



Innovative surface technology  
for industrial applications.

# Automotive

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# 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.

We offer customized solutions to meet automotive suppliers' requirements for high-quality surfaces and safe production processes. Our coating, bonding and sealing products can be used for various automotive parts, such as plastic, metal interior and exterior components, alloys, steel wheels or decorative parts. Our reliable after-sales service ensures a long product life and high profitability for your company.



## 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:

- Suspension springs
- Stabilizers
- Seat components
- Headrest bars







## Liquid Coating

WAGNER offers components and solutions for the automatic and manual application of 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:

- Exterior plastic parts
- Headlights
- Airbags
- Dashboard trim
- Exhaust system



## Bonding & Sealing

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:

- Mirror housing
- Gas/petrol cap
- Windshield
- Bumpers
- Battery bonding
- Car headlights



# Solutions for plastic exterior components

Automotive exterior parts require perfect surfaces. In addition to the adhesion of the paint to the plastic WAGNER offers the right solution for spraying high and low runners on basecoats in high quality.

The mixed clear coat is the final touch.

## Headlights

We offer a wide range of high quality products for the sealing and bonding of headlights.



## Feeding pumps & paint supply

Low-pressure feeding pumps ensure an optimum and reliable color supply. They convert energy into perfect performance and enable a constant, pulsation-free material flow – even over long distances between the paint room and the application point.



## Mixing & dosing systems

Whether mechanical, electronic, low or high pressure, automatic or manual coating – with the WAGNER mixing and dosing systems, 2K to 4K materials can be reliably processed.





### **Mirror housing & gas cap**

Liquid paint in three coats with primer, base coat and clear coat ensures a perfect color match. In addition, we also offer suitable adhesive applications.

### **Door sills**

Small parts with high demands on the coating system can be efficiently coated with WAGNER mixing systems.

### **Front & rear bumper**

With our liquid paint technology, we offer outstanding coating quality. Highly efficient applicators and mixing systems for applying a wide variety of 1K and 2K paint systems are used, for example, on bumpers.



### **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.



### **Gear metering system**

The ContiFlow Vario from Reinhardt-Technik is a compact and variable tabletop unit for manual and semiautomatic production processes.



# Solutions for plastic interior components

WAGNER coating technology enables a variety of colors and surface effects, e.g. decorative colors, soft-touch, laser lacquers or even high-gloss piano lacquers - for an individual design. Our solutions also meet high safety requirements, for example thanks to elastic coatings for airbags.

## Instrument cluster

With WAGNER solutions decorative colors can be applied fully automatically.

## Airbag modules

The special feel and flexibility of the airbag can be created, among other things, with the aid of WAGNER liquid dosing systems.



## Pressure tanks

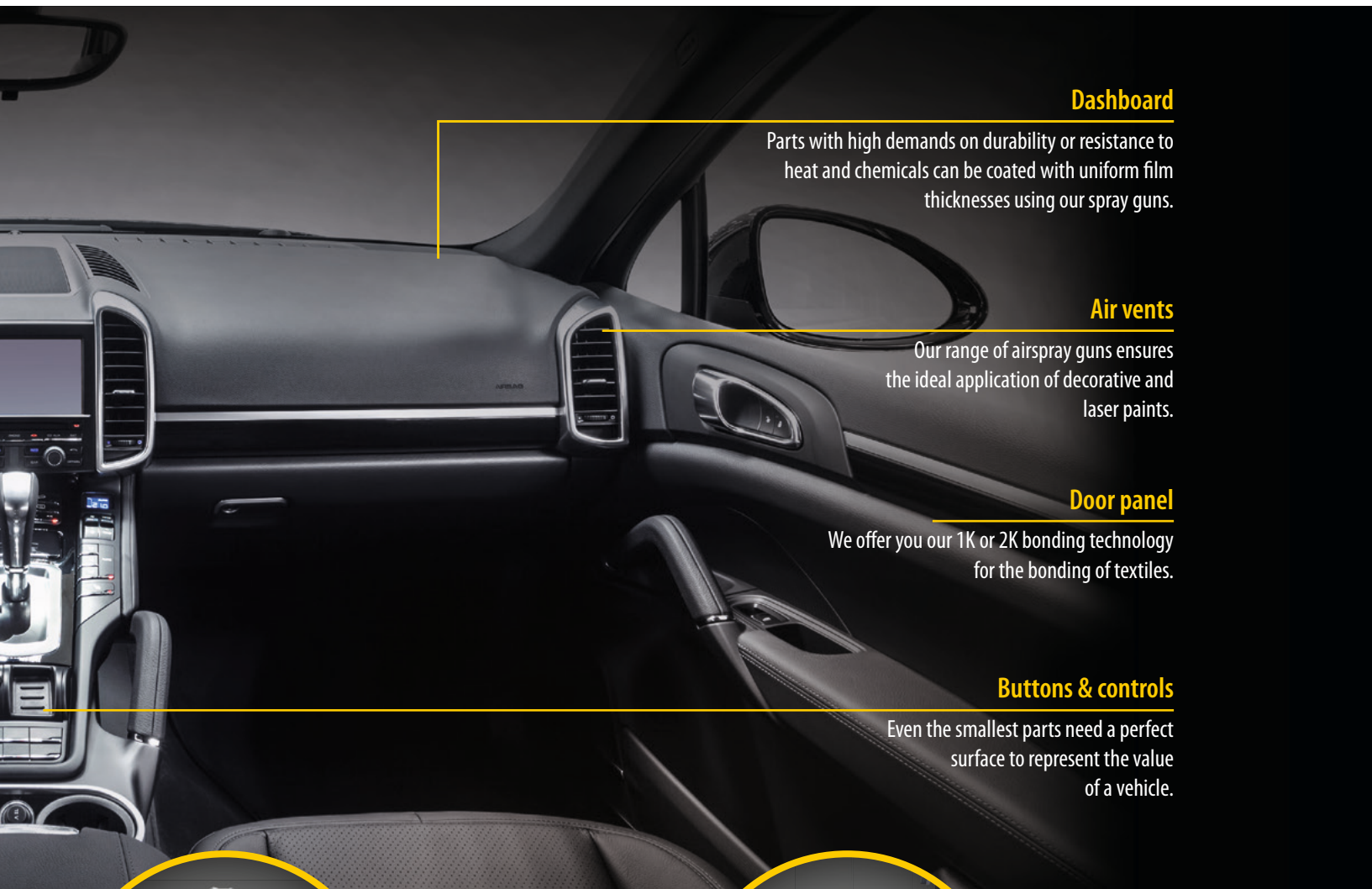
With WALTHER PILOT pressure tanks, the material flow is absolutely pulsation-free, allowing excellent spraying results. The time-consuming refilling of guns and pressure tanks common to all other current air atomization guns is no longer necessary.



## Feeding pumps & paint supply

Low-pressure feeding pumps ensure an optimum and reliable color supply. They convert energy into perfect performance and enable a constant, pulsation-free material flow - even over long distances between the paint room and the application point.





### **Dashboard**

Parts with high demands on durability or resistance to heat and chemicals can be coated with uniform film thicknesses using our spray guns.

### **Air vents**

Our range of airspray guns ensures the ideal application of decorative and laser paints.

### **Door panel**

We offer you our 1K or 2K bonding technology for the bonding of textiles.

### **Buttons & controls**

Even the smallest parts need a perfect surface to represent the value of a vehicle.



### **LSR processing**

The LSR eTwin Connect from Reinhardt-Technik represents the new generation of dosing and mixing systems for liquid silicone. With an extremely precise mixing accuracy and material utilization of up to 99.75%, the system meets all requirements for modern LSR processing.



### **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.



# Solutions for metal exterior components

Metal components such as springs and brake discs must reliably withstand external influences such as corrosion and different road conditions. WAGNER offers intelligent solutions for the functional coating of these components.

## Stabilizers

With our powder coating solutions, high coating thicknesses can be achieved under VOC-free conditions.

## Suspension springs

We supply the right solution even for high-quality coatings of wheel suspensions with coil springs - for standard processes and the most demanding tasks.

## Brake discs

UV application on brake discs can be carried out with our spray guns.

## Brake caliper & steering gear

Micro corrosion protection is possible with our liquid coating technology.



### 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 paint supply

The ZIP and Unica air-operated diaphragm pumps have been specially designed for reduced air consumption, combined with better performance and high reliability. The wide range of applications makes it possible to apply even corrosive, abrasive and highly viscous liquid media.



### Shock absorbers

For the coating of shock absorbers, we offer both application with high-rotation atomizers and special technologies for adhesive application.

### Wishbone

High corrosion protection can be achieved with our liquid coating technology.

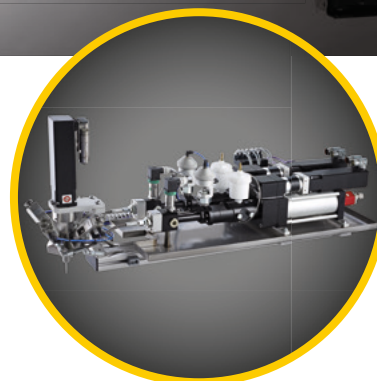
### Venting

Electrostatic airspray guns are ideal for applying paint that must withstand high temperatures.



### Gear metering system

The ContiFlow Vario from Reinhardt-Technik is a compact and variable tabletop unit for manual and semiautomatic production processes.



### 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 metal interior components

Construction elements for dashboards, seats or seat belts are small but important components that require a reliable and high-quality surface. WAGNER powder solutions enable VOC-free applications.

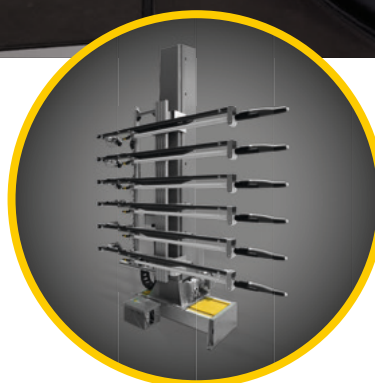
## Metal parts for seats & seat suspensions

To achieve high thickness and abrasion resistance, we use Corona technology for fully automated coating processes.



## High-speed rotation atomizers

WAGNER high-speed rotation atomizers are ideal for electrostatic application with water and solvent based paints. Extremely efficient coating is achieved for both small workpieces and large surfaces.



## 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.



### **Building material for instrument panels**

High-tech surfaces are required even in hidden areas of the vehicle. We offer perfect solutions for micro-corrosion protection.

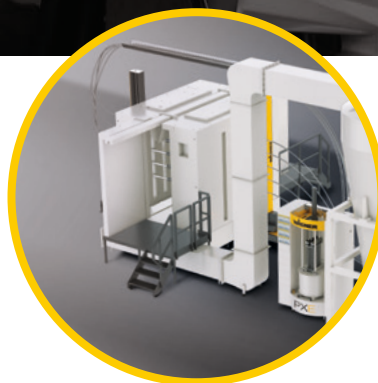
### **Inserts for upholstery**

Our Tribo and Corona powder coating technology is chosen for VOC-free applications.



### **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 process of continuous further development to achieve strong performance in a multitude of coating applications.



### **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.



# Solutions for alloys & steel wheels

Shiny wheels are eye-catching, but they also have to shine with outstanding performance to withstand different road and weather conditions. WAGNER offers solutions for steel, aluminum and carbon wheels.

## Aluminum wheels

We offer a combination of liquid and powder coating technologies for the application of primer, base coat and clear coat.



### Low-pressure paint supply

The ZIP and Unica air-operated diaphragm pumps have been specially designed for reduced air consumption, combined with better performance and high reliability. The wide range of applications makes it possible to apply even corrosive, abrasive and highly viscous liquid media.



### Low-pressure application

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

### Steel wheels

Cathodic dip painting for reliable corrosion protection and silver coatings for visual effects are used for the high requirements in wheel coating.



### "Diamond Cut" wheels

Different finishes and layers require engineered builds. Primer, base coat and clear coat are the basic components for a perfect finish.



### 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.



### Special system for wheel coating

The flexible C-Line coating unit is the solution for high-quality, highly automated wheel coating in a small space. The 3D axis system moves all powder guns simultaneously with the wheel through the booth and creates a moving powder cloud – for high application efficiency and uniform coating thicknesses.





# Solutions for decorative parts & other components

WAGNER products and solutions can also be used for coating decorative trim and window guides made of aluminum and for logos and emblems made of plastic.

## Glazing

Optimal results for glazing can be achieved with our ContiFlow and Vecdos eTwin sealing and bonding solutions.

## Decorative trims

Sol-gel applications with a short pot life are suitable for coating decorative parts.



### Low-pressure paint supply

The ZIP and Unica air-operated diaphragm pumps have been specially designed for reduced air consumption, combined with better performance and high reliability. The wide range of applications makes it possible to apply even corrosive, abrasive and highly viscous liquid media.



### Low-pressure application

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



### Release agent for molded parts

Our AquaCoat technology achieves uniform layer thicknesses and saves release agents.

### Front grille, logos & emblems

WAGNER airspray technology protects the vacuum evaporated, metallized object.



### Gear metering system

The ContiFlow Vario from Reinhardt-Technik is a compact and variable tabletop unit for manual and semiautomatic production processes.



### Electrostatic system for water-based coatings

WAGNER AquaCoat systems have been developed for the electrostatic processing of water-based coatings and release agents. They enable fine atomization and homogeneous wetting with minimal coating thicknesses.





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