



Innovative surface technology
for industrial applications.

Protective Coating



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.

With our technologies, we develop customized solutions to meet the high demands of Protective Coating applications for bridges, containers, pipelines, wind and solar power plants, among others. The use of high-strength and high-viscosity coating materials serves to protect objects from external influences such as precipitation, chemical substances or salt water. Our durable and robust components ensure high system availability and low downtime: For excellent results even under the toughest working conditions.



Powder Coating

We supply customized powder coating solutions for protective applications. They are characterized by their versatility, rapid color change, and easy-to-clean and environmentally friendly powder recovery, enabling long-lasting results.

Typical applications:

- Tubes
- Reinforcing bars
- Boilers
- Structural parts





Liquid Coating

Our PROTEC product line has been specially developed for demanding applications. The high performance ensures reliable coating results.

Typical applications:

- Vessels & containers
- Pipes & pipelines
- Bridge coating & repair
- Wind turbines
- Solar plants



Bonding & Sealing

We offer a wide range of products for processing liquid single- or multi-component materials for bonding, sealing or encapsulating processes. From simple manual applications through complete solutions with fully automated robot cells and integrated process control.

Typical applications:

- Solar thermal & photovoltaic modules
- Wind rotor blades
- Buildings & structures
- Sandwich panels / insulation
- Windows & doors
- Gas meters

Solutions for tanks & containers

Tanks and containers must be coated both externally and internally for a high level of protection. Robustness and reliable resistance to weathering and chemical influences are crucial properties here.

Large dimensions

The robust and reliable WAGNER pumps are ideal for use in coating large-area objects with high-strength materials.



High-pressure paint supply

The Tiger 72-300 high-pressure piston pump provides reliable thick-film corrosion protection with large-area material application.



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.



Robust surfaces

WAGNER 2K units are capable of processing high-strength materials with an extremely precise mixing ratio.



TwinControl 2K mixing & dosing units

The ideal entry-level solution for 2K applications. Thanks to its cost-effectiveness, compactness and ease of operation, the mobile TwinControl is suitable for a wide range of applications and spray materials, in particular for the application of highly viscous materials and high flow rates.



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.

Solutions for bridges

Bridges are exposed to permanently changing weather conditions and must be protected against rust, oil, salt and moisture to ensure the safety of the structure. WAGNER offers robust and durable solutions for coating, bonding and sealing for direct use on site.

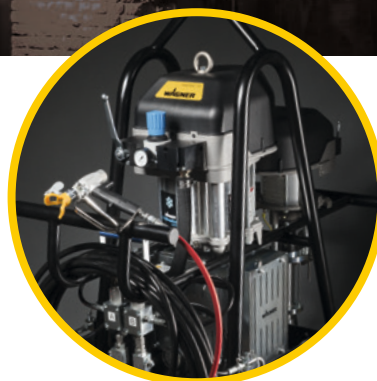
Difficult operating conditions

Our reliable liquid paint solutions provide the perfect equipment for coating bridges.



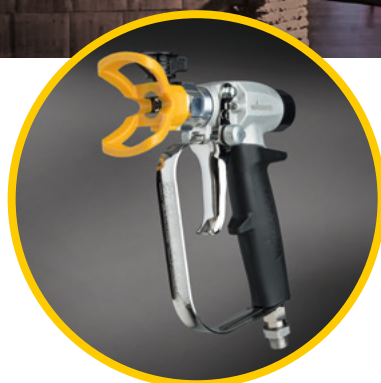
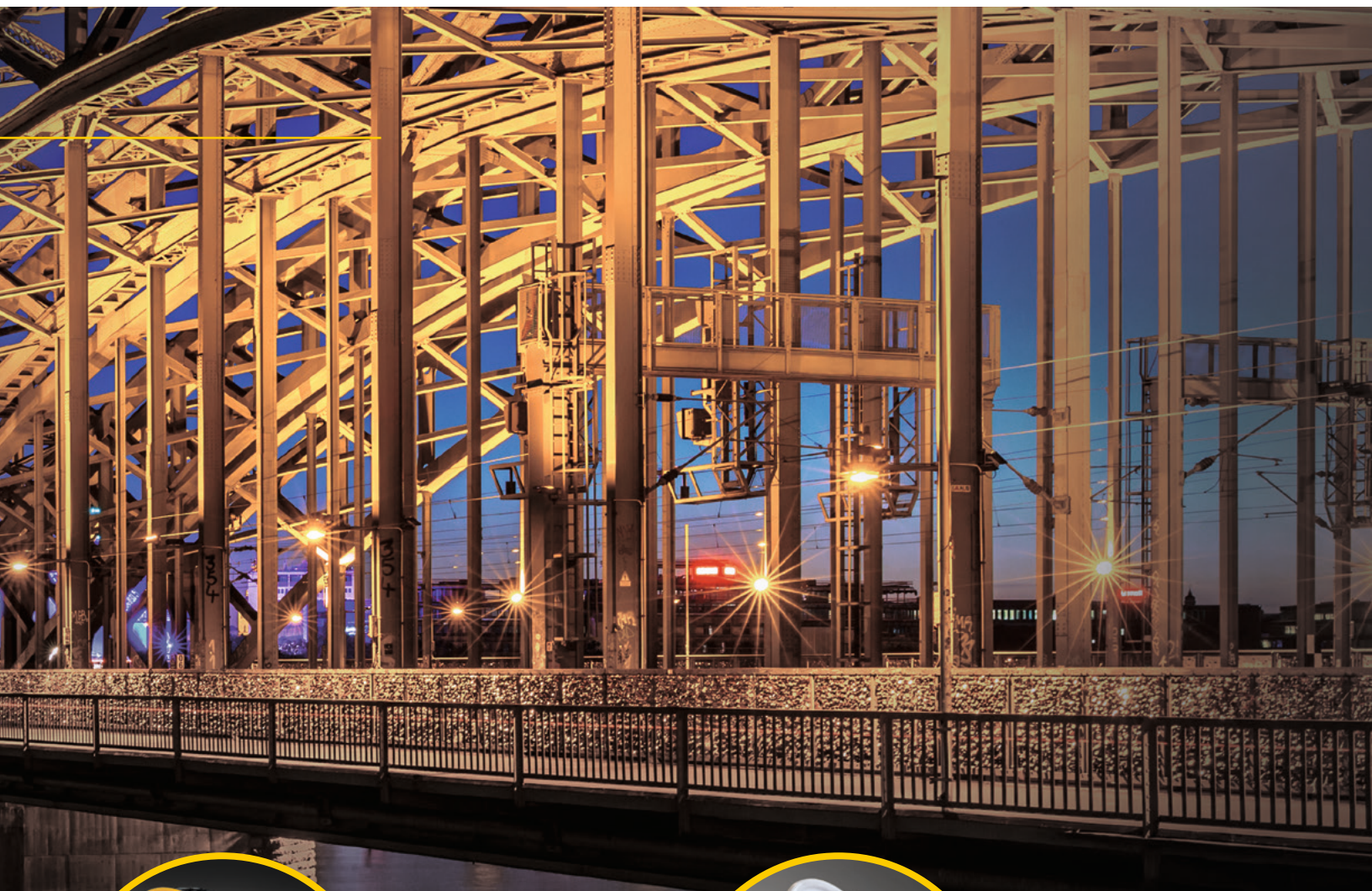
WAGNER PROTEC 1K

The IceBreaker-PC 1-component spray system is an ideal solution for extreme challenges. Even under the toughest operating conditions, the pumps work reliably. The RackCaddy provides safe, all-round protection for pump and accessories. An integrated suspension facilitates transport to the place of use, for example with a crane.



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. It also impresses with its ease of operation.



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.



Airless reversible nozzles

The WAGNER PROTEC Tip airless reversible nozzles are suitable for up to 530 bar. Nozzle clogging can be easily solved by rotating the reversible nozzle by 180° without the need to interrupt work. This contributes to the long service life of the gun.

Solutions for pipelines & reinforcing bars

Pipelines can be coated from the outside as well as from the inside and reinforcing bars from the outside. They are exposed to strong external influences, especially aggressive salt water and high temperature fluctuations.

Liquid & powder coating

Durable and hard-wearing surfaces thanks to interior and exterior coating with WAGNER liquid and powder coating solutions.



High-pressure diaphragm pump

The WAGNER Cobra is the only pneumatic high-pressure diaphragm pump on the market. The pump has been specially designed for high reliability and strong performance. Perfectly suitable also for reactive materials.

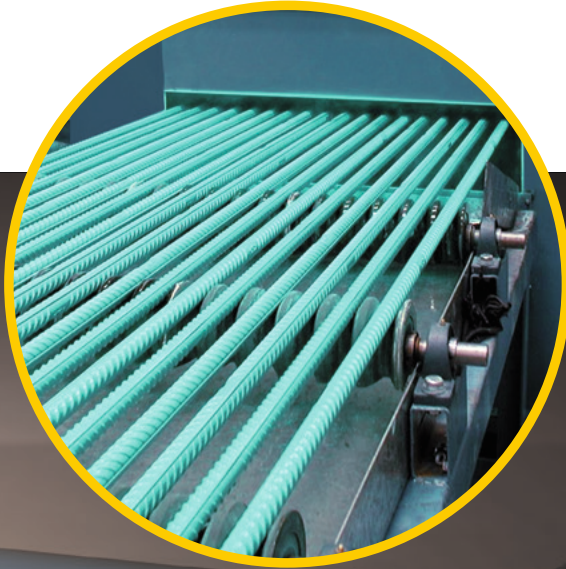


Automatic powder coating

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.

High corrosion protection

Efficient application of high coating thicknesses with automatic solutions from WAGNER.



Anchorage

We provide solutions for the tight bonding of threaded rods and flanges.



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.

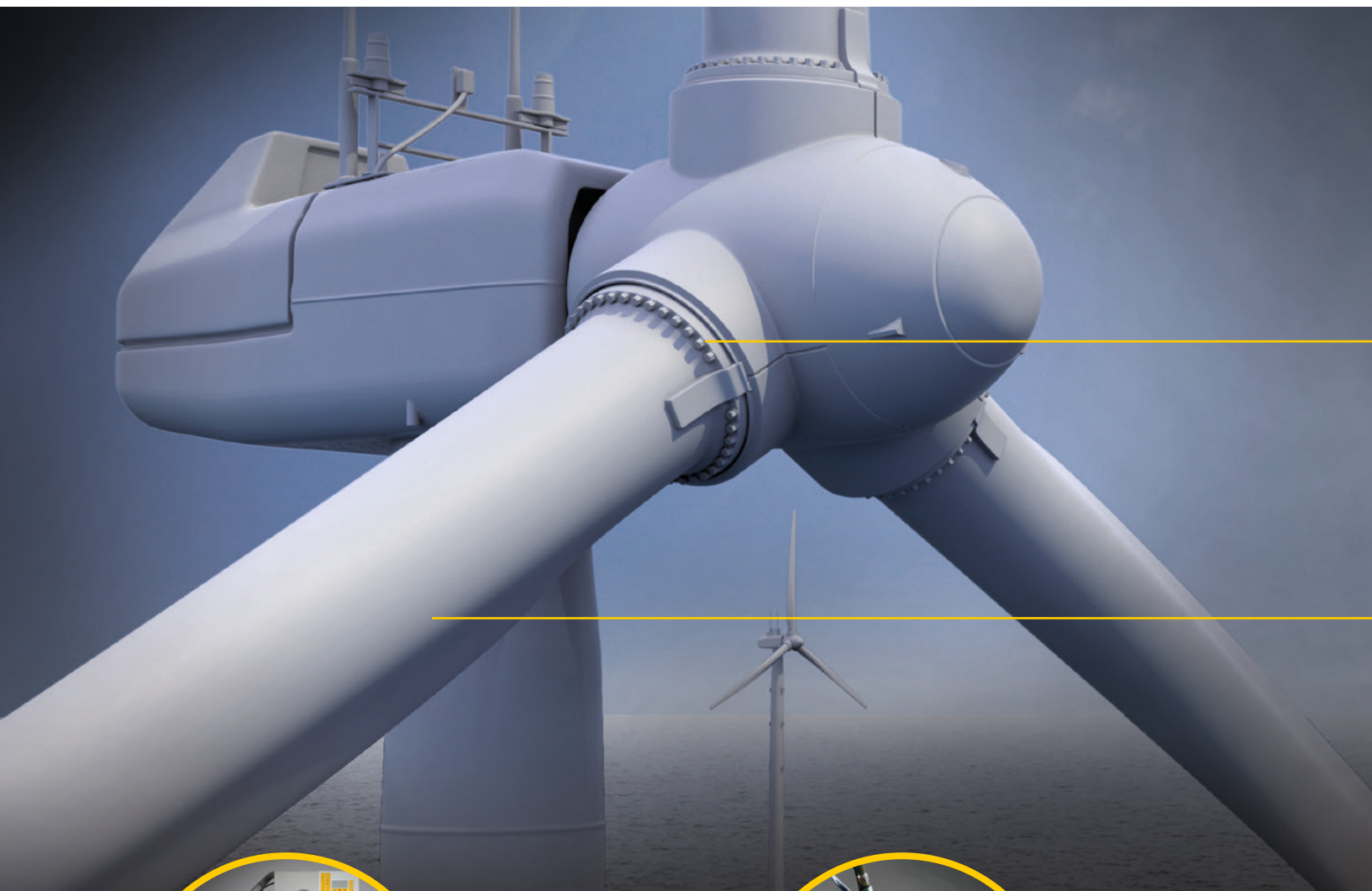


Gear metering system

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

Solutions for wind & solar power plants

Wind and solar power plants are made of different materials, including concrete, metal and plastic. WAGNER offers the complete technology spectrum for this area of application - from the application of coatings to the processing of adhesives and sealants.



TwinControl 2K mixing & dosing units

The ideal entry-level solution for 2K applications. Thanks to its cost-effectiveness, compactness and ease of operation, the mobile TwinControl is suitable for a wide range of applications and spray materials, in particular for the application of highly viscous materials and high flow rates.



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.



Assembly of workpieces

We provide reliable solutions for bonding threaded rods to blade units and rotors, even under the toughest operating conditions.

Solar thermal & photovoltaic modules

Our solutions enable the bonding and sealing of frames, mounting rails and junction boxes, both through simple manual applications and solutions with fully automated robotic cells and integrated process control.

Rotor blades

The WAGNER TwinControl systems ensure high productivity and process reliability.



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 commercial buildings

Surfaces in parking garages, warehouses, schools and hospitals are mainly made of concrete and metal. Here, high-quality coating plays an important role in the restructuring of porous surfaces. Objects must be resistant to chemical substances and fire, and able to withstand high levels of mechanical stress.

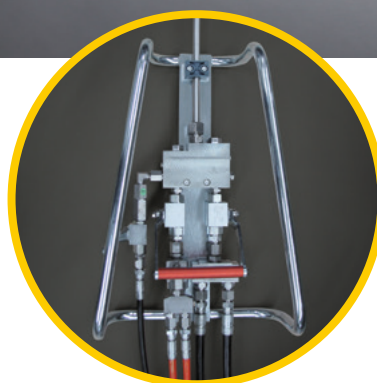
Doors & windows

We offer a wide variety of applications for large-area industrial surfaces that require reliable fire protection and high weather resistance.



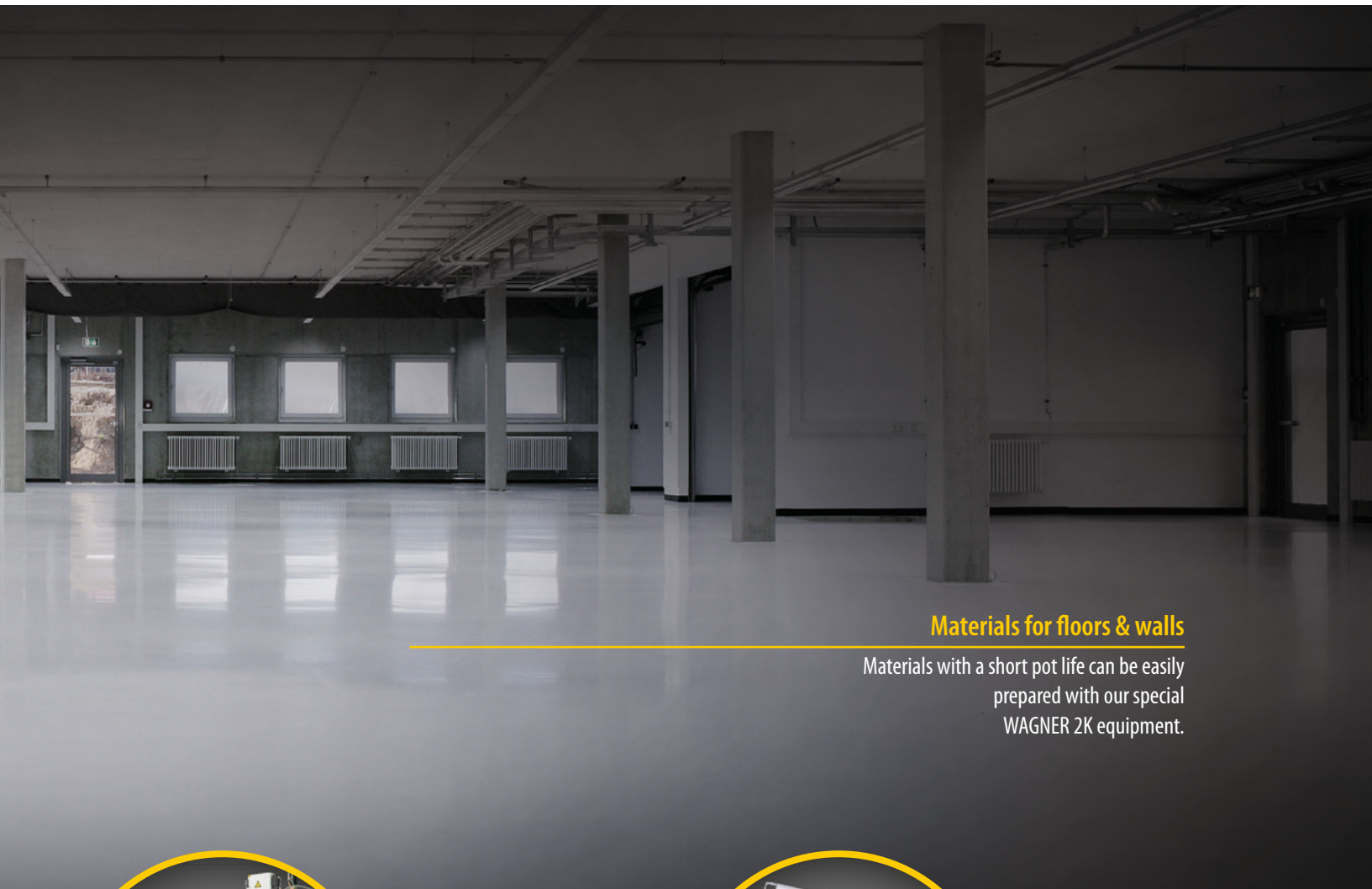
High-pressure paint supply

The WAGNER Leopard 35-70 high-pressure piston pump is ideally suited for industrial coatings involving applications on metal.



External mixing block

The 2K material used is mixed immediately before reaching the guns. This facilitates working with materials with a short pot life and leads to a significant reduction in waste.



Materials for floors & walls

Materials with a short pot life can be easily prepared with our special WAGNER 2K equipment.



Gear metering system

The ContiFlow Versa from Reinhardt-Technik is a mobile and compact metric mixing system for liquid to high viscosity 2K sealants and adhesives.



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.

Solutions for oil refineries & the petrochemical industry

WAGNER products and solutions meet all necessary requirements for explosion protection. Especially when coating components in oil refineries, it is extremely important to work with mobile and robust products.

High demands on surfaces

Our products and solutions have been specially designed for offshore use. In addition to external influences such as salt water, rain or blowing air, strict explosion protection guidelines must also be taken into account.



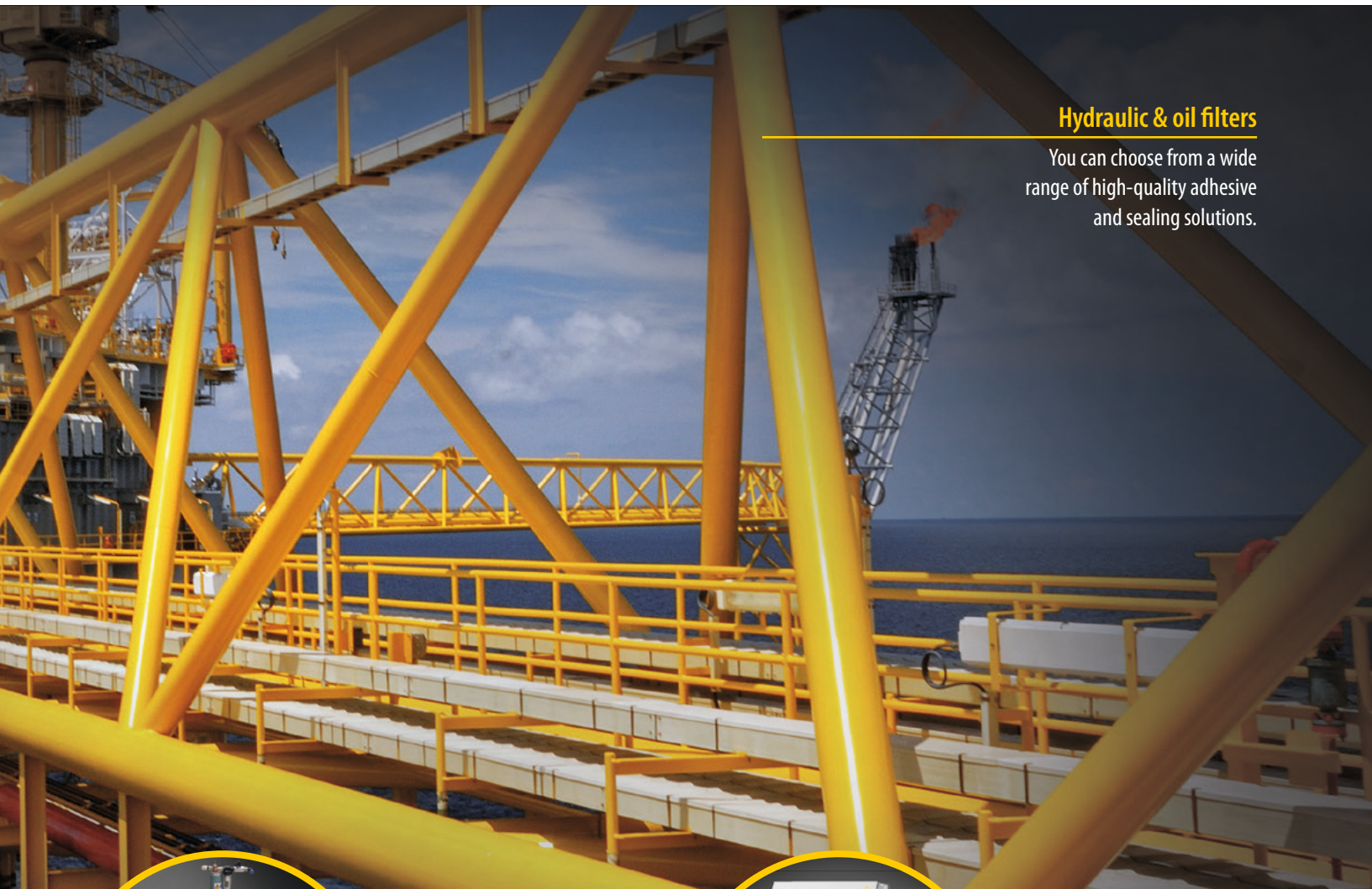
PROTEC 2K mixing & dosing unit

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Heating systems

There are basically two heating systems available: Compact continuous flow heaters and the thermal system with oil-heated hoses. Both allow the material to be heated and thus ensure precise and reproducible application of the material.



Hydraulic & oil filters

You can choose from a wide range of high-quality adhesive and sealing solutions.



Heated containers

Heated stainless steel product containers, including agitator and mixer. The ATEX versions are equipped with integrated level monitoring of the heating medium including the analyzer.



Gear metering system

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



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