



# Your expectations **our solutions!**



## Coating, bonding & sealing for automotive

Perfect surfaces.

Individual configuration.

High efficiency & reliability.

**WAGNER** GROUP



# We accept challenges.

WAGNER GROUP: strong brands – strong performance



We offer devices, equipment, and systems for all industrial surface coating, sealing and bonding applications. Our innovative products and solutions stand out due to their quality, efficiency and productivity.

As a market leading manufacturer of high tech systems, we offer components for the application of liquid and powder lacquers and paints to surfaces. As one of the few providers in this market we offer a complete product and technology range for the complete process sequence, starting with feeding the product, followed by mixing, moving and controlling to finishing the optimal application to the surface. Efficient use of resources, maximum quality and cost-effectiveness is our maxim - in every case!

## WAGNER Development center

The modernly equipped WAGNER Development Center sets new standards for the development of products and solutions for the surface coating industry - be it for the first idea or the series production start. The WAGNER Development Center also ensures compliance with all national and international standards and regulation as part of the product development.

## WAGNER Technology center

At our Markdorf site, WAGNER has a unique technology center with a floor space of more than 1,400 m<sup>2</sup> for liquid and powder coating. As well as using the center for our own product development and for training purposes, it is also available to product manufacturers and coaters, for them to work with WAGNER to develop process parameters and system configurations for optimum coating results.

## WAGNER Service

Always near you - the WAGNER service network. WAGNER offers its customers a global service. At our locations you will always find the right contact person with an answer to all technical questions. We recommend regularly undertaking preventative checks and maintenance on your system. Various qualified and certified services (e.g. maintenance contracts, operational reliability checks) are available for this purpose.

## WAGNER Distribution support

WAGNER has a large network of qualified distributors around the world. Depending on their specialization, they provide not just components and spare parts but also solutions and various user advice services. For information about your nearest WAGNER dealer, please visit our website <http://www.wagner-group.com/en/service/service-for-industry/wagner-service-partners/>

Are you interested in becoming an agent for WAGNER industrial products? We can offer you comprehensive support with a wide range of services to assist you:

- Extensive training, providing information on applications, products, and services in the WAGNER Academy
- Marketing support for trade fairs, events, and your media presence
- Technical advice to help you design optimum solutions
- Competent service to support products during use
- Web-based dealer information and the WAGNER dealer shop
- Friendly customer service for special orders and developments



# Experience fascinating surfaces

Automotive parts must fulfill highest quality and safety requirements.

WAGNER offers ideal solutions for coating, bonding and sealing and guarantees optimal results, not only for visual, but also protective aspects.



The WAGNER Group provides solutions that are individually tailored to meet the demands of automotive suppliers for high-quality surfaces and reliable production processes. Our products for coating, bonding and sealing can be applied for various automotive parts, such as interior and exterior plastic and metal components, alloy and steel rims, or decorative parts. Our reliable after-sales service guarantees long product lifetimes and a high profitability of your business.



## Powder coating

We supply a wide range of custom-built solutions for powder coating applications. They stand out through their versatility, rapid color change, ease of cleaning and environmentally friendly powder recovery.

### Application areas:

- Suspension coil springs
- Stabilizer bars
- Seat components
- Headrest rods



## Liquid coating

WAGNER provides components and solutions for solvent-based and waterborne materials for manual and automatic application processes. Main factors are reliable surface and corrosion protection.

### Application areas:

- Exterior plastic coating
- Head lights
- Airbags
- Dashboard panels
- Exhaust systems



## Bonding & sealing

Our bonding and sealing solutions enable new material combinations, increased quality, possible down-sizing and weight reduction within a simplified production process.

### Application areas:

- Mirror housings
- Gas/petrol cover
- Windscreen & glazing
- Front & rear bumper



# Solutions for exterior plastic components

Automotive exterior parts require perfect surfaces. Besides the adhesion of the paint on the plastic, WAGNER offers the right solution to spray high and low runners at base coat in a superior quality. The mixed clear coat is the final touch.



## Head lamps

We offer a large range of superior products for the sealing and bonding of head lamps.



## Mirror housing & petrol covers

Liquid coating in three layers with primer, base coat and clear coat guarantee a perfect color matching. We also provide suitable glue applications.

## Door trims

Small parts with good protection require an intensive preparation with the WAGNER 1K dosing and 2K mixing devices.

## Front & rear bumper

With our liquid coating technology, including Evobell and spray guns, we offer excellent first run rates for the coated objects. Outstanding processes with flaming, 2K primers, 1K and 2K base coats.



## WAGNER Feeding pumps & paint supply

WAGNER low-pressure feeding pumps ensure an optimal, reliable paint supply. They convert energy into perfect performance and provide a constant, pulsation-free material flow – even over great distances between paint room and point of application.



## WAGNER 1K and 2K dosing units

Multi-component mixing and dosing systems equipped with dosing pumps, along with bypass and gear flushing valves.



## WAGNER Low-pressure application technology

WAGNER offers Airspray guns as manual and automatic versions, with or without electrostatic support. They achieve the highest surface quality, finest atomization and the smallest droplet size.



## REINHARDT ContiFlow vario

The Conti Flow Vario is a compact and variable table-top unit for manual or semi-automatic production processes.



# Solutions for interior plastic components

You can benefit from a wide range of colors and surface effects, e.g. decor paints, soft touch or laser paint, or even high-gloss piano finish - for an individual interior design. Our solutions also fulfill safety requirements, e.g. with elastic coatings for airbags.



## Instrument cluster

The fully automatic application of decor paints is a specialty of WAGNER. We also offer solutions for glue application.

## Airbag modules

The haptic and flexibility of the airbag can be generated thanks to WAGNER dosing equipment for liquid coating.

## Middle console

We provide you with individual solutions - for individual interior materials & designs.

## Dashboard

Parts with high demands for durability and resistance to heat or chemicals can be ideally coated with our range of spray guns for even film thicknesses.

## Air vents

Our Airspray gun portfolio will guarantee an excellent application of decor and laser paints.

## Door panels

We provide you with our 1 or 2K glue application technology for the bonding of fabrics.

## Buttons & knobs

Even the smallest parts need a perfect surface to represent the value of the automobile. Our mixing and dosing equipment helps you to achieve this.



## WALTHER PILOT Pressure tanks

With our pressure tanks, the material flow is absolutely free of pulsation, which leads to excellent spraying results. No more time-consuming refilling of gravity feed and pressure cups for all conventional air atomizing guns.



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## REINHARDT LSR Conti Mix

The powerful meter mix plant for continuous, high volume LSR processing impresses with programmable and variable discharge amounts for different volumes.



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# Solutions for exterior metal components

Certain metal components like springs and brake discs must withstand high impacts from corrosion and different road conditions like gravel. WAGNER offers intelligent solutions for the functional coating of those parts.



## Stabilizer bars

High film thicknesses under VOC-free conditions can be achieved with our powder coating solutions.

## Suspension coil springs

We deliver the right solution even for high quality coatings of suspension coil springs - both for standard processes and tasks with higher demands.

## Brake discs

With our range of spray guns, UV application can be performed on brake discs.

## Brake caliper & steering gearbox

Micro corrosion protection is made possible with our liquid application technology.



## Shock absorber

We both provide the Evobell application for the coating of shock absorbers, and special technology for glue application.

## Wishbone

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

## Exhaust

WAGNER electrostatic Airspray guns are ideally suitable for the application of paints that are resistant to high temperatures.



## WAGNER Powder automatic application

WAGNER automatic guns ensure superior surface results and high transfer rates. They follow the work piece geometry fully automatically and with highest precision.



## WAGNER Low pressure paint supply

The ZIP and UNICA pneumatic double diaphragm pumps were designed specifically for reduced air consumption coupled with better performance and maximum reliability. The exclusive design and the broad application spectrum enable its use for corrosive, abrasive and highly viscous liquid media.



## REINHARDT ContiFlow vario

The Conti Flow Vario is a compact and variable table-top unit for manual or semi-automatic production processes.



## REINHARDT Vecdos eTwin

The Vecdos series of servo driven high-performance metering units is the ideal solution for any intermittent metering application. The volumetric shot metering units are modular and flexible in combinations for different mixing ratios.



# Solutions for interior metal components

Construction elements for dashboards, seats or safety belts - small, but essential parts that require a reliable, high-quality surface. WAGNER powder solutions guarantee VOC-free applications.



## Pulleys of safety belts

Pulleys require PTFE coatings for a smooth sliding and easy operation of the safety belt.

## Metal parts for seats & seat springings

To achieve higher thicknesses and abrasion resistance, we use the Corona technology for fully automatic application processes.

## Construction material for instrument panels

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

## Inlay for paddings

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



## WAGNER Evobell

WAGNER has developed a new generation of high-speed rotary atomizers that set new standards in the areas of surface finish, lacquer saving, reliability, safety and ease of servicing.



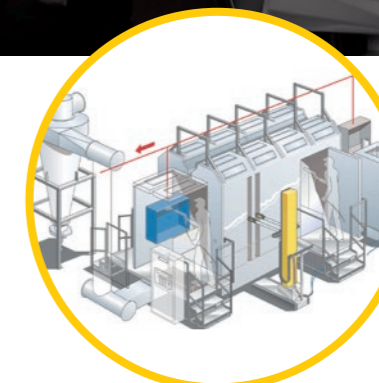
## WAGNER Moving systems

The WAGNER product portfolio for movement technologies covers all axes that are important for achieving excellent coating results. The product palette offers various systems with a solution for any coating application.



## WAGNER Powder application

The WAGNER powder guns allow greater efficiency and perfection both with manual and automatic coating.



## WAGNER Booth technology

Ranging from low-cost booth systems for entry-level applications and small operations to fully automatic powder coating units combined with pre- and post-coating, we have the ideal solution for a rapid paint change and efficient powder use.



# Solutions for alloy & steel rims

Shining rims are an eye-catcher, but also require an outstanding performance to withstand different road and weather conditions. WAGNER offers solutions for steel, alloy and carbon rims.



## Alloy rims

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

## Steel rims

Our fully automatic solutions using robots and a combination of our AirSpray and Evobell technology are the key factor for surface protection and brilliance.



## Truck rims

Dip-paint coating (KTL) for corrosion protection and silver paintings for visual effects are used for high demands in automotive finishing.

## Diamond cut rims

Different surfaces and layers require engineered setups. Primer, base coat, KSL, AWD and clear coat are basic components for a perfect finish.



## WAGNER Zip & Unica double diaphragm pumps

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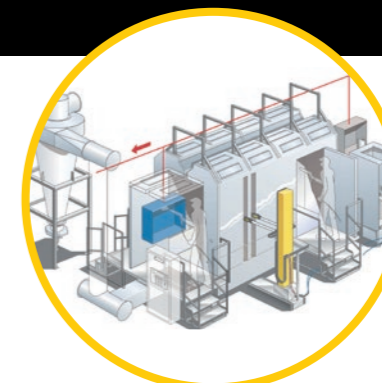
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# Solutions for decoration & other components

WAGNER products and solutions can also be used for the coating of decorative trims and window guides made of aluminum, as well as logos and emblems made of plastic.

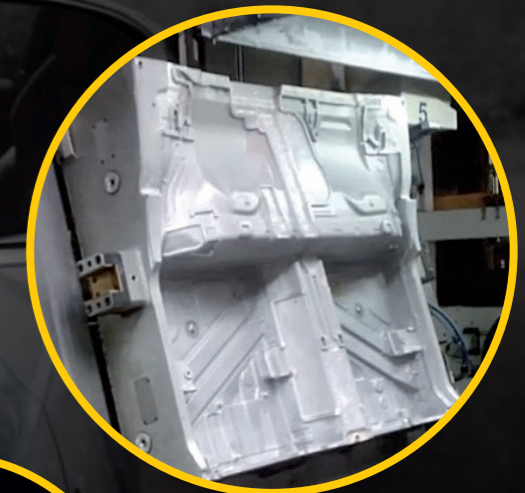


## Glazing

Optimal results for glazings can be achieved by our sealing and bonding solutions Conti Flow and Vecdos eTwin.

## Decor trims

We offer the right solutions for decorative parts using sol-gel applications with a short pot life.



## Release agents for moulding

We offer our AquaCoat technology to achieve an even thickness and save release agents.



## Frontgrill, logos & emblems

Our Airspray technology protects the vacuum vaporized, metallized object.



## WAGNER Zip & Unica double diaphragm pumps

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## WAGNER Water-based release agents

WAGNER has developed the optimized AquaCoat 5010/5020 systems for the electrostatic processing of water-based release agents. It enables ultra-fine atomization and homogeneous wetting with the lowest coating thicknesses.



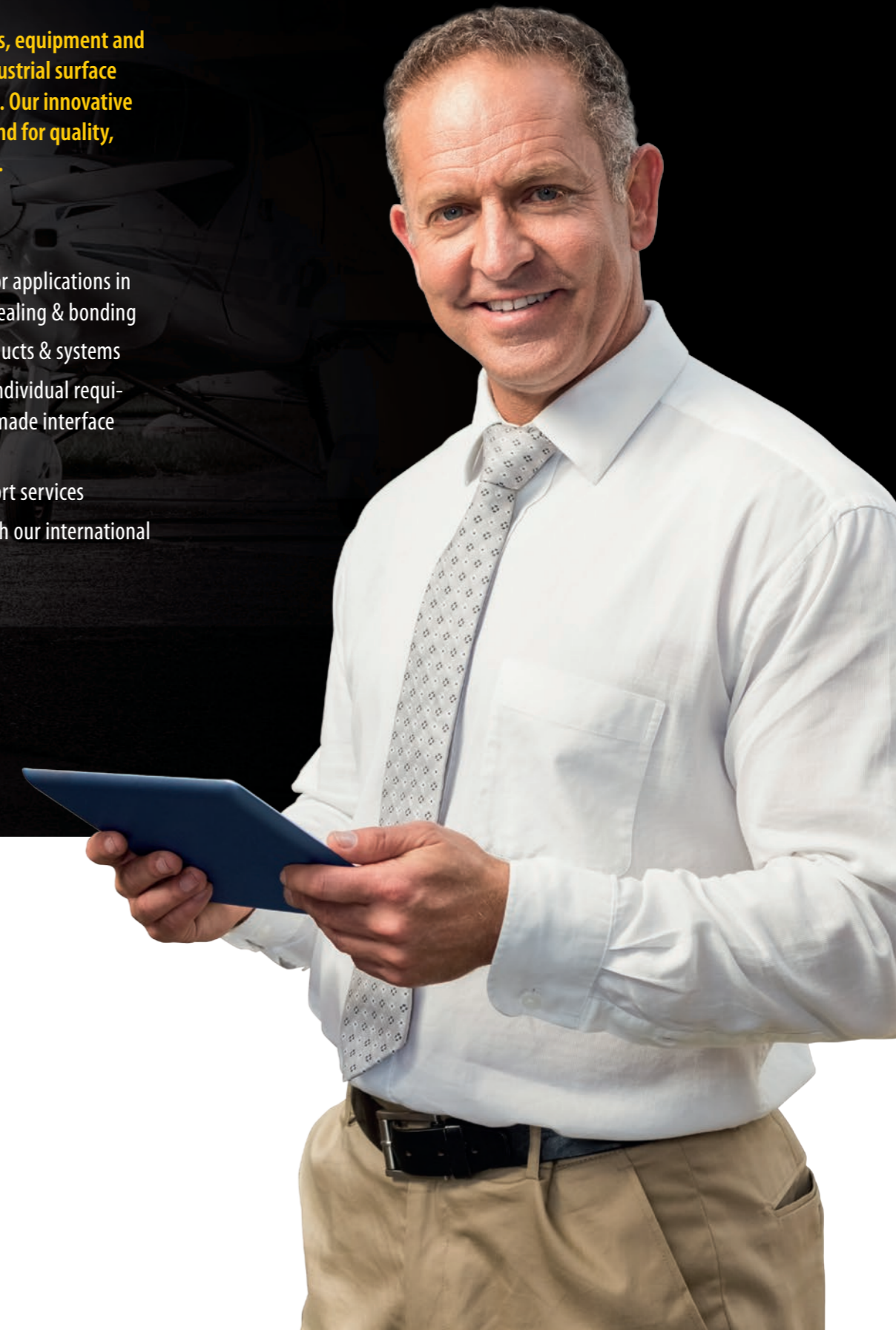
„With WAGNER solutions, we can achieve cost-effective production processes.“



WAGNER supplies machines, equipment and systems for all areas of industrial surface coating, sealing & bonding. Our innovative products and solutions stand for quality, efficiency and productivity.

**Your advantages:**

- Complete product range for applications in liquid & powder coating, sealing & bonding
- High-quality, durable products & systems
- Customized solutions for individual requirements, including tailor-made interface management
- Extensive training & support services
- Worldwide availability with our international locations & sales network







### J. Wagner GmbH

Industrial Solutions  
D-88677 Markdorf  
T +49 (0) 7544 505 - 0  
F +49 (0) 7544 505 - 1200  
www.wagner-group.com

### Walther Spritz- und Lackiersysteme GmbH

Kärntner Straße 18 - 30  
D-42327 Wuppertal  
T +49 (0) 202 787 - 0  
F +49 (0) 202 787 - 2217  
www.walther-pilot.de

### Reinhardt-Technik GmbH

Waldheimstraße 3  
D-58566 Kierspe  
T +49 (0) 2359 666 - 0  
F +49 (0) 2359 666 - 129  
www.reinhardt-technik.de

### C.A. Technologies

Coating Atomization Technologies  
337 S. Arthur Ave.  
Louisville, CO 80027  
T +1 888 820 4498  
F +1 303 438 5708  
www.spraycat.com

www.wagner-group.com



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