

WAGNER

Innovative surface technology
for industrial applications.

Agriculture, Construction & Transportation



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.

The coating of system components in the fields of agriculture, construction and transport must meet the highest quality and safety requirements. Trucks, buses, forklifts, tractors, combines, RVs and other machinery - each of these products requires a special surface coating that must withstand potentially extreme conditions (e.g. mining operations) or diverse external influences. We can advise you on the selection of the ideal products to achieve high-quality and reliable coating results.



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:

- Steel machine components
- Metal parts
- Chassis & frames
- Springs & tubes





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:

- Parts & frames with special dimensions
- Plastic interior components
- Dashboards
- Outer side panels
- Cabins (of trucks, tractors, etc.)



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:

- Windscreens & glazing
- Cab interiors
- Front & rear bumpers
- Mirror housings
- Headlights

Solutions for trucks, buses & other vehicles

Increasing demand in the transport sector is leading to growing production of trucks, buses and motor homes. Surface technology must be adapted to this development. WAGNER offers numerous liquid and powder coating systems as well as equipment for bonding and sealing applications.



Interior components made of plastic

Our liquid coating solutions are ideal for the processing of plastic parts in the interior of vehicle cabins.

Exterior components

Exterior components of the vehicle cabins also require a perfect liquid coating.

Headlights

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



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.



Feeding pumps & paint supply

Low-pressure feeding pumps ensure an optimum and reliable paint 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.



Windshields

With the products of Reinhardt-Technik we offer different options for the bonding of windshields.



Chassis

With our portfolio, we enable you to efficiently powder coat the chassis components of trucks, buses and motor homes. Cathodic dip painting is also used here.



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.



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 rail vehicles

High-quality surface treatment is also fundamental in railroad construction. Whether for application on railcar bogies or for the exterior coating of passenger cars - the equipment available from WAGNER is as versatile as the complex requirements of this industrial sector.



Train car

The coating of train cars, motor bogies, Scharfenberg couplings and seals is usually carried out with the aid of 2K liquid coating systems. Corrosion protection plays an important role in this field of application.

Interior components

The applying of adhesives and sealants is used in the processing of seats, windows and other interior components of trains.

Airspray guns

Almost all coating materials can be processed with airspray guns. These include not only paints and varnishes, but also adhesives, release agents, oils, etc. The electrostatic guns are available as versions for solvent and water-based paints. With them, you can achieve an efficient application efficiency with high surface quality at the same time.

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.



Exterior components

The exterior parts of locomotives and passenger cars must not only look good, but above all conform to all relevant aspects of protection. Our liquid coating technologies offer perfect solutions for this.



Pump technology

Whether paints, stains, release agents, primers, adhesives, chemicals, high or low viscosity, aqueous or with high solids content - WAGNER offers the right feeding pump for every medium and application. Our pumps are a compelling proposition with their consistent performance, low-icing air motors, high reliability, ease of maintenance, low wear, and low energy consumption.



Processing of 1-component polyurethane

The Visco Star series from Reinhardt-Technik was specially developed for the economical processing of 1-component polyurethane. Despite its high performance, the system has a very low energy requirement.

Solutions for agriculture

To support the performance of agricultural machinery with resistant surfaces, WAGNER offers special coating solutions. The focus here is on sustainable production processes - with our technologies we help to reduce the use of VOCs, paints and solvents.



Cabins

WAGNER offers various products for coating external and internal components of vehicle cabins. The frame is usually powder coated, while the interior components made of plastic, such as dashboards, are coated with liquid paint.

Large-surface applications

An important area of application for powder and liquid coating solutions are large surfaces of powerful agricultural vehicles, such as plastic surfaces of combine harvesters.



Manual & automatic powder coating

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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.



Windshields & headlights

We offer solutions for the bonding and sealing of windshields and headlights.

Wheels

Wheel surfaces of agricultural vehicles made of steel can be coated with two-component powder or liquid paint. These surfaces must withstand various challenges, such as corrosion and temperature fluctuations.



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.



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.

Solutions for light construction machinery

Small and medium-sized construction machines range from small rolling machines for roads and construction sites to concrete mixers to forklifts or mini-excavators. WAGNER offers suitable solutions for the special coating requirements of these machines.

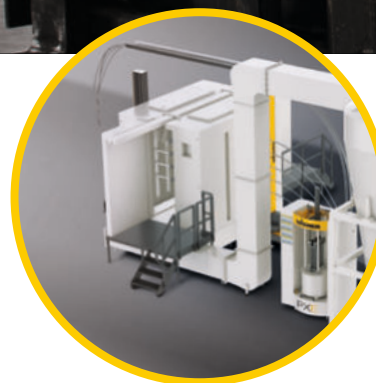
Metal equipment

Light metal construction equipment, such as concrete mixers or forklifts, are generally powder coated.



Automatic liquid coating

The GA 4000AC automatic AirCoat gun with optional internal or external control was designed for use in automated painting systems and achieves a very high application efficiency.



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.



Other components

Liquid paint solutions play a role in the processing of accessory components such as pistons, axles and other parts.



Plastic components

Liquid paints and coatings are used to coat plastic components of light construction machinery, such as cabs, seats or steering wheels of forklifts.



Electrostatic guns

The GA 5000 automatic electrostatic gun is the ideal solution for automation requirements in the coating industry. The gun enables significantly more efficient material use compared to conventional application methods. In combination with the associated control unit, material consumption is significantly reduced through optimized application.



Gear metering system

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

Solutions for heavy construction machinery

Harbor cranes, heavy machinery for mining, asphaltting machines - their surfaces must withstand difficult environmental conditions (temperature fluctuations, underground operation, splashes and stone chips, etc.).



Large components

The WAGNER Tribo lance offers an ideal solution for the powder coating of long and tall machine components.



Manual application

The Tribo lance is suitable for coating large workpieces. The Tribo process allows weld seams, recesses and cavities to be coated very well. Even the application of high layer thicknesses in the range of 300 μm is possible. In the telescopic shaft version, the coater can work safely from the ground and gets an enormous reach.



AirCoat applications

The combination of airless and airspray ensures high atomization quality and a reliable application efficiency. AirCoat produces excellent coating quality at significantly lower spray pressure than airless. Manual and automatic applications are possible.



Steel constructions

Electrostatic equipment and 2K mixing and dosing units are ideal for large steel structures such as cranes. We offer a wide range of electrostatic equipment for liquid and powder coating as well as suitable mixing and dosing units.



Special machine components

Liquid coating is used for specific parts of heavy construction machinery, for example hydraulic components.



Electrostatic guns

WAGNER electrostatic manual and automatic guns are a compelling proposition with their high reliability, process and work safety. Due to the external power supply with the WAGNER control units, the guns are very light, robust and vibration-free. The operating design makes them as versatile as they are easy to handle.



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.

Solutions for containers & trailers

There are numerous coating techniques for applying liquid and powder coatings to workpieces with large dimensions, for example on containers or trailers. WAGNER has developed fully automatic coating solutions for these areas of application.

Containers

WAGNER offers customized solutions for the coating of large containers - from airless systems for liquid coating to automatic booths for powder coating.



Manual & automatic powder coating

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Airless application

WAGNER airless guns meet all requirements for the use of highly filled and highly viscous coating materials. The quality of the components and materials used ensures high availability and low downtimes.



Transport trailers

Electrostatic liquid coating and the processing of adhesives and sealants are used for transport trailers.



PROTEC 2K mixing & dosing unit

The WAGNER PROTEC 2K was specially developed for applications involving heavy corrosion protection. Wherever highly filled 2K materials are used, it takes over both the precise dosing of the components and the complex and time-consuming mixing. Its ease of operation is also impressive.



Ecostar evoclass

The Ecostar evo series of manual two-component dosing and mixing systems offers a range of features and improvements, while the proven and reliable core components still form the basis of the successful Ecostar line.



Wagner International AG
Industriestrasse 22
9450 Altstätten
Switzerland
+41 71 7572211
wagner_ch@wagner-group.com

Wagner Industrial Solutions Scandinavia AB
Skolgatan 61
568 31 Skillingaryd
Sweden
+46 370 79830
info.se@wagner-industri.com

WALTHER Spritz- und Lackiersysteme GmbH
Kärntner Straße 18 - 30
42327 Wuppertal
Germany
+49 202 787 0
info@walther-pilot.de
www.walther-pilot.de

J. Wagner GmbH
Otto-Lilienthal-Straße 18
88677 Markdorf
Germany
+49 7544 505 0
info@wagner-group.com

Wagner Spray Tech Corporation
1770 Fernbrook Lane North
Plymouth, Minnesota 55447
USA
+1 763 5537 000
custserv@wagnerspraytech.com
www.wagnersystemsinc.com

Reinhardt-Technik GmbH
Waldheimer Straße 3
58566 Kierspe
Germany
+49 2359 666 0
info-rt@wagner-group.com
www.reinhardt-technik.de

Wagner S.p.A.
Via Santa Vecchia, 109
23868 Valmadrera (LC)
Italy
+39 0341 210100
wagner_it_va@wagner-group.com

Wagner Spraytech (Shanghai) Co., Ltd.
1st Floor, No. 58, 3rd Jiangchang Road
Jing'an District
Shanghai 200436
China
+86 2166521858
wagnersh@wagner-spraytech.com.cn