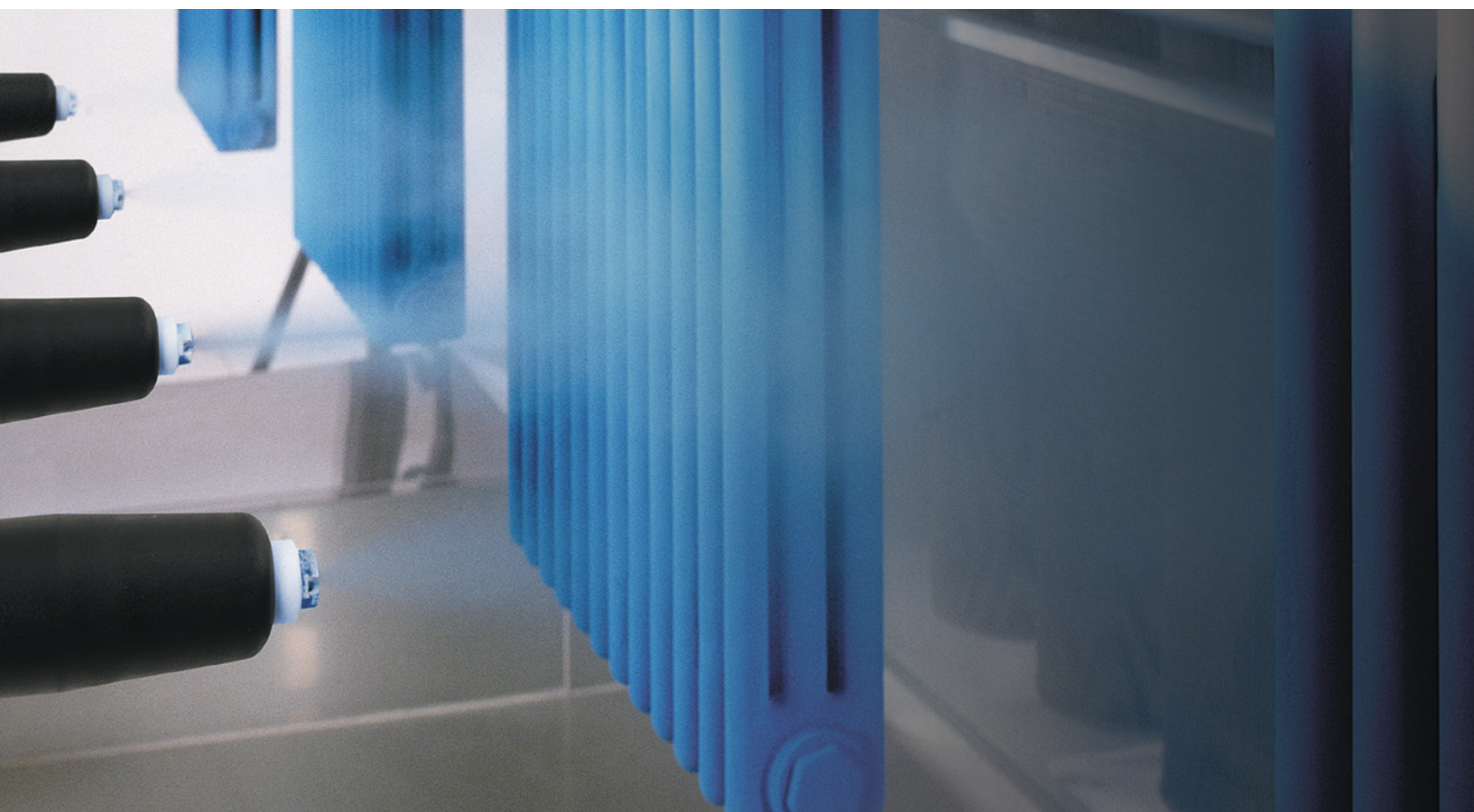
Powder Coating

We offer a wide range of customized powder coating solutions. These solutions are characterized by their versatility, fast color change, uncomplicated cleaning and environmentally friendly powder recovery systems.

Typical applications:

- Built-in stoves (enamel powder coating)
- Gas stove grids (enamel powder coating)
- Flat stove attachments
- Microwave ovens
- Water heaters (enamel powder coating)
- Stovepipes (enamel powder coating)
- Heating & cooling elements
- Washing machines, dryers & dishwashers





Liquid Coating

WAGNER offers components and solutions for the automatic and manual application of liquid paints as well as solvent-based and water-based coatings. For us, the focus is on reliability, durability and high-quality, process-reliable surface coating.

Typical applications:

- Plastic components
- Hobs (enamel liquid paint)
- Grids (enamel liquid paint)
- Burners (enamel liquid paint)



Bonding, Sealing & Encapsulating

Our bonding and sealing solutions not only enable the combination of new materials and better quality, but also make it possible to reduce the size and weight of products in a simplified production process.

Typical applications:

- Stoves
- Microwaves
- Washing machines
- Dryers
- Freezers
- Refrigerators
- Dishwashers

Solutions for large domestic appliances

Large domestic appliances require perfect surfaces. As a manufacturer of such appliances, you must meet the high requirements of an attractive design and a long service life from your products. WAGNER's outstanding coating and bonding solutions ensure optimum results in these areas.

Grids & burners

Grids can be coated with enamel powder and liquid paint, burners with enamel liquid paint.



Stoves

The fields of application include the interior of cavities (coating with enamel powder coating) and exterior surfaces of stoves (coating with lacquers). Another field of application is the bonding of glass ceramic hobs and glass doors.



Refrigerators

Flat panels are generally coated with powder coatings, while adhesives are used for accessories and blown-in insulation materials. Our strengths: bonding and sealing of casings, application of insulation materials, application of trim and bonding of handles.



Automatic powder coating

WAGNER automatic guns are available in two variants. The compact variant can be used universally, the XL variant specifically for color change systems. Both are designed for high coating performance and long service life. High-quality workpiece surfaces are achieved with efficient material utilization.



Low-pressure application

WAGNER offers air spray guns as manual and automatic versions with or without electrostatic support. They achieve very high surface quality, fine atomization and minimal droplet sizes.



Stoves

Heat-resistant and mechanically stressed elements are coated with enamel varnish, decorative elements (in different colors) mainly with standard powder varnish. The coating of certain accessories is done with liquid paint. Bonding and sealing processes connect the components to the metal frame.

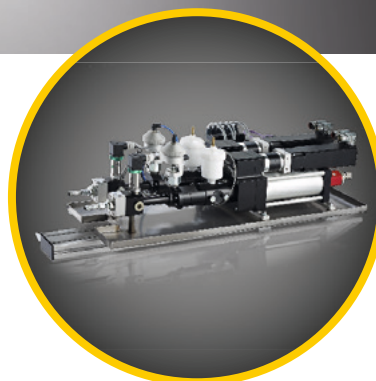
Washing machines & dryers

Exterior surfaces (coated with standard powder paint), covers (with liquid paint). Bonding applications include covers and door panels, condensers, and the application of counterweights and insulating elements.



Non-contact layer thickness measurement

The Layer Check LC 1000 enables non-contact measurement of the layer thickness of powder and liquid coatings directly after application. This leads to reduced costs, improved quality and process reliability. Advantages are significant material savings, prevention of rejects and system downtime, and complete logging in the coating process.



Piston metering system

The Reinhardt-Technik Vecdos range of high performance servo driven metering systems is the ideal solution for any periodic metering application. The volumetric shot metering units are modular and can be flexibly combined for different mixing ratios.

Solutions for heating & cooling equipment

WAGNER's innovative technology enables controlled layer thicknesses. Our automated application and bonding solutions offer you comprehensive and reliable support for your production lines.

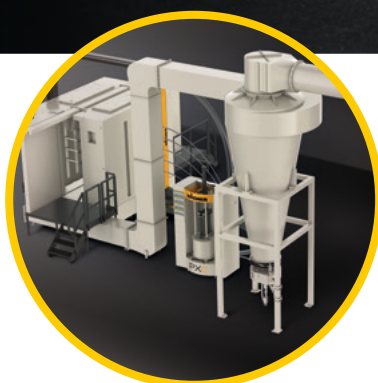
Accessories

Most accessories are liquid-painted because they contain plastic components.



Radiators

Powder coatings produce decorative results and are available in many different colors.



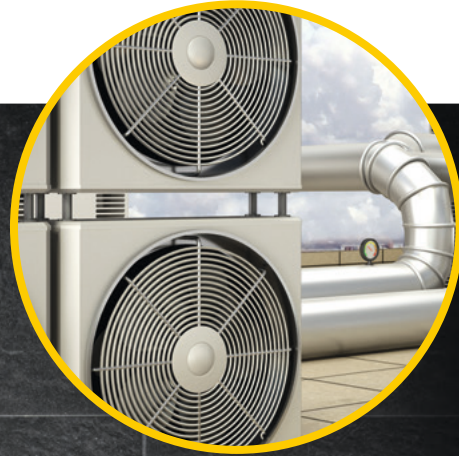
Booth technology

From systems for new and small businesses to fully automatic powder coating including pre- and/or post-coating, we always offer the right solution for fast color changes and efficient material utilization.



Powder centers

The powder center, as the heart of the powder supply, ensures that the required quantity of material is conveyed to the guns. Whether you want to feed the powder from the original container or from other containers – we support you professionally and competently in the selection of the right feeding technology for your coating requirements.



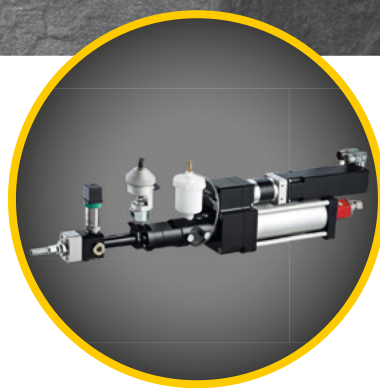
Heating & cooling equipment

Outdoor products such as exhaust pipes and fans require reliable UV protection. Trim elements, which can consist of many different colors, are generally coated with powder coatings and certain accessories with liquid coatings. Bonding and sealing processes connect the components to the metal frame.



Low-pressure application

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Piston metering system

The Reinhardt-Technik Vecdos range of high performance servo driven metering systems is the ideal solution for any periodic metering application. The volumetric shot metering units are modular, and can be flexibly combined for different mixing ratios.

Solutions for water heaters

Fully automated paint application provides effective protection against corrosion. Enamel powder coatings are used to achieve robust interior coatings, while the exteriors are coated with standard powder coatings to provide a visually appealing finish (generally in white).

Insulation

Bonding of insulating foam and accessories.

Parts for exterior use

These parts are mostly powder coated in one color (white) to obtain a visually attractive surface.

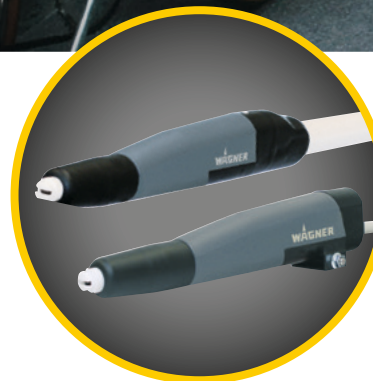
Corrosion protection

Fully automatic application on water heaters with enamel powder coating as protection against corrosion.



Moving technology

Whether long or short stroke, with the flexible motion units, you can carry out any individual motion sequence with precision. In combination with the horizontal sliding table, more complex movements can also be carried out and workpieces can thus be coated efficiently.



Automatic powder coating

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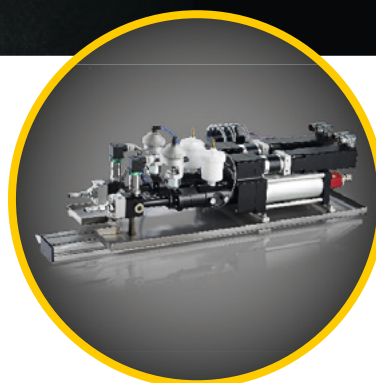
Plastic accessories

Since plastic workpieces cannot be subjected to a powder curing process, a liquid coating with low coating thickness is used.



2K systems

With the TwinControl, 2K Smart, 2K COMFORT and Cobra 2K mixing and dosing units, WAGNER offers a powerful product family that fully meets different requirements for numerous industrial applications.



Piston metering system

The Reinhardt-Technik Vecdos range of high performance servo driven metering systems is the ideal solution for any periodic metering application. The volumetric shot metering units are modular and can be flexibly combined for different mixing ratios.

Solutions for small domestic appliances

The high quality of WAGNER systems enables reliable performance and flexibility, fast color changes and high-quality application results for decorative applications, even in the production of smaller domestic appliances.

Bonding & sealing

Bonding and sealing of the water tank and the steam chamber with 1-component or 2-component silicones.

Liquid coating

Liquid applications for high gloss results and mechanical strength.



Manual & automatic powder coating

Our manual guns and systems stand out due to their easy operation, our automatic systems due to their high efficiency. This technology is the result of a continuous further development for strong performance in a multitude of coating applications.



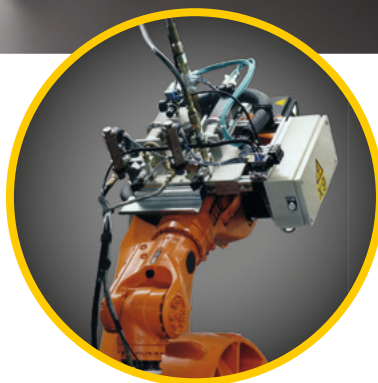
Low-pressure application

WAGNER offers airspray guns as manual and automatic versions with or without electrostatic support. They achieve very high surface quality, fine atomization and minimal droplet sizes.



Pressure tanks

With WALTHER PILOT pressure tanks, the material flow is absolutely pulsation-free, allowing excellent spraying results. The time-consuming refilling of guns and pressure tanks with all other current air atomization guns is no longer necessary.



Gear metering system

The ContiFlow Robot from Reinhardt-Technik offers reproducible metering precision and mixing performance. The system is suitable for processing liquid to highly viscous single or multi-component material.



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