



Product Catalog 2021  
**Liquid Coating**

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# Welcome to WAGNER

We bring color, protection and function to surfaces.

The 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 complete systems or single components - we offer you the entire range of technologies and individual solutions for your specific requirements.

## Legend



Corresponds to the ATEX directive



Corresponds to the CE directive



Corresponds to the FM directive

**AS**

Suitable for airspray application

**AL**

Suitable for airless application

**AC**

Suitable for AirCoat application



Metal coating



Plastic coating



Wood coating

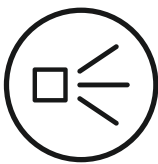


Protective Coating





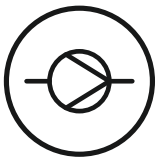
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# Research and Development

Concentrated expertise and Swiss precision.



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. With our team, we can draw on an optimal mix of many years of experience and concentrated expertise. These prerequisites enable WAGNER to develop high-quality, innovative products and solutions, so that you can efficiently apply color, protection and function to your surfaces.

# Engineered Systems

Customized solutions for your company.

Our engineers not only advise and supply you with reliable standard products from our extensive portfolio – due to our many years of experience, we will also be pleased to support you in the development of an individual system solution 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.





# Technology Centers

Expert consulting before, during and after your investment.

At the Markdorf site WAGNER has a state-of-the-art technology center with a floor space of over 1,400 m<sup>2</sup> for liquid and powder coating which is used for product development and training purposes. In addition, there are further technology centers at locations in the USA, Europe and China.



Our technology centers offer customers the opportunity to determine and test the suitable coating solution for the respective application area under real production conditions with the support of our experienced application specialists. Even after the purchase of a WAGNER system, you will receive expert advice to continuously improve your production processes and achieve high-quality results.



Technology Center Powder (Markdorf): [ae-powder-MDIS@wagner-group.com](mailto:ae-powder-MDIS@wagner-group.com)  
Technology Center Liquid (Markdorf): [ae-liquid-MDIS@wagner-group.com](mailto:ae-liquid-MDIS@wagner-group.com)



# WAGNER Service

Competent support throughout the entire product life cycle.



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 of our global WAGNER service network always offer you professional and personal support. We look forward to hearing from you and will gladly support you with your technical request.



[helpdesk@wagner-group.com](mailto:helpdesk@wagner-group.com)



# WAGNER Academy

Knowledge is Power.



The WAGNER Academy is the right partner for training and further education in the coating industry. The spacious training center at our Markdorf location together with the technology center offers ideal conditions. You receive an all-round professional service – from open training courses with a lively exchange of experience among participants from a wide range of companies to individually tailored training courses directly at your premises.

You will learn more about the latest application technology, tips and tricks in coating and receive competent answers to your questions.

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. At [academy.wagner-group.com](https://academy.wagner-group.com) you can access a large selection of documents and training content around the clock and also get in touch with other participants.



[academy@wagner-group.com](mailto:academy@wagner-group.com)

# Discover what's new at WAGNER

Highlights and innovations 2020.



### TOPFINISH GM 1030P

The manual airspray gun TOPFINISH GM 1030P with its first-class components provides a precise spray pattern and high-quality surfaces. It can be used for a variety of applications in many industries.

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### TOPFINISH GA 1020/1030

The automatic airspray gun TOPFINISH GA 1030 produces high-quality surfaces with its excellent spray pattern. The long service life of the gun and precise quick-fixing significantly reduce operating and service costs. A wide range of accessories allows adaptation to a variety of applications, while the variant configurator supports the selection and ordering of the desired version. For shear-sensitive media (e.g. UV lacquers), the GA 1020 variant is available with a membrane seal.

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### TOPFINISH GA 1900

The TOPFINISH GA 1900 was specially developed for applications in continuous operation where particularly high-quality surfaces are required. The certified stainless steel air caps are manufactured with high precision and ensure repeatable coating results of the best quality. The gun is therefore particularly suitable for coating a wide variety of components in the automotive industry.

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### New PROTEC high-pressure piston pumps

For heavy corrosion protection WAGNER has developed single component spray systems under the name PROTEC. The new versions PROTEC 95-150 and PROTEC 72-200 have a transmission ratio and delivery volume specially adapted to this field of application. A consistent solution for extreme challenges, even under the toughest operating conditions.

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### Electronic mixing & dosing system 2K Smart C

The fully assembled complete system WAGNER 2K Smart C is supplied with pre-installed paint supply (fully documented, with CE declaration) and offers an „all-round carefree package“ for the process steps preparation, feeding and mixing in liquid coating applications.

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### High precision nozzles for AirCoat

In contrast to standard nozzles, the nozzle gap of the new precision nozzles is not ground in, but machined in a special process. This results in exact flow rates and spray angles. They are suitable wherever precise and reproducible results are required, for example when using multiple guns on automatic motion machines.

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# Airspray applications

Airspray atomization is the right choice for coatings with high optical and haptic quality. The very fine atomization with the help of compressed air creates a thin paint film which, depending on the material used, reproduces the desired surface from high gloss to structural coating. Typical coating objects are e.g. automotive components, high-gloss furniture, housing parts with structure or effect paint or housings for electronic devices. For conductive workpieces, electrostatic guns considerably increase the coating quality and transfer efficiency.


Applying

Cup guns - manual  
TOPFINISH GM 1010G  
TOPFINISH GM 1030G  
Trend  
Mini




Pressure-feed spray guns  
TOPFINISH GM 1030P  
Pilot Trend  
Pilot Mini


TOPFINISH GA 1030  
TOPFINISH GA 1900  
GA 9010




GA 9010 Marking  
GA 9010 Marking Membran




Electrostatic solvent-based  
GM 5000EA




GA 5000EA



Electrostatic water-based  
GM 5020EAW



GA 5000EAW



Mixing & dosing

2K Smart



2K COMFORT



TwinControl  
DN 4 valves  
EvoMotion 5-60  
WildCat 10-70



2K Smart C  
Max. 6 components  
Ready to spray  
DN 4 valves



Selectable pumps:  
TOPFINISH DD10  
EM 5-60  
WildCat 10-70

Feeding

Pressure tanks



Double diaphragm pumps  
TOPFINISH DD10  
ZIP 52  
Unica



Piston pumps  
EvoMotion 5-60  
WildCat 10-70



Material supply

Material preparation  
Racks & trays  
Elevators  
Agitators  
Containers  
Level indicators  
Controllers  
Heaters  
Catalyst control  
Suction systems



AquaCoat  
Cabinets 5010 & 5020  
Feeding technology:  
Pressure tanks  
ZIP 52 Finishing





# AirCoat applications

AirCoat is the combination of airspray and airless: High optical coating quality, fast work progress and high transfer efficiency. Typical coating objects are e.g. windows, furniture elements, gearboxes, engine housings or also body and chassis from the truck, construction and agricultural machinery sector. For conductive workpieces, electrostatic guns considerably increase the coating quality and transfer efficiency.

## Applying

### Spray guns

GM 4100AC  
GM 4700AC  
GM 4700H

GA 4000 ACIC  
GA 4000 ACEC



### Electrostatic solvent-based

GM 5000EAC

GA 5000EAC



### Electrostatic water-based

GM 5020EACW

GA 5000EACW



## Mixing & dosing

### 2K Smart



### 2K COMFORT



### TwinControl

DN 2,6 valves  
Puma 28-40  
Leopard 35-70  
Leopard 35-150



### 2K Smart C

Max. 6 components  
Ready to spray  
DN 2,6 valves



Selectable pumps:  
TOPFINISH DD10 with COBRA  
as booster pump  
or  
Puma 28-40  
Leopard 35-70

## Feeding

### Double diaphragm pumps

Cobra 40-10  
Cobra 40-25



### Piston pumps

EvoMotion 40-15  
EvoMotion 20-30  
WildCat 18-40  
Puma 28-40  
Puma 21-110  
Leopard 35-70  
Leopard 35-150  
Leopard 26-200  
PROTEC 60-240



### AquaCoat

Cabinets 5010 & 5020  
Feeding technology:  
Cobra 40-10  
Puma 28-40  
EvoMotion 20-30



## Material supply

### Material preparation

Racks & trays  
Elevators  
Agitators  
Containers  
Level indicators  
Controllers  
Heaters  
Catalyst control  
Suction systems

### Feeding pumps

Unica 4-270



# Airless applications

Airless atomization, which is only effected by material pressure, allows coatings with a large layer thickness, fast working and high transfer efficiency. Typical applications are corrosion protection coatings, wind power plants, underbody coatings of e.g. rail vehicles or pipe and fire protection coatings. The airless process is also used for objects where optical finishing is not the main focus.

Applying

Spray guns

GM 1-530

GM 1-350


AG 14

GA 250

GA 400

Mixing & dosing

2K COMFORT XL



TwinControl


DN 4/10 valves

Leopard 48-110

PROTEC 95-150

PROTEC 72-200

PROTEC 60-240



PROTEC 2K

75-150/38

70-150/50

64-150/75


65-110/110

4:1

3:1

2:1

1:1



Feeding


Piston pumps


Leopard 48-110


PROTEC 95-150

PROTEC 72-200

PROTEC 60-240







Material supply

Material preparation

Racks & trays

Elevators

Agitators

Containers

Level indicators


Controllers

Heaters

Catalyst control

Suction systems

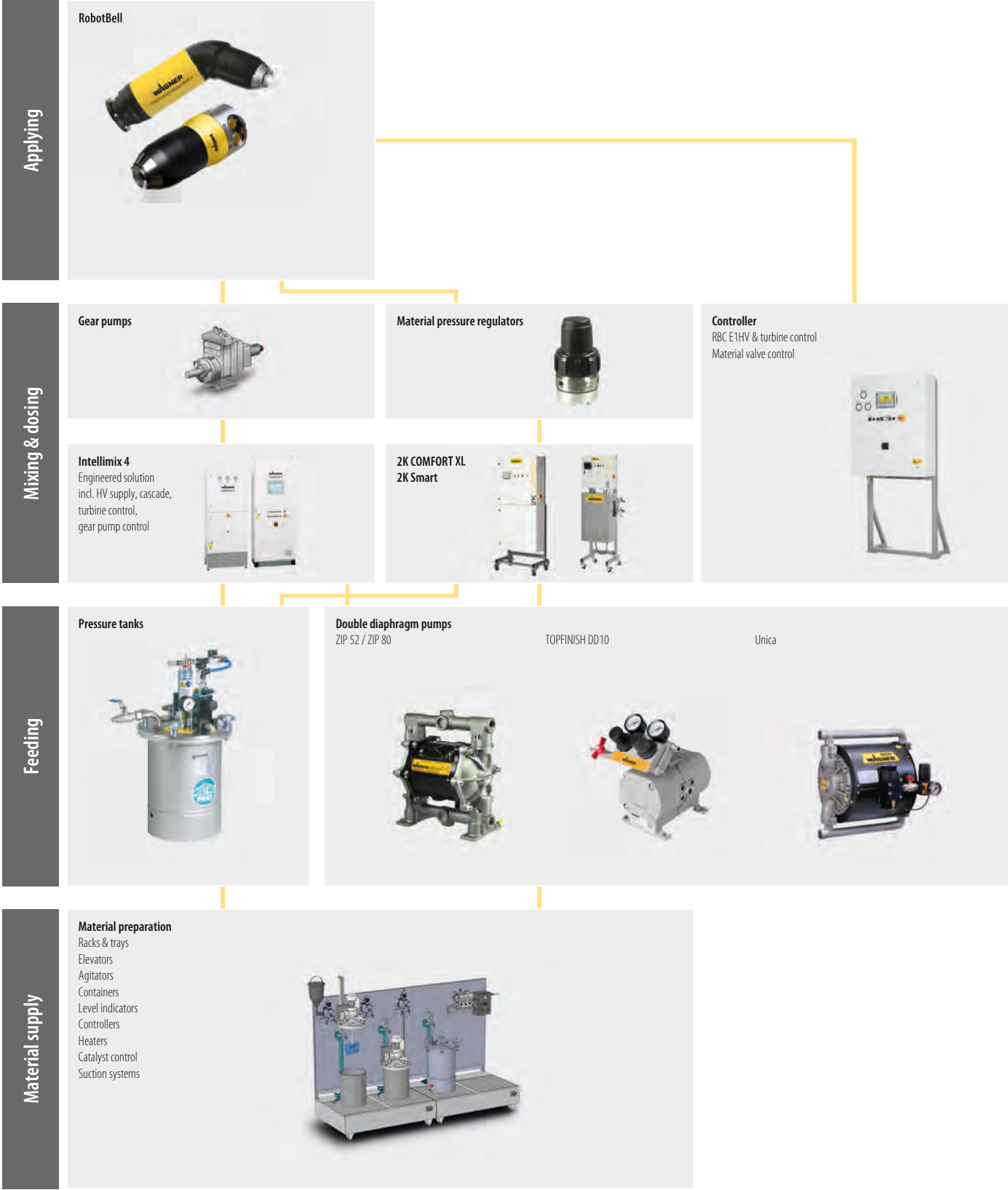
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# Rotary bell applications

Especially in series production, high rotation atomization in combination with electrostatics ensures high coating quality with a fast coating process and high transfer efficiency. Typical coating objects are e.g. aluminium wheels, car body parts or two-wheelers. Compared to airspray, the rotary bell allows for increased efficiency and a higher application speed.



# Optimal atomization for various applications.



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## Airspray manual and automatic guns

Almost all coating materials can be processed with airspray guns. This includes not only paints and varnishes, but also adhesives, release agents, oils, etc. Electrostatic guns are available as versions for solvent and water-based paints. They ensure high transfer efficiency with reliable surface quality at the same time.

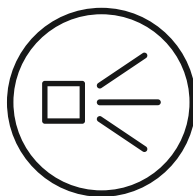


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## High-speed rotation atomizer

With high-speed rotation atomizers you achieve an efficient coating for small workpieces as well as large surfaces. They are ideally suited for electrostatic applications with water and solvent-based paints.





## Applying

The list of objects coated with WAGNER ranges from truck axles to children's toys, writing instruments and construction vehicles. We offer a wide range of application devices for manual and automatic coating with different atomization technologies. High-quality coating results and reliable transfer efficiency with an abundance of different materials - this is the result of many years of development work and extensive practical experience.



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### AirCoat manual and automatic guns

The combination of airless and airspray ensures a high atomization quality and reliable transfer efficiency. AirCoat produces an excellent coating quality at a significantly lower spray pressure than airless. In contrast to the airspray process, it is much faster and produces less overspray. The automatic versions are ideal for use in flatbed machines and on robots.



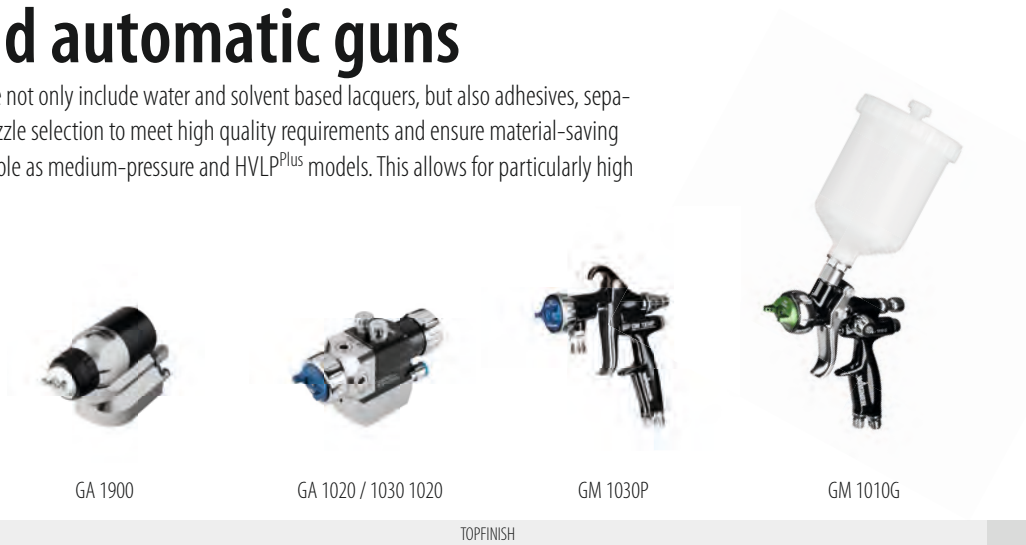
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### Airless manual and automatic guns

WAGNER airless guns meet all demands when using highly filled and highly viscous coating materials. The quality of the components and materials used ensures high availability and low downtime.

# Airspray manual and automatic guns

Airspray guns can process virtually all coating materials. These not only include water and solvent based lacquers, but also adhesives, separating agents, oils and more. All models offer an extensive nozzle selection to meet high quality requirements and ensure material-saving processes. Additionally, most of the spray guns are also available as medium-pressure and HVLP<sup>Plus</sup> models. This allows for particularly high application rates.



| Atomisation                             |            |            |            |            |  |
|---|------------|------------|------------|------------|--|
| Conventional                            | ●          | ●          | ●          |            |  |
| HVLP <sup>Plus</sup>                    |            | ●          | ●          | ●          |  |
| HVLP                                    |            | ●          | ●          | ●          |  |
| Nozzle sizes                            |            |            |            |            |  |
| Nozzle sizes                            | 0.5-1.4 mm | 0.3-3.5 mm | 0.3-3.5 mm | 1.0-2.2 mm |  |
| Processable material                    |            |            |            |            |  |
| Solvent-based materials                 | ●          | ●          | ●          | ●          |  |
| Water-based materials                   | ●          | ●          | ●          | ●          |  |
| UV- / Moisture-sensitive material       | ●          | ●          |            |            |  |
| Material quantity gravity cup           |            |            |            |            |  |
| 125 ml                                  |            |            |            |            |  |
| 600 ml                                  |            |            |            | ●          |  |
| Wetted parts incl. material channel     |            |            |            |            |  |
| Stainless steel (seamless)              | ●          | ●          | ●          | ●          |  |
| Aluminum/stainless steel                |            |            |            |            |  |
| Weight                                  |            |            |            |            |  |
| Manual gun                              |            |            | 486 g      | 440 g      |  |
| Gun without mounting parts              | 890 g      | 650 g      |            |            |  |
| Mounting                                |            |            |            |            |  |
| Manual gun                              |            |            | ●          | ●          |  |
| Adapter plate stainless steel           |            | ●          |            |            |  |
| Adapter plate aluminum (nickel-plated)  | ●          | ●          |            |            |  |
| Direct mounting (without adapter plate) |            | ●          |            |            |  |





# TOPFINISH GM 1010 G CAT-X

Airspray manual gun



The WAGNER TOPFINISH GM 1010G CAT-X, available as gravity-feed cup version, is ideal for coating applications in various market segments, such as the wood, metal and transportation industry.

| Technical data             |            |
|----------------------------|------------|
| Material pressure          | 8 bar      |
| Material inlet             | G 3/8" – M |
| Compressed air connection  | M – G 1/4" |
| Material temperature range | 80 °C      |
| Weight                     | 440 g      |

| Product variants                   | Item no. |
|------------------------------------|----------|
| GM 1010 G CAT-X Ø 1,0 mm HVLP      | 2374015  |
| GM 1010 G CAT-X Ø 1,0 mm HVLP plus | 2374006  |
| GM 1010 G CAT-X Ø 1,2 mm HVLP      | 2374014  |
| GM 1010 G CAT-X Ø 1,2 mm HVLP plus | 2374005  |
| GM 1010 G CAT-X Ø 1,3 mm HVLP      | 2374013  |
| GM 1010 G CAT-X Ø 1,3 mm HVLP plus | 2374004  |
| GM 1010 G CAT-X Ø 1,4 mm HVLP      | 2374012  |
| GM 1010 G CAT-X Ø 1,4 mm HVLP plus | 2374003  |
| GM 1010 G CAT-X Ø 1,5 mm HVLP      | 2374011  |
| GM 1010 G CAT-X Ø 1,5 mm HVLP plus | 2374002  |
| GM 1010 G CAT-X Ø 1,7 mm HVLP      | 2374010  |
| GM 1010 G CAT-X Ø 1,7 mm HVLP plus | 2374001  |
| GM 1010 G CAT-X Ø 1,9 mm HVLP      | 2374009  |
| GM 1010 G CAT-X Ø 1,9 mm HVLP plus | 2374000  |
| GM 1010 G CAT-X Ø 2,2 mm HVLP      | 2374008  |
| GM 1010 G CAT-X Ø 2,2 mm HVLP plus | 2373998  |
| GM1010 G CAT-X economy pack +3     | 2374019  |
| GM1010 G CAT-X smart set +3        | 2374020  |



### Material-wetted parts

Stainless steel 1.4305

### Scope of delivery

Gun-only set: Manual airspray gun with gravity-feed cup, tool, cleaning brush and manual instruction

Box set contains: GM 1010-0AS 1.3 mm Ø nozzle size, as well as other nozzle sizes (1.0 / 1.5 and 1.7 mm Ø), gravity-feed cup, second air cap HVLP, tools, cleaning brush, operating instruction

Case: Includes GM 1010-0 AS 1.3 mm Ø, additional nozzle sizes 1.0 / 1.5 and 1.7 mm Ø, gravity-feed cup, second air cap HVLP, tool, cleaning brush, manual instruction with mini air regulator

### Order information

Choose your requested nozzle size for the single gun (1.0 – 2.2 mm).

Choose a gun with defined nozzle and atomization technology (HVLP or HVLP Plus) or the set.



# TOPFINISH GM 1030P

## Airspray manual gun



The WAGNER TOPFINISH GM 1030P enables high-quality surfaces with first-class components. It can be used for a variety of applications in many industries.

| Technical data           |                 |
|--------------------------|-----------------|
| Nozzle diameter          | 0.3 mm - 3.5 mm |
| Material pressure        | 1 bar - 8 bar   |
| Material inlet           | G 3/8" - M      |
| Air inlet pressure range | 1 bar - 8 bar   |
| Sound level              | 92.8 dB(A)      |
| Weight                   | 486 g           |

| Product variants             | Item no. |
|------------------------------|----------|
| GM 1030P 0.5 mm HVLP         | 2400808  |
| GM 1030P 0.5 mm HVLP plus    | 2400817  |
| GM 1030P 0.5 mm Conventional | 2400798  |
| GM 1030P 0.8 mm HVLP         | 2400809  |
| GM 1030P 0.8 mm HVLP plus    | 2400818  |
| GM 1030P 0.8 mm Conventional | 2400799  |
| GM 1030P 1.0 mm HVLP         | 2400810  |
| GM 1030P 1.0 mm HVLP plus    | 2400819  |
| GM 1030P 1.0 mm Conventional | 2400800  |
| GM 1030P 1.2 mm HVLP         | 2400811  |
| GM 1030P 1.2 mm HVLP plus    | 2400820  |
| GM 1030P 1.2 mm Conventional | 2400801  |
| GM 1030P 1.5 mm HVLP         | 2400813  |
| GM 1030P 1.5 mm HVLP plus    | 2400821  |
| GM 1030P 1.5 mm Conventional | 2400802  |
| GM 1030P 1.8 mm HVLP         | 2400814  |
| GM 1030P 1.8 mm HVLP plus    | 2400822  |
| GM 1030P 1.8 mm Conventional | 2400803  |
| GM 1030P 2.0 mm HVLP         | 2400815  |
| GM 1030P 2.0 mm HVLP plus    | 2400823  |
| GM 1030P 2.0 mm Conventional | 2400804  |
| GM 1030P 2.2 mm HVLP         | 2400816  |
| GM 1030P 2.2 mm HVLP plus    | 2400824  |
| GM 1030P 2.2 mm Conventional | 2400805  |

### Processable materials

- Stains
- Top coats
- Filler
- Primers
- Clear lacquers
- Spray putty
- Separating agents
- Water-based paints (2K and 3K)

### Material-wetted parts

- Stainless steel 1.4305

### Scope of delivery

GM 1030P including air cap and nozzle according to choice, as well as operating instructions and tools

### Order information

Configure a GM 1030P variant with the configurator GM 1030P VC 2405631 and choose accessories like swivel joints or a complete spraypack: wall bracket or trolley as well as pump, suction system and hose package.





# TOPFINISH GA 1020/1030

## Airspray automatic gun



The automatic airspray gun TOPFINISH GA 1030 convinces with excellent atomizing properties and a high-quality spray pattern. The universal unit is particularly low-wear and enables process-safe coating in continuous operation. For applications with UV and highly abrasive materials, the gun is available as TOPFINISH GA 1020 with membrane seal.



| Technical data             |                 |
|----------------------------|-----------------|
| Nozzle diameter            | 0.3 mm - 3.5 mm |
| Material pressure          | 8 bar           |
| Material inlet             | G 1/4" - M      |
| Air inlet pressure range   | 8 bar           |
| Sound level                | 92.8 dB(A)      |
| Material temperature range | 5 °C - 80 °C    |
| Ambient temperature range  | 5 °C - 40 °C    |
| Length                     | 139 mm          |
| Width                      | 42 mm           |
| Height                     | 42 mm           |
| Weight                     | 650 g           |

| Product variants                    | Item no. |
|-------------------------------------|----------|
| GA 1020 1030 VC                     | 2406824  |
| GA 1030 EC_VAR_fAP_Stub_HVLP+_Ø1,0  | 2412462  |
| GA 1030 EC_VAR_DM_Circ_HVLP+_Ø1,0   | 2412463  |
| GA 1030 EC_VAR_fAP_Circ_HVLP+_Ø1,0  | 2415144  |
| GA 1030 IC_VAR_DM_Stub_HVLP+_Ø1,0   | 2412464  |
| GA 1030 IC_VAR_fAP_Stub_HVLP+_Ø1,0  | 2412465  |
| GA 1020 EC_VAR_fAP_Circ_HVLP+_Ø1,0  | 2412471  |
| GA 1020 IC_VAR_fAP_Stub_HVLP+_Ø1,0  | 2412473  |
| GA 1030 EC_VAR_fAP_Circ_HVLP_Ø0,8   | 2413856  |
| GA 1030 EC_VAR_fAP_Circ_HVLP_Ø1,0   | 2414017  |
| GA 1030 EC_VAR_DM_Circ_HVLP_Ø1,0    | 2414018  |
| GA 1030 IC_VAR_fAP_Circ_Conv12_Ø0,8 | 2414029  |
| GA 1020 IC_VAR_fAP_Circ_Conv12_Ø1,0 | 2414031  |
| GA 1020 EC_VAR_fAP_Circ_Conv14_Ø1,0 | 2414355  |
| GA 1030 IC_VAR_DM_Stub_HVLP+_Ø0,8   | 2414360  |
| GA 1030 EC_VAR_DM_Stub_Conv12_Ø1,0  | 2414656  |

### Processable materials

- Stains
- Top coats
- Primers
- Clear lacquers
- Separating agents
- UV paints
- Water-based paints (2K and 3K)

### Material-wetted parts

Stainless steel 1.4301

### Scope of delivery

GA 1030 variant including air cap and nozzle according to choice, and operating instructions

### Order information

Configure the desired variant via GA 1020/1030 configurator VC 2406824 and select the desired base plate as well as holders or other accessories.



# TOPFINISH GA 1900

Airspray automatic gun



The automatic airspray gun WAGNER GA 1900 ensures brilliant surfaces by fine atomization and thus meets high coating requirements.

**Technical data**

|                          |                 |
|--------------------------|-----------------|
| Nozzle diameter          | 0.5 mm - 1.4 mm |
| Material pressure        | 18 bar          |
| Air inlet pressure range | 9 bar           |
| Sound level              | 102 dB(A)       |
| Length                   | 119 mm          |
| Width                    | 52 mm           |
| Height                   | 49 mm           |
| Weight                   | 890 g           |

**Product variants**

| Product variants   | Item no. |
|--------------------|----------|
| GA 1900EC 0,5 mm   | 2394294  |
| GA 1900EC 0,8 mm   | 2394291  |
| GA 1900EC 1,0 mm   | 2392762  |
| GA 1900EC 1,2 mm   | 2394295  |
| GA 1900EC 1,4 mm   | 2394296  |
| GA 1900EC C 0,5 mm | 2394305  |
| GA 1900EC C 0,8 mm | 2394304  |
| GA 1900EC C 1,0 mm | 2394303  |
| GA 1900EC C 1,2 mm | 2394302  |
| GA 1900EC C 1,4 mm | 2394297  |

**Processable materials**

- Stains
- Top coats
- Primers
- Clear lacquers

**Scope of delivery**

Gun model with corresponding nozzle size, with/without circulation, including operating instructions

**Order information**

Select the desired gun model with nozzle size, with/without circulation. Order the desired air caps plus union nut. Works only in combination with an adapter.





# PILOT Trend

## Airspray manual gun



High standard for all common spraying jobs. High-quality surface results due to precise WALTHER PILOT air head technology.

| Technical data             |          |
|----------------------------|----------|
| Material pressure          | 8 bar    |
| Material inlet             | G 1/4"   |
| Compressed air connection  | G 1/4"   |
| Sound level                | 83 dB(A) |
| Material temperature range | 80 °C    |

| Product variants                     | Item no.    |
|--------------------------------------|-------------|
| PILOT Trend HD gravity 0.5mm 6 Hole  | V1060103053 |
| PILOT Trend HD gravity 0.8mm 6 Hole  | V1060103083 |
| PILOT Trend HD gravity 1.0m 6 Hole   | V1060103103 |
| PILOT Trend HD gravity cup 1.2 mm    | V1060103123 |
| PILOT Trend HD gravity 1,5 mm 6 Hole | V1060103153 |
| PILOT Trend HD gravity 1.8mm 6 Hole  | V1060103183 |
| PILOT Trend HD gravity 2.0mm 6 Hole  | V1060103203 |
| PILOT Trend HD gravity cup 2.5 mm    | V1060103253 |
| PILOT Trend MD 0.5mm 8 hole          | V1061104053 |
| PILOT Trend MD 0.8mm 8 hole          | V1061104083 |
| PILOT Trend MD 1.0mm 8 hole          | V1061104103 |
| PILOT Trend MD 1.2mm 8 hole          | V1061104123 |
| Mod-Trend MD 1.5mm, pressure feed    | V1061104153 |
| PILOT Trend MD 1.8mm 8 hole          | V1061104183 |
| PILOT Trend MD 2.0mm 8 hole          | V1061104203 |
| PILOT Trend MD gravity cup 2.5 mm    | V1061104253 |



### Material-wetted parts

Aluminum  
Stainless steel

### Scope of delivery

Operating manual incl. declaration of conformity  
PILOT Trend with nozzle insert upon choice  
600 ccm gravity cup

### Order information

Determine the required nozzle size.  
Choose between the following versions: conventional spray gun and medium-pressure spray gun.  
Choose between the gravity-feed cup version and the version for material connection to pressure tanks or pumps.  
The designation MP corresponds to the HVLP Plus technology.





# PILOT Trend

## Airspray manual gun



High standard for all common spraying jobs. High-quality surface results due to precise WALTHER PILOT air head technology. Variant with material connection.

| Technical data             |          |
|----------------------------|----------|
| Material pressure          | 8 bar    |
| Material inlet             | G 1/4"   |
| Compressed air connection  | G 1/4"   |
| Sound level                | 83 dB(A) |
| Material temperature range | 80 °C    |

| Product variants                    | Item no.    |
|-------------------------------------|-------------|
| PILOT Trend 0.5mm, pressure feed    | V1060203053 |
| PILOT Trend 0.8mm, pressure feed    | V1060203083 |
| PILOT Trend 1.0mm, pressure feed    | V1060203103 |
| PILOT Trend 1.2mm, pressure feed    | V1060203123 |
| PILOT Trend 1.5mm, pressure feed    | V1060203153 |
| PILOT Trend 1.8mm, pressure feed    | V1060203183 |
| PILOT Trend 2.0mm, pressure feed    | V1060203203 |
| PILOT Trend 2.5mm, pressure feed    | V1060203253 |
| PILOT Trend-MP 0.5mm, pressure feed | V1061304053 |
| PILOT Trend-MP 0.8mm, pressure feed | V1061304083 |
| PILOT Trend-MP 1.0mm, pressure feed | V1061304103 |
| PILOT Trend-MP 1.2mm, pressure feed | V1061304123 |
| PILOT Trend-MP 1.5mm, pressure feed | V1061304153 |
| PILOT Trend-MP 1.8mm, pressure feed | V1061304183 |
| PILOT Trend-MP 2.0mm, pressure feed | V1061304203 |
| PILOT Trend-MP 2.5mm, pressure feed | V1061304253 |

### Material-wetted parts

Aluminum  
Stainless steel

### Scope of delivery

Operating manual incl. declaration of conformity  
PILOT Trend with nozzle insert upon choice

### Order information

Determine the required nozzle size.  
Choose between the following versions: conventional spray gun and medium-pressure spray gun.  
Choose between the gravity-feed cup version and the version for material connection to pressure tanks or pumps.  
The designation MP corresponds to the HVLP Plus technology.

# PILOT Mini

## Airspray manual gun



Light and easy-to-use spray gun, made of high-grade plastic, for spraying small parts and objects as well as retouching and decorative jobs. Wetted parts are made of stainless steel. Water-borne materials and aggressive media can be sprayed without any problems.



| Technical data             |          |
|----------------------------|----------|
| Material pressure          | 8 bar    |
| Compressed air connection  | G 1/4"   |
| Sound level                | 85 dB(A) |
| Material temperature range | 80 °C    |
| Weight                     | 295 g    |

| Product variants                  | Item no.    |
|-----------------------------------|-------------|
| PILOT Mini HD gravity feed 0.3 mm | V1015102033 |
| PILOT Mini HD gravity feed 0.5mm  | V1015102053 |
| PILOT Mini HD gravity feed 0.8 mm | V1015102083 |
| PILOT Mini HD gravity feed 1.0 mm | V1015102103 |
| PILOT Mini HD gravity feed 1.2 mm | V1015102123 |
| PILOT Mini HD gravity feed 1.5 mm | V1015102153 |
| PILOT Mini HD gravity feed 1.8 mm | V1015102183 |
| PILOT Mini HD gravity feed 2.0 mm | V1015102203 |
| PILOT Mini HD gravity feed 2.2 mm | V1015102223 |

### Material-wetted parts

Stainless steel

### Scope of delivery

- Operating manual incl. declaration of conformity
- PILOT Mini with nozzle insert upon choice
- Spray gun incl. 125 ccm plastic gravity cup

### Order information

- Determine the required nozzle size.
- Ideal for small painting jobs such as spot repair (touch up).
- The designation MP corresponds to the HVLP Plus technology.





# PILOT Mini

## Airspray manual gun



Light and easy-to-use spray gun, made of high-grade plastic, for spraying small parts and objects as well as retouching and decorative jobs. Wetted parts are made of stainless steel. Water-borne materials and aggressive media can be sprayed without any problems.

| Technical data             |          |
|----------------------------|----------|
| Material pressure          | 8 bar    |
| Material inlet             | G 1/4"   |
| Compressed air connection  | G 1/4"   |
| Sound level                | 85 dB(A) |
| Material temperature range | 80 °C    |
| Weight                     | 295 g    |

| Product variants                        | Item no.    |
|---|-------------|
| PILOT Mini HD material feed 0.3 mm      | V1015202033 |
| PILOT Mini HD material feed 0.5 mm      | V1015202053 |
| PILOT Mini HD material feed 0.8 mm      | V1015202083 |
| PILOT Mini HD material feed 1.0 mm      | V1015202103 |
| PILOT Mini HD material feed 1.2 mm      | V1015202123 |
| PILOT Mini HD material feed 1.5 mm      | V1015202153 |
| PILOT Mini HD material feed 1.8 mm      | V1015202183 |
| PILOT Mini HD material feed 2.0 mm      | V1015202203 |
| PILOT Mini HD material feed 2.2 mm      | V1015202223 |
| PILOT Mini MP 0.3 mm Material feed      | V1014202033 |
| PILOT Mini MP 0.5 mm Material feed      | V1014202053 |
| GUN, PILOT MINI-MP 0.8 mm pressure feed | V1014202083 |
| PILOT Mini MP 1.0 mm Material feed      | V1014202103 |
| GUN, PILOT MINI-MP 1.2mm pressure feed  | V1014202123 |
| PILOT Mini MP 1.5 mm Material feed      | V1014202153 |
| PILOT Mini MP 1.8 mm Material feed      | V1014202183 |
| PILOT Mini MP 2.0 mm Material feed      | V1014202203 |
| GUN, PILOT MINI-MP 2.2mm pressure feed  | V1014202223 |

### Material-wetted parts

Stainless steel

### Scope of delivery

Operating manual incl. declaration of conformity  
PILOT Mini with nozzle insert upon choice

### Order information

Determine the required nozzle size.  
Ideal for small painting jobs such as spot repair (touch up).  
Choose between the gravity-feed cup version and the version for material connection to pressure tanks or pumps.  
The designation MP corresponds to the HVLP Plus technology.

# PILOT GA 9010 Marking

## Spray gun for color marking



With the PILOT GA 9010 Marking, sharp-edged markings are possible. Due to the short switching times (opening, spraying, closing) it is suitable for use in productions with low cycle times. The PILOT GA 9010 Marking ensures a smooth production process even under difficult conditions thanks to special flushing devices and the robust construction.



| Technical data    |               |
|-------------------|---------------|
| Material pressure | 0 bar - 6 bar |
| Sound level       | 83 dB(A)      |
| Length            | 128 mm        |
| Width             | 22 mm         |
| Height            | 29 mm         |
| Weight            | 440 g         |

| Product variants                      | Item no.    |
|---------------------------------------|-------------|
| GA 9010 Marking 0.3mm round spray 3.1 | V2130051033 |
| GA 9010 Marking 0.5mm round spray 3,1 | V2130051053 |
| GA 9010 Marking 0,8mm round spray 2.2 | V2130051083 |
| GA 9010 Marking 1,0mm round spray 2.2 | V2130051103 |
| GA 9010 Marking 1,2mm round spray 2.3 | V2130051123 |
| GA 9010 Marking 1,5mm round spray 2.3 | V2130051153 |

Material-wetted parts

Stainless steel

Scope of delivery

PILOT GA 9010 / GA 9010 Marking with nozzle insert of your choice  
Operating manual incl. declaration of conformity

Order information

Determine the required nozzle size.  
Material connection via push-in fitting for hose 6x4 mm.

# PILOT GA 9010 Marking Membran

Spray gun for color marking



Sharp-edged and almost overspray-free dot and line marking for the visibility of quality standards or for process control. Generally, small amounts of paint and high precision are used. The GA 9010 automatic spray gun is suitable for this task due to its short switching times. The diaphragm version can be used for media that react to moisture and light as well as abrasive media.

| Technical data             |              |
|----------------------------|--------------|
| Material pressure          | 2 bar        |
| Sound level                | 83 dB(A)     |
| Material temperature range | 50 °C        |
| Ambient temperature range  | 5 °C - 50 °C |
| Length                     | 128 mm       |
| Width                      | 22 mm        |
| Height                     | 29 mm        |
| Weight                     | 440 g        |

| Product variants                        | Item no.    |
|---|-------------|
| GA 9010 Marking Membran 0,3mm round 2.1 | V2132151033 |
| GA 9010 Marking Membran 0,5mm round 2.1 | V2132151053 |
| GA 9010 Marking Membran 0.8mm round 2.2 | V2132151083 |
| GA 9010 Marking Membran 1,0mm round 2.2 | V2132151103 |
| GA 9010 Marking Membran 1,2mm round 2.3 | V2132151123 |
| GA 9010 Marking Membran 1,5mm round 2.3 | V2132151153 |

**Material-wetted parts**

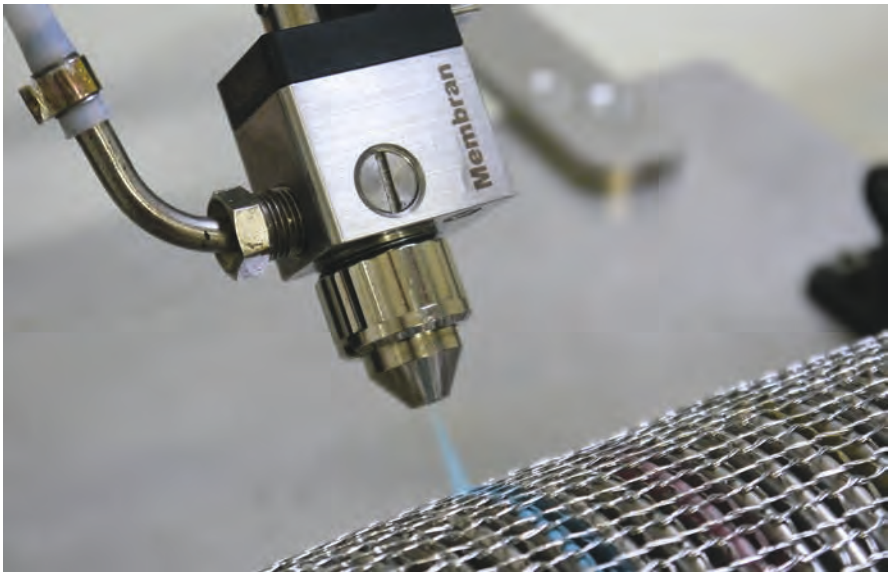
Stainless steel

**Scope of delivery**

PILOT GA 9010 / GA 9010 Marking with nozzle insert of your choice  
Operating manual incl. declaration of conformity

**Order information**

Determine the required nozzle size.  
Material connection via push-in fitting for hose 6x4 mm.





# SupraCoat GA3000SC

## Airspray automatic gun



WAGNER SupraCoat is based on HVLP technology and in comparison to so-called HVLP plug-in systems and conventional air guns, it offers decisive advantages. The low kinetic energy of the paint particles provides a differentiated spray jet with little over-spray or turbulence. Due to the optimized design of the SupraCoat gun, an excellent surface finish is achieved and lacquers with higher viscosities can also be applied.



| Technical data             |               |
|----------------------------|---------------|
| Material pressure          | 8 bar         |
| Material inlet             | G 1/4"        |
| Air inlet pressure range   | 4 bar - 6 bar |
| Compressed air connection  | G 1/8"        |
| Sound level                | 82 dB(A)      |
| Material temperature range | 80 °C         |
| Length                     | 150 mm        |
| Width                      | 50 mm         |
| Height                     | 92 mm         |
| Weight                     | 912 g         |

| Product variants            | Item no. |
|-----------------------------|----------|
| Autom. gun GA 3000SCIC 0.3  | 383008   |
| Automatic GA 3000SCIC 0.5   | 383001   |
| Autom. gun GA 3000SCIC 0.8  | 383002   |
| Autom. gun GA 3000SCIC 1.0  | 383003   |
| Autom. gun GA 3000SCIC 1.25 | 383004   |
| Autom. gun GA 3000SCIC 1.6  | 383005   |
| Autom. gun GA 3000SCIC 2.0  | 383006   |
| Autom. gun GA 3000SCIC 2.5  | 383007   |

### Processable materials

- 1K high solid paints
- 1K solvent-based paints
- 1K water-based paints
- 2K high solid paints
- Solvent-based paints (2K, 3K and 4K)
- Water-based paints (2K, 3K and 4K)
- Metallic paints

### Material-wetted parts

- Nickel-plated aluminum
- Stainless steel 1.4034
- Stainless steel 1.4104
- Stainless steel 1.4305
- FPM
- Tungsten carbide
- Nickel-plated brass
- POM
- PTFE
- UHMW-PE

### Scope of delivery

- Operating manual
- CE declaration of conformity
- Nozzle set F1
- GA 3000SC

### Order information

- Determine the gun type.
- Determine which hoses and accessories are required.
- Determine whether you require material circulation.
- Select the desired nozzle system and air cap.
- Select the material and air connections.





# SupraCoat GA3000SC

## Airspray automatic gun



WAGNER SupraCoat is based on HVLP technology and in comparison to so-called HVLP plug-in systems and conventional air guns offers decisive advantages. The low kinetic energy of the paint particles provides a differentiated spray jet with little overspray or turbulence. Due to the optimised design of the SupraCoat gun, an excellent surface finish is achieved and paints with higher viscosities can also be applied.

| Technical data             |               |
|----------------------------|---------------|
| Material pressure          | 8 bar         |
| Material inlet             | G 1/4"        |
| Air inlet pressure range   | 4 bar - 6 bar |
| Compressed air connection  | G 1/8"        |
| Sound level                | 82 dB(A)      |
| Material temperature range | 80 °C         |

| Product variants                      | Item no. |
|---------------------------------------|----------|
| Autom. gun GA 3000SCEC 0.3            | 383017   |
| Autom. gun GA 3000SCEC 0.3 Robot      | 383027   |
| Autom. gun GA 3000SCEC 0.3 Robot Twin | 383067   |
| Autom. gun GA 3000SCEC 0.5            | 383010   |
| Autom. gun GA 3000SCEC 0.5 Robot      | 383020   |
| Autom. gun GA 3000SCEC 0.5 Robot Twin | 383060   |
| Autom. gun GA 3000SCEC 0.8            | 383011   |
| Autom. gun GA 3000SCEC 0.8 Robot      | 383021   |
| Autom. gun GA 3000SCEC 0.8 Robot Twin | 383061   |
| Autom. gun GA 3000SCEC 1.0            | 383012   |
| Autom. gun GA 3000SCEC 1.0 Robot      | 383022   |
| Autom. gun GA 3000SCEC 1.0 Robot Twin | 383062   |
| Autom. gun GA 3000SCEC 1.2 Robot Twin | 383063   |
| Autom. gun GA 3000SCEC 1.25           | 383013   |
| Autom. gun GA 3000SCEC 1.25 Robot     | 383023   |
| Autom. gun GA 3000SCEC 1.6            | 383014   |
| Autom. gun GA 3000SCEC 1.6 Robot Twin | 383064   |
| Autom. gun GA 3000SCEC 2.0            | 383015   |
| Autom. gun GA 3000SCEC 2.0 Robot Twin | 383065   |
| Autom. gun GA 3000SCEC 2.5            | 383016   |
| Autom. gun GA 3000SCEC 2.5 Robot      | 383026   |
| Autom. gun GA 3000SCEC 2.5 Robot Twin | 383066   |
| SupraCoat Controller                  | 376010   |

### Processable materials

- 1K high solid paints
- 1K solvent-based paints
- 1K water-based paints
- 2K high solid paints
- Solvent-based paints (2K, 3K and 4K)
- Water-based paints (2K, 3K and 4K)
- Metallic paints

### Material-wetted parts

- Nickel-plated aluminum
- Stainless steel 1.4034
- Stainless steel 1.4104
- Stainless steel 1.4305
- FPM
- Tungsten carbide
- Nickel-plated brass
- POM
- PTFE
- UHMW-PE

### Scope of delivery

- Operating manual
- CE declaration of conformity
- Nozzle set F1
- GA 3000SC

### Order information

- Determine the gun type.
- Determine which hoses and accessories are required.
- Determine whether you require material circulation.
- Select the desired nozzle system and air cap.
- Select the material and air connections.

# Accessories airspray guns

WAGNER offers you an extensive range of accessories for airspray guns.  
Select your required components from the table.



|                              | GM 1030P | GA 1020 | GA 1030 | GA 1900 |         |
|------------------------------|----------|---------|---------|---------|---------|
| Air caps - flat jet          |          |         |         |         |         |
| Air cap 0.3-1.8 mm CONV 8    | ●        | ●       | ●       |         | 2401161 |
| Air cap 2.0-2.5 mm CONV 8    | ●        |         | ●       |         | 2401165 |
| Air cap 3.0 mm CONV 8        | ●        |         | ●       |         | 2401166 |
| Air cap 3.5 mm CONV 8        | ●        |         | ●       |         | 2401167 |
| Air cap 0.3-1.8 mm CONV 10   | ●        | ●       | ●       |         | 2401168 |
| Air cap 2.0-2.5 mm CONV 10   | ●        |         | ●       |         | 2401169 |
| Air cap 3.0 mm CONV 10       | ●        |         | ●       |         | 2401170 |
| Air cap 3.5 mm CONV 10       | ●        |         | ●       |         | 2401171 |
| Air cap 0.3-1.8 mm CONV 12   | ●        | ●       | ●       |         | 2401172 |
| Air cap 2.0-2.5 mm CONV 12   | ●        |         | ●       |         | 2401173 |
| Air cap 0.3-1.8 mm CONV 14   | ●        | ●       | ●       |         | 2401174 |
| Air cap 2.0-2.5 mm CONV 14   | ●        |         | ●       |         | 2401175 |
| Air cap 0.3-1.8 mm HVLP-Plus | ●        | ●       | ●       |         | 2401176 |
| Air cap 2.0-2.5 mm HVLP-Plus | ●        |         | ●       |         | 2401177 |
| Air cap 3.0 mm HVLP-Plus     | ●        |         | ●       |         | 2401178 |
| Air cap 3.5 mm HVLP-Plus     | ●        |         | ●       |         | 2401179 |
| Air cap 0.3-1.8 mm HVLP      | ●        | ●       | ●       |         | 2401180 |
| Air cap 2.0-2.5 mm HVLP      | ●        |         | ●       |         | 2401181 |
| Air cap 3.0 mm HVLP          | ●        |         | ●       |         | 2401182 |
| Air cap 3.5 mm HVLP          | ●        |         | ●       |         | 2401183 |
| GA 1900 air cap standard     |          |         |         | ●       | 2392763 |
| GA 1900 air cap medium       |          |         |         | ●       | 2394316 |
| GA 1900 air cap small        |          |         |         | ●       | 2394317 |
| GA 1900 air cap lock nut     |          |         |         | ●       | 2392764 |



|                              |         |         |         |         |  |
|------------------------------|---------|---------|---------|---------|--|
| Nozzle and needle sets       |         |         |         |         |  |
| Nozzle and needle set 0.5 mm | 2400786 | 2407285 | 2407265 | 2394322 |  |
| Nozzle and needle set 0.8 mm | 2400787 | 2407286 | 2407266 | 2394323 |  |
| Nozzle and needle set 1.0 mm | 2400788 | 2407287 | 2407267 | 2394327 |  |
| Nozzle and needle set 1.2 mm | 2400789 | 2407288 | 2407268 | 2394328 |  |
| Nozzle and needle set 1.4 mm |         |         |         | 2394329 |  |
| Nozzle and needle set 1.5 mm | 2400790 | 2407289 | 2407269 |         |  |
| Nozzle and needle set 1.8 mm | 2400791 | 2407290 | 2407270 |         |  |
| Nozzle and needle set 2.0 mm | 2400792 |         | 2407271 |         |  |
| Nozzle and needle set 2.2 mm | 2400793 |         | 2407272 |         |  |
| Nozzle and needle set 2.5 mm | 2400794 |         | 2407281 |         |  |
| Nozzle and needle set 3.0 mm | 2400795 |         | 2407282 |         |  |
| Nozzle and needle set 3.5 mm | 2400796 |         | 2407283 |         |  |



|   | GM 1030P   | GA 1020 | GA 1030 | GA 1900 |             |
|---|--|---------|---------|---------|-------------|
|    | <b>Gun flush box</b>   |         |         |         |             |
|   | Gun flush box for GM 1030P   | ●       |         |         | 2308814     |
|   | <b>Other accessories</b>   |         |         |         |             |
|   | Forming air regulation 110° set                                    | ●       |         |         | 2403453     |
|   | Material tube with filter cpl.<br>(incl. 100 mym mesh edge filter) | ●       |         |         | 2401072     |
|   | Edge filter 60 mesh  | ●       |         |         | 3204604     |
|   | Edge filter 100 mesh   | ●       |         |         | 3204605     |
|   | Edge filter 200 mesh   | ●       |         |         | 9999002     |
|   | Swivel joint air   | ●       |         |         | 2324766     |
|   | Double swivel joint air 1/4"                                       | ●       |         |         | V0000104000 |
|   | Swivel joint 3/8" I/A f. Premium/ GM 1030P                         | ●       |         |         | V0000102100 |
|   | Suspension pressure cups, 800 ccm                                  | ●       |         |         | V1135273000 |
|   | Manometer/hose for HPB   | ●       |         |         | V3555500010 |
|   | Suction cup, 1000 ccm  | ●       |         |         | V1135400000 |
|  | <b>Hose packages GM 1030P</b>                                      |         |         |         |             |
|   | LP hose package Flex DN6 7.5 m                                     | ●       |         |         | 2405455     |
|   | LP hose package Flex DN6 10 m                                      | ●       |         |         | 2405456     |
|   | LP hose package PA DN6 7.5 m                                       | ●       |         |         | 2405457     |
|   | LP hose package PA DN6 10 m  | ●       |         |         | 2405458     |
|  | <b>Base plates</b>   |         |         |         |             |
|   | GA 1030 base plate (aluminum, nickel plated)                       |         | ●       |         | 2407164     |
|   | GA 1030 base plate SSst  |         | ●       |         | 2407163     |
|   | GA 1030 base plate with flushing valve                             |         | ●       |         | 2410060     |
|   | GA 1030 base plate for AGMD 517/PaintPro                           |         | ●       |         | 2409620     |
|   | Gun adapter GA 1030 for TF RobotBell 1                             |         | ●       |         | 2411634     |
|   | GA 1030 60° adapter for robot application                          |         | ●       |         | 2411635     |
|   | GA 1900 60° adapter for robot application                          |         |         | ●       | 2394307     |
|   | Connection plate GA 1900 standard                                  |         |         | ●       | 2396123     |
|   | Connection plate GA 1900 C with circulation                        |         |         | ●       | 2390527     |
|   | Connection plate GA 1900 for 2K                                    |         |         | ●       | 2394306     |
|   | Connection plate for AGMD 517/PaintPro change                      |         |         | ●       | 2394308     |
|   | Connection plate for standard WA905 change                         |         |         | ●       | 2394309     |
|   | Gun adapter GA 1900 for TF RobotBell 1                             |         |         | ●       | 2392156     |

# Accessories airspray guns

WAGNER offers you an extensive range of accessories for airspray guns.  
Select your required components from the table.

|  | GM 1030P | GA 1020 | GA 1030 | GA 1900 |             |
|--|----------|---------|---------|---------|-------------|
| Additional accessories                           |          |         |         |         |             |
| Holder for gun or base plate                     |          | ●       | ●       |         | 2409636     |
| Closing plug G1/4                                |          | ●       | ●       |         | 2394499     |
| Material fitting straight for adapter plate SSst |          | ●       | ●       |         | 2406685     |
| Material fitting 90° for adapter plate SSst      |          | ●       | ●       |         | V2190020003 |
| Nut for material fitting 90°                     |          | ●       | ●       |         | V2190016000 |
| Fitting-PF-M-R1/8-530bar-SSst                    |          | ●       | ●       |         | 2324032     |
| IC air regulator set                             |          | ●       | ●       |         | 2407244     |
| Conversion set needle stroke - micrometer screw  |          | ●       | ●       |         | 2407259     |
| Conversion set without needle adjustment         |          | ●       | ●       |         | 2407261     |
| Fitting set for mounting without adapter         |          | ●       | ●       |         | 2411643     |
| Service sets                                     |          |         |         |         |             |
| Service set GM 1030P                             | ●        |         |         |         | 2400784     |
| Service set GA 1030                              |          | ●       |         |         | 2407254     |
| Service set piston                               |          | ●       | ●       |         | 2407247     |
| Service set piston without valves                |          | ●       | ●       |         | 2411646     |
| Service set GA 1900                              |          |         |         | ●       | 2394319     |

# Accessories SupraCoat

WAGNER offers you an extensive range of accessories for the SupraCoat spray gun.  
Select your required components from the table.



|  | GA 3000SCIC | GA 3000SCEC |         |
|--|-------------|-------------|---------|
| Nozzles - flat jet                     |             |             |         |
| Nozzle SC3000 0.50 set                 | ●           | ●           | 383930  |
| Nozzle SC3000 0.80 set                 | ●           | ●           | 383931  |
| Nozzle SC3000 1.00 set                 | ●           | ●           | 383932  |
| Nozzle SC3000 1.25 set                 | ●           | ●           | 383933  |
| Nozzle SC3000 1.60 set                 | ●           | ●           | 383934  |
| Nozzle SC3000 2.00 set                 | ●           | ●           | 383935  |
| Nozzle SC3000 2.50 set                 | ●           | ●           | 383936  |
| Nozzle SC3000 0.3 set                  | ●           | ●           | 383937  |
| Air caps - flat jet                    |             |             |         |
| Air cap SC3000 2.00                    | ●           | ●           | 383920  |
| Air cap SC3000 2.50                    | ●           | ●           | 383921  |
| Air cap SC3000 3.15                    | ●           | ●           | 383922  |
| Air cap SC3000 4.00                    | ●           | ●           | 383923  |
| Material connection                    |             |             |         |
| Connection set C D19                   | ●           | ●           | 383960  |
| Connection set C M24x1.5-d19           | ●           | ●           | 383961  |
| Hose cover M24x1.5-d19                 | ●           | ●           | 383962  |
| Lock pin circulation                   |             |             |         |
| Lock pin cpl.                          | ●           | ●           | 380923  |
| Lock pin cpl. UV                       | ●           | ●           | 380963  |
| Assembly accessories                   |             |             |         |
| Holder standard 180                    | ●           | ●           | 380941  |
| Holder rotatable                       | ●           | ●           | 380942  |
| Part-turn actuator cpl.                | ●           | ●           | 380943  |
| Holder rotatable 40/40/5               | ●           | ●           | 380945  |
| Roboter adapter plate Fanuc to ABB D63 |             | ●           | 383980  |
| Air hose                               |             |             |         |
| Hose PEN 8/5.5 red                     | ●           | ●           | 9982063 |
| Hose PEN 8/5.5 green                   | ●           | ●           | 9982077 |
| Other accessories                      |             |             |         |
| Conversion kit GA 3000SC IC UV set     | ●           |             | 383965  |
| Conversion kit GA 3000SC EC UV         |             | ●           | 383983  |



# Electrostatic airspray manual and automatic guns

WAGNER electrostatic manual and automatic guns convince with high reliability, process and operating safety. Thanks to their external power supply with WAGNER control units, the guns are very light, robust and vibration-free. The operating concept offers flexibility and ease of use.



GM 5000EA



GA 5000EA



GM 5020EAW



GA 5000EAW

| Atomisation                             |              |              |              |              |
|---|--------------|--------------|--------------|--------------|
| Conventional flat jet                   | ●            | ●            | ●            | ●            |
| Conventional wide jet                   | ●            | ●            | ●            | ●            |
| Conventional round jet                  | ●            | ●            | ●            | ●            |
| Processable material                    |              |              |              |              |
| Solvent-based material                  | ●            | ●            |              |              |
| Solvent-based - lightly conductive      | ●            | ●            |              |              |
| Solvent-based metallic paint            | ●            | ●            |              |              |
| Water-based - flame-resistant           |              |              | ●            | ●            |
| Nozzle sizes                            |              |              |              |              |
| Round jet ring gap Ø                    | 8 mm, 12 mm  | 8 mm, 12 mm  | 8 mm, 12 mm  | 8 mm, 12 mm  |
| Flat jet Ø                              | 0.6 - 2.0 mm | 0.6 - 2.0 mm | 0.3 - 2.0 mm | 0.3 - 2.0 mm |
| Mounting                                |              |              |              |              |
| Manual gun                              | ●            |              | ●            |              |
| Direct mounting (without adapter plate) |              | ●            |              | ●            |
| Control unit                            |              |              |              |              |
| VM 500                                  | ●            |              |              |              |
| VM 5000                                 | ●            |              |              |              |
| EPG 5000                                |              | ●            |              |              |
| VM 5020W                                |              |              | ●            |              |
| VM 5020WA                               |              |              |              | ●            |
| AquaCoat (cabinet)                      |              |              |              |              |
| AquaCoat 5010                           |              |              | ●            | ●            |
| AquaCoat 5020                           |              |              | ●            | ●            |

# Overview electrostatic airspray

The range of electrostatic spray guns includes both manual and automatic guns for processing solvent and water-based paints. With the AquaCoat product family, WAGNER additionally offers a special ready-to-use system for the simple and safe application of water-based paints.

## Solvent-based

## Water-based

### Manual



GM 5000EA



VM 5000



VM 500

High voltage cascade integrated in the spray gun  
Accessories for the application of higher conductive  
Material and metallics



GM 5020EAW



AquaCoat 5010 manual  
AquaCoat 5020 manual  
Optional window  
with Controller VM 5020

High voltage cascade integrated in the spray gun

### Automatic



GA 5000EA



EPG 5000

High voltage cascade integrated in the spray gun  
Internal or external air control



GA 5000EAW



AquaCoat 5010 automatic  
AquaCoat 5020 automatic  
Optional window  
With Controller VM 5020A & built-in cascade

High voltage cascade in AquaCoat cabinet  
Internal or external air control

# GM 5000EA

## Airspray electrostatic manual gun



Electrostatic manual gun for airspray applications with low-conductive solvent-based lacquers. With integrated high-voltage cascade. Additionally required: Control unit VM 500 or VM 5000



| Technical data             |                        |
|----------------------------|------------------------|
| Output current             | 100 µA                 |
| Material conductivity      | 18,5 MΩ.cm - 123 MΩ.cm |
| Material conductivity LowR | 6,2 MΩ.cm - 123 MΩ.cm  |
| Material pressure          | 0 bar - 8 bar          |
| Material inlet             | G 1/4" - M             |
| Air inlet pressure range   | 0 bar - 8 bar          |
| Compressed air connection  | M - G 1/4"             |
| Material temperature range | 50 °C                  |
| Length                     | 261 mm                 |
| Height                     | 245 mm                 |
| Weight                     | 630 g                  |

| Product variants             | Item no. |
|------------------------------|----------|
| GM 5000EA                    | 2309870  |
| GM 5000EA - FM               | 2344471  |
| GM 5000EA spiral coiled tube | 2363668  |

### Processable materials

Weakly conductive, solvent-based paints, primers and separating agents (1K and 2K)

### Scope of delivery

GM 5000EA (without nozzle and air cap)  
Gun protection

### Order information

Consider conductivity.  
In addition to individual guns, ready-to-spray sets can be composed, consisting of gun, nozzle, material hose pack and control unit.  
Comprehensive accessories range.





# GA 5000EA

## Automatic Airspray electrostatic gun for solvent-based material



Electrostatic automatic gun for low pressure applications, internal or external control of shaping and atomisation air. For solvent-based paint.

| Technical data             |                        |
|----------------------------|------------------------|
| Output voltage max.        | 80 kV                  |
| Output current max.        | 100 µA                 |
| Material conductivity      | 18,5 MΩ.cm - 123 MΩ.cm |
| Material conductivity LowR | 6,2 MΩ.cm - 123 MΩ.cm  |
| Nozzle diameter            | 0,3 mm - 2 mm          |
| Material pressure          | 8 bar                  |
| Material inlet             | G 1/4" - M             |
| Air inlet pressure range   | 8 bar                  |
| Sound level                | 73 dB(A)               |
| Material temperature range | 50 °C                  |
| Length                     | 272 mm                 |
| Width                      | 74 mm                  |
| Height                     | 135 mm                 |
| Weight                     | 1,200 g                |

| Product variants | Item no. |
|------------------|----------|
| GA5000 EA EC     | 2360901  |
| GA5000 EA IC     | 2360900  |

### Processable materials

- 1K solvent-based primers
- 1K solvent-based paints
- 2K solvent-based primers
- Solvent-based separating agents

### Scope of delivery

GA 5000EA internal or external control  
(without nozzle and air cap)

### Order information

- Determine the required control unit and nozzle size.
- Determine other accessories, such as hoses, cables, mounting, etc.
- Select the type of nozzle system (round or flat spray).





# VM 500

## Control unit for GM5000 EA



Control unit to drive the electrostatic manual guns GM 5000 and GM5000 EAC. 80 kV with monitoring function and safety cut-off.



| Technical data        |                            |
|-----------------------|----------------------------|
| Input voltage         | 115 – 230 V                |
| Gun voltage           | 80 kV                      |
| Gun spray current     | 100 µA                     |
| Input power           | 40 W                       |
| Input frequency       | 50 – 60 Hz                 |
| Protection class      | IP 54                      |
| Operating temperature | 5 – 40 °C, 41.0 – 104.0 °F |
| Weight                | 2,3 kg, 5.1 lb             |
| Length                | 230,0 mm, 9.1 in.          |
| Width                 | 180 mm, 7.1 in.            |
| Height                | 120 mm, 4.7 in.            |

| Product variants      | Item no. |
|-----------------------|----------|
| Controler VM 500      | 2310478  |
| Controler VM 500 - FM | 2344479  |

**Scope of delivery**  
Grounding cable complete 10 m, 33 ft  
Power cord 3 m

**Order information**  
Control unit for GM 5000EA/EAC



# VM 5000

## Control unit for GM5000 EA/EAC



Control unit to drive the electrostatic manual guns GM 5000EA and GM 5000EAC. Adjustable high-voltage, recipe changes, safety monitoring and many other features.

| Technical data        |                            |
|-----------------------|----------------------------|
| Input voltage         | 115 – 230 V                |
| Gun voltage           | 80 kV                      |
| Gun spray current     | 100 µA                     |
| Input power           | 40 W                       |
| Input frequency       | 50 – 60 Hz                 |
| Protection class      | IP 54                      |
| Operating temperature | 5 – 40 °C, 41.0 – 104.0 °F |
| Weight                | 2.3 kg, 5.1 lb             |
| Length                | 250.0 mm, 9.8 in.          |
| Width                 | 180 mm, 7.1 in.            |
| Height                | 120 mm, 4.7 in.            |

| Product variants       | Item no. |
|------------------------|----------|
| Controler VM 5000      | 2310477  |
| Controler VM 5000 - FM | 2344480  |

### Scope of delivery

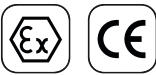
Grounding cable complete 10 m, 33 ft  
Power cord 3 m

### Order information

Control unit for GM 5000EA/EAC, GA 5000EA/EAC

# EPG 5000

## Control unit for GA 5000EA/EAC



EPG 5000 controls automatic electrostatic automatic guns for the application of solvent-based lacquers.



| Technical data        |  |
|-----------------------|--|
| Input voltage         | 115 – 250 V                                |
| Gun voltage           | 80 kV                                      |
| Input current         | 0.5 A                                      |
| Gun spray current     | 100 µA                                     |
| Input power           | 40 W                                       |
| Protection class      | IP 40                                      |
| Air inlet pressure    | 0.4 – 0.8 MPa, 4,0 – 8,0 bar, 58 – 116 PSI |
| Max. number of guns   | 1  |
| Operating temperature | 0 – 40 °C, 32.0 – 104.0 °F                 |
| Weight                | 6.7 kg, 14.8 lb                            |
| Width                 | 370 mm, 14.6 in.                           |
| Height                | 136 mm, 5.4 in.                            |
| Depth                 | 295 mm, 11.6 in.                           |

| Product variants      | Item no. |
|-----------------------|----------|
| Control unit EPG 5000 | 2359918  |

**Scope of delivery**  
EPG 3000  
Grounding cable complete 10 m, 33 ft  
Power cord 3 m

**Order information**  
Control unit for GA 5000EA/EAC

# Accessories electrostatic airspray guns

WAGNER offers you an extensive range of accessories for electrostatic airspray guns.  
Select your required components from the table.



|  | GM 5000EA | GM 5000EA FM | GA 5000EA |         |
|--|-----------|--------------|-----------|---------|
| <b>Mounting</b>                            |           |              |           |         |
| Wall mounting GM 5000E (left/right)        | ●         | ●            |           | 2326485 |
| <b>Valve tip &amp; valve seats</b>         |           |              |           |         |
| Valve tip air cpl. (PEEK)                  | ●         | ●            | ●         | 2312184 |
| Valve tip air cpl. (steel)                 | ●         | ●            | ●         | 2312185 |
| Valve seat air cpl. (steel)                | ●         | ●            | ●         | 2312179 |
| Valve seat air cpl. (PEEK)                 | ●         | ●            | ●         | 2312176 |
| Valve tip EAW cpl. (PEEK)                  | ●         | ●            | ●         | 2312187 |
| <b>Nozzles - flat jet</b>                  |           |              |           |         |
| Nozzle EAF 5000 - 0.6 mm                   | ●         | ●            | ●         | 2310539 |
| Nozzle EAF 5000 - 0.8 mm                   | ●         | ●            | ●         | 2310540 |
| Nozzle EAF 5000 - 1.0 mm                   | ●         | ●            | ●         | 2310541 |
| Nozzle EAF 5000 - 1.2 mm                   | ●         | ●            | ●         | 2310542 |
| Nozzle EAF 5000 - 1.4 mm                   | ●         | ●            | ●         | 2310543 |
| Nozzle EAF 5000 - 1.6 mm                   | ●         | ●            | ●         | 2310544 |
| Nozzle EAF 5000 - 1.8 mm                   | ●         | ●            | ●         | 2310545 |
| Nozzle EAF 5000 - 2.0 mm                   | ●         | ●            | ●         | 2310546 |
| <b>Air caps - flat jet</b>                 |           |              |           |         |
| Air cap EAF 5000 - 0.4-0.8S                | ●         | ●            | ●         | 2310506 |
| Air cap EAF 5000 - 1.0-1.4S                | ●         | ●            | ●         | 2310507 |
| Air cap EAF 5000 - 1.6-2.0S                | ●         | ●            | ●         | 2310508 |
| Air cap EAF 5000 - 0.4-0.8W                | ●         | ●            | ●         | 2314255 |
| Air cap EAF 5000 - 1.0-1.4W                | ●         | ●            | ●         | 2314256 |
| Air cap EAF 5000 - 1.6-2.0W                | ●         | ●            | ●         | 2314258 |
| <b>Nozzles - round jet</b>                 |           |              |           |         |
| Nozzle AR 5000 - D8                        | ●         | ●            | ●         | 2310558 |
| Nozzle AR 5000 - D12                       | ●         | ●            | ●         | 2315050 |
| Nozzle set EARV 5000 LV                    | ●         | ●            | ●         | 2361290 |
| Nozzle set EARV 5000 HV                    | ●         | ●            | ●         | 2365979 |
| <b>Air caps - round jet</b>                |           |              |           |         |
| Air cap AR 5000 - D8                       | ●         | ●            | ●         | 2310557 |
| Air cap AR 5000 - D12                      | ●         | ●            | ●         | 2315049 |
| <b>Gun flush box</b>                       |           |              |           |         |
| Gun flush box for GM 5000 EA/EAC round jet | ●         | ●            |           | 2327973 |





# Accessories electrostatic airspray guns

WAGNER offers you an extensive range of accessories for electrostatic airspray guns.  
Select your required components from the table.



|                                      | GM 5000EA | GM 5000EA FM | GA 5000EA |         |
|--------------------------------------|-----------|--------------|-----------|---------|
| Control units                        |           |              |           |         |
| Control unit VM 500                  | ●         |              |           | 2310478 |
| Control unit VM 5000                 | ●         |              | ●         | 2310477 |
| Control unit VM 500 (USA)            |           | ●            |           | 2344479 |
| Control unit VM 5000 (USA)           |           | ●            |           | 2344480 |
| Control unit EPG 5000                |           |              | ●         | 2359918 |
| Hose packages airspray               |           |              |           |         |
| Hose set GM 5000EA (7.5 m)           | ●         |              |           | 2339167 |
| Hose set GM 5000EA (10 m)            | ●         |              |           | 2339168 |
| Hose set GM 5000EA (15 m)            | ●         |              |           | 2339169 |
| Hose set GM 5000EA (20 m)            | ●         |              |           | 2339170 |
| Hose set GM 5000EA (7.5 m), Low R    | ●         |              |           | 2339175 |
| Hose set GM 5000EA (10 m), Low R     | ●         |              |           | 2339176 |
| Hose set GM 5000EA (15 m), Low R     | ●         |              |           | 2339177 |
| Hose set GM 5000EA (20 m), Low R     | ●         |              |           | 2339178 |
| Hose set GM 5000EA USA (7.5 m)       |           | ●            |           | 2356991 |
| Hose set GM 5000EA USA (10 m)        |           | ●            |           | 2356992 |
| Hose set GM 5000EA USA (15 m)        |           | ●            |           | 2356993 |
| Hose set GM 5000EA USA (20 m)        |           | ●            |           | 2356994 |
| Hose set GM 5000EA USA Low R (7.5 m) |           | ●            |           | 2357021 |
| Hose set GM 5000EA USA Low R (10 m)  |           | ●            |           | 2357022 |
| Hose set GM 5000EA USA Low R (15 m)  |           | ●            |           | 2357023 |
| Hose set GM 5000EA USA Low R (20 m)  |           | ●            |           | 2357024 |
| LP-hose-DN6-PN20-G1/4"-7.5 m-PA      |           |              | ●         | 2339130 |
| LP-hose-DN6-PN20-G1/4"-10 m-PA       |           |              | ●         | 2339131 |
| LP-hose-DN8-PN17-G1/4"-15 m-PA       |           |              | ●         | 2339132 |
| LP-hose-DN8-PN17-G1/4"-20 m-PA       |           |              | ●         | 2339133 |
| Material hose GA EA (7.5 m) LowR     |           |              | ●         | 2367203 |
| Material hose GA EA (10 m) LowR      |           |              | ●         | 2367204 |
| Material hose GA EA (15 m) LowR      |           |              | ●         | 2367205 |
| Material hose GA EA (20 m) LowR      |           |              | ●         | 2367206 |
| Assembly accessories                 |           |              |           |         |
| Holder standard 180                  |           |              | ●         | 380941  |
| Holder turnable                      |           |              | ●         | 380942  |
| Holder turnable 40/40/5              |           |              | ●         | 380945  |
| Part turn actuator cpl.              |           |              | ●         | 380943  |
| Adapter plate Cefla                  |           |              | ●         | 2314079 |



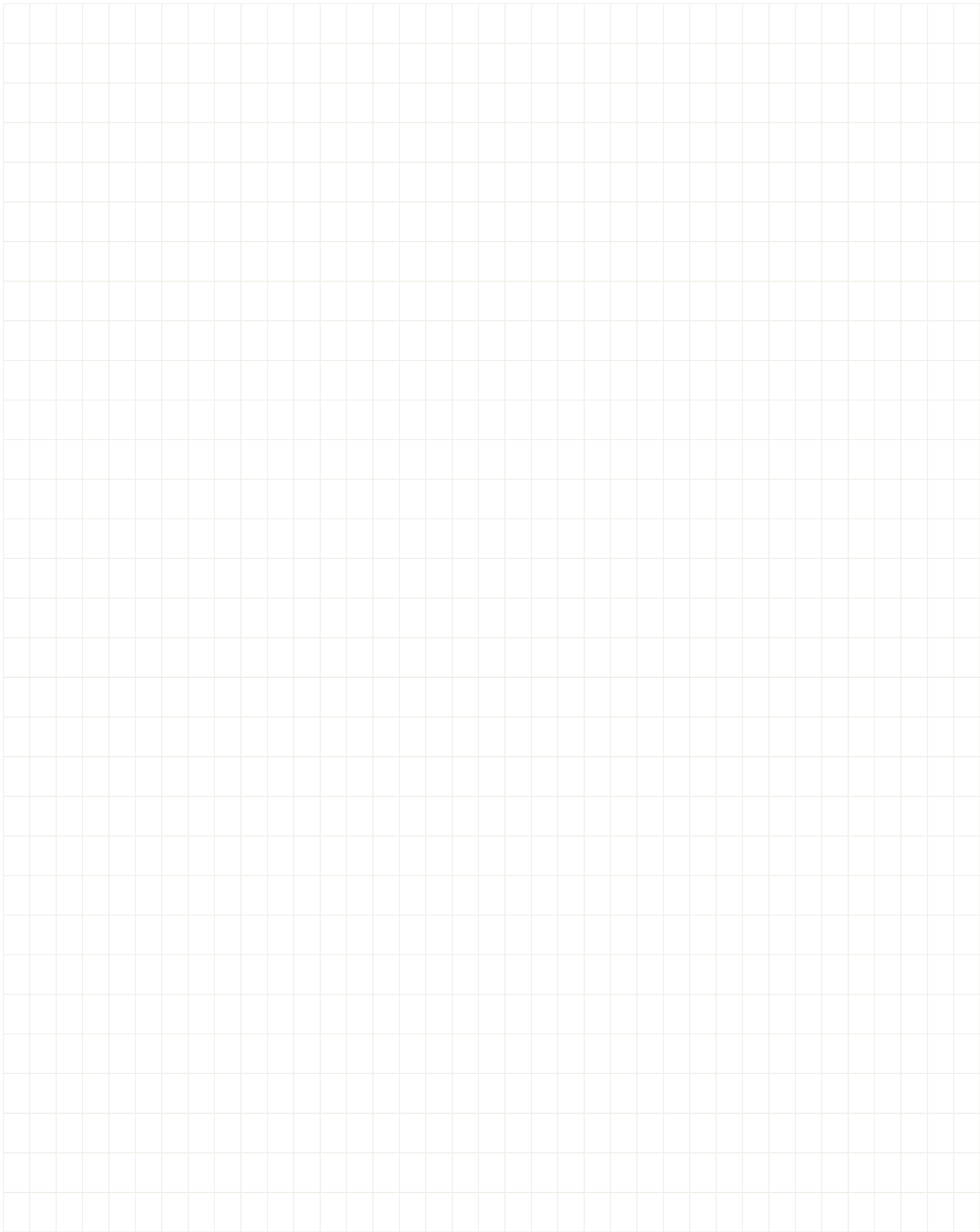
|   | GM 5000EA | GM 5000EA FM | GA 5000EA |         |
|---|-----------|--------------|-----------|---------|
| Accessories metallic application        |           |              |           |         |
| Spiral hose cpl.                        | ●         |              |           | 2355046 |
| Spiral hose cpl. (USA)                  |           | ●            |           | 2355047 |
| Spiral hose GA EA cpl.                  |           |              | ●         | 2367216 |
| Extension & control cables              |           |              |           |         |
| Gun cable GM 5000E 25 m                 |           |              | ●         | 2339160 |
| Gun cable GM 5000E 32 m                 |           |              | ●         | 2344995 |
| Gun cable GM 5000E 62 m                 |           |              | ●         | 2344996 |
| Other accessories                       |           |              |           |         |
| Retrofit PSV to GM 5000EA/EAC round jet | ●         | ●            |           | 2328626 |
| Paint resistivity meter RS 500          | ●         | ●            |           | 2326041 |
| H.V. tester HV200 N                     | ●         | ●            |           | 259010  |
| Gun cover                               | ●         | ●            |           | 2319653 |

# Accessories control units

WAGNER offers you an extensive range of accessories for control units.  
Select your required components from the table.

|                               | VM 500 | VM 500 FM | VM 5000 | VM 5000 FM | EPG 5000 |         |
|-------------------------------|--------|-----------|---------|------------|----------|---------|
| Mounting                      |        |           |         |            |          |         |
| Holder control unit cpl.      | ●      | ●         | ●       | ●          |          | 2327509 |
| Rack mounting cpl.            |        |           |         |            | ●        | 2369616 |
| Wall mounting cpl.            |        |           |         |            | ●        | 2369636 |
| Extension & control cables    |        |           |         |            |          |         |
| Mains cable Europe (Schuko)   | ●      |           | ●       |            |          | 241270  |
| Mains cable CH                | ●      |           | ●       |            |          | 241271  |
| Mains cable USA               | ●      | ●         | ●       | ●          |          | 264626  |
| Mains cable Japan             | ●      |           | ●       |            |          | 264625  |
| Earthing cable 10 m           | ●      | ●         | ●       | ●          |          | 130215  |
| Earthing cable cpl. 3 m       | ●      | ●         | ●       | ●          |          | 236219  |
| Interface cable VM 5000       |        |           | ●       | ●          | ●        | 2317600 |
| Interface cable EPG 5000 5 m  |        |           |         |            | ●        | 360393  |
| Interface cable EPG 5000 15 m |        |           |         |            | ●        | 360391  |







# GM 5020EAW

## Airspray electrostatic manual gun for water-based paints



Electrostatic manual gun for airspray applications with separating agents and water-based lacquers. Internal charging with integrated high-voltage cascade.



| Technical data             |                   |
|----------------------------|-------------------|
| Output voltage max.        | 70 kV             |
| Output current max.        | 100 µA            |
| Material conductivity      | 1 kΩ.cm - 1 MΩ.cm |
| Nozzle diameter            | 0.3 mm - 2 mm     |
| Material pressure          | 0 bar - 8 bar     |
| Material inlet             | G 1/4" - M        |
| Air inlet pressure range   | 0 bar - 8 bar     |
| Compressed air connection  | M - G 1/4"        |
| Sound level                | 78 dB(A)          |
| Material temperature range | 50 °C             |
| Length                     | 261 mm            |
| Height                     | 245 mm            |
| Weight                     | 580 g             |

| Product variants | Item no. |
|------------------|----------|
| GM 5020EAW       | 2362852  |

### Processable materials

- 1K water-based primers
- 1K water-based paints
- 2K water-based primers
- Water-based paints (2K, 3K and 4K)
- Separating agents

### Scope of delivery

- GM 5020EAW (with cascade, without nozzle and air cap)
- Gun protection

### Order information

- Determine which additional accessories are required, e.g. hoses, cables, etc.
- Determine the required nozzle size.
- Select the type of nozzle system (round or flat spray).





# GA 5000EAW

## Automatic airspray electrostatic gun for water-based paints



Electrostatic automatic gun for low-pressure applications, internal or external control of shaping and atomisation air. For water-based paints.

| Technical data             |                   |
|----------------------------|-------------------|
| Output voltage max.        | 80 kV             |
| Output current max.        | 100 µA            |
| Material conductivity      | 1 kΩ.cm - 1 MΩ.cm |
| Nozzle diameter            | 0.3 mm - 2 mm     |
| Material pressure          | 8 bar             |
| Material inlet             | G 1/4" - M        |
| Air inlet pressure range   | 8 bar             |
| Sound level                | 78 dB(A)          |
| Material temperature range | 50 °C             |
| Length                     | 272 mm            |
| Width                      | 74 mm             |
| Height                     | 135 mm            |
| Weight                     | 1,000 g           |

| Product variants | Item no. |
|------------------|----------|
| GA5000 EAW EC    | 2366350  |
| GA5000 EAW IC    | 2366351  |

### Processable materials

- 1K water-based primers
- 1K water-based paints
- 2K water-based primers
- Water-based paints (2K, 3K and 4K)
- Water-based separating agents

### Scope of delivery

GA 5000EAW internal or external control

### Order information

- Determine the required control unit and nozzle size.
- Determine other accessories, such as hoses, cables, mounting, etc.
- Select the type of nozzle system (round or flat spray).

# AquaCoat 5010 & 5020

## manual

### Manual electrostatic - water-based lacquers

Slim cabinet for the electrostatic processing of water-based lacquers and separating agents with manual guns. Completely insulated construction with internal charging of the materials for manual spraying applications, airspray and AirCoat. Basic spray sets including cabinet and control unit, pump set and guns can also be customized.



| Technical data                                |  |
|---|--|
| Output voltage                                | 70,0 kV                                  |
| Output current                                | 100 µA                                   |
| Total capacity (slim version / large version) | 30 l, 7,93 gal(US) / 60 l, 15,85 gal(US) |
| Length  | 560,0 mm, 22.0 in.                       |
| Width (slim version / large version)          | 800 mm, 31.5 in. / 1000 mm, 39.4 in.     |
| Height  | 1470 mm, 57.9 in.                        |

| Product variants                         | Item no. |
|--|----------|
| AquaCoat 5010 manual basic device        | 2363401  |
| AquaCoat 5010G manual basic device       | 2363736  |
| AquaCoat 5020 manual basic device        | 2363292  |
| AquaCoat 5020G manual basic device       | 2363734  |
| BS AQ5010 HP man. Evo 20-30 GM5020EACW   | 2364017  |
| BS AQ5010 HP man. Puma 28-40 GM5020EACW  | 2370696  |
| BS AQ5010 LP man. DD10 GM5020EAW         | 2364016  |
| BS AQ5010 LP man. ZIP 52 GM5020EAW       | 2364014  |
| BS AQ5020 HP man. Cobra 40-10 GM5020EACW | 2364022  |
| BS AQ5020 HP man. Evo 20-30 GM5020EACW   | 2364020  |
| BS AQ5020 HP man. Puma 28-40 GM5020EACW  | 2364021  |
| BS AQ5020 LP man. DD10 GM5020EAW         | 2364019  |
| BS AQ5020 LP man. ZIP 52 GM5020EAW       | 2364018  |

#### Scope of delivery

- Operating manual
- CE declaration of conformity
- Grounding cable
- Insulated cabinet with VM 5020W control unit
- Power cord
- Doors with window as option

#### Order information

The basic set contains the control unit, a pump set ready to fit and the GM 5020 manual gun.

The basic device contains the control unit.

Your authorized WAGNER partner will produce the system ready for spraying to suit the application requirement.





# AquaCoat 5010 & 5020

## automatic

### Automatic electrostatic - water-based lacquers

Coating system for the electrostatic processing of water-based lacquers and separating agents with automatic guns. Completely insulated construction with internal charging  
Complete the system with a pump set, hoses and automatic guns.

| Technical data |  |
|----------------|--|
|----------------|--|

|   |  |
|---|--|
| Output voltage                                | 80,0 kV                                  |
| Output current                                | 100 µA                                   |
| Total capacity (slim version / large version) | 30 l, 7,93 gal(US) / 60 l, 15,85 gal(US) |
| Length  | 560,0 mm, 22.0 in.                       |
| Width (slim version / large version)          | 800 mm, 31.5 in. / 1000 mm, 39.4 in.     |
| Height  | 1470 mm, 57.9 in.                        |

| Product variants | Item no. |
|------------------|----------|
|------------------|----------|

|                                       |         |
|---------------------------------------|---------|
| AquaCoat 5010 automatic basic device  | 2363404 |
| AquaCoat 5010G automatic basic device | 2363737 |
| AquaCoat 5020 automatic basic device  | 2363400 |
| AquaCoat 5020G automatic basic device | 2363735 |

#### Scope of delivery

- AquaCoat cabinet
- Operating manual
- CE declaration of conformity
- Grounding cable
- Power cord
- Control unit, high-voltage cascade
- Doors with window as option

#### Order information

The basic device contains cascade and control unit.



# VM 5020W

## Control unit for AquaCoat 5010/5020 - manual



Control unit to drive the electrostatic manual guns GM 5020 EAW and GM 5020 EACW. Including adjustable high voltage, recipe changes, safety monitoring and many other functions.



| Technical data        |                            |
|-----------------------|----------------------------|
| Input voltage         | 115 – 230 V                |
| Gun voltage           | 70 kV                      |
| Output current        | 100 µA                     |
| Input power           | 40 W                       |
| Input frequency       | 50 – 60 Hz                 |
| Operating temperature | 5 – 40 °C, 41.0 – 104.0 °F |
| Weight                | 6,4 kg, 14.1 lb            |
| Width                 | 370 mm, 14.6 in.           |
| Height                | 136 mm, 5.4 in.            |
| Depth                 | 268 mm, 10.6 in.           |

| Product variants      | Item no. |
|-----------------------|----------|
| Control unit VM 5020W | 2362954  |

**Scope of delivery**  
VM 5020W

**Order information**  
Select the device and required accessories.

# VM 5020WA

## Control unit for AquaCoat 5010/5020 - automatic



Control unit to drive the electrostatic manual guns GM 5000EAW and GM 5000EA. Including adjustable high voltage, recipe changes, safety monitoring and many other functions.

| Technical data        |                            |
|-----------------------|----------------------------|
| Input voltage         | 115 – 230 V                |
| Gun voltage           | 80 kV                      |
| Output current        | 100 µA                     |
| Input power           | 40 W                       |
| Input frequency       | 50 – 60 Hz                 |
| Operating temperature | 5 – 40 °C, 41.0 – 104.0 °F |
| Weight                | 6,4 kg, 14.1 lb            |
| Width                 | 370 mm, 14.6 in.           |
| Height                | 136 mm, 5.4 in.            |
| Depth                 | 268 mm, 10.6 in.           |

| Product variants       | Item no. |
|------------------------|----------|
| Control unit VM 5020WA | 2363323  |

### Scope of delivery

VM 5020WA

### Order information

Select the device and required accessories.



# Accessories AquaCoat basic unit manual

WAGNER offers you an extensive range of accessories for the manual AquaCoat basic units.  
Select your required components from the table.

|                                       | AquaCoat 5010 2363401 | AquaCoat 5010G 2363736 | AquaCoat 5020 2363292 | AquaCoat 5020G 2363734 |         |
|---------------------------------------|-----------------------|------------------------|-----------------------|------------------------|---------|
| Gun                                   |                       |                        |                       |                        |         |
| GM 5020EAW                            | ●                     | ●                      | ●                     | ●                      | 2362852 |
| Pump                                  |                       |                        |                       |                        |         |
| ZIP 52 Set for AquaCoat               | ●                     | ●                      | ●                     | ●                      | 2363856 |
| DD10 set for AquaCoat                 | ●                     | ●                      | ●                     | ●                      | 2364024 |
| Hose packages airspray                |                       |                        |                       |                        |         |
| Hose set (7.5 m)                      | ●                     | ●                      | ●                     | ●                      | 2339183 |
| Hose set (10 m)                       | ●                     | ●                      | ●                     | ●                      | 2339184 |
| Hose set (15 m)                       | ●                     | ●                      | ●                     | ●                      | 2339185 |
| Hose set (20 m)                       | ●                     | ●                      | ●                     | ●                      | 2339186 |
| Other accessories                     |                       |                        |                       |                        |         |
| Hose holder                           | ●                     | ●                      | ●                     | ●                      | 353050  |
| Gun holder assy.                      | ●                     | ●                      | ●                     | ●                      | 2359097 |
| Undercarriage 5010 with rollers assy. | ●                     | ●                      |                       |                        | 2364394 |
| Undercarriage 5020 with rollers assy. |                       |                        | ●                     | ●                      | 2359029 |
| Insert tray 5010                      | ●                     | ●                      |                       |                        | 2364790 |
| Insert tray 5020                      |                       |                        | ●                     | ●                      | 2364791 |
| Level monitoring with horn            | ●                     | ●                      | ●                     | ●                      | 353053  |
| Drum cover D350 with agitator         | ●                     | ●                      | ●                     | ●                      | 353055  |
| Drum cover D350 without agitator      | ●                     | ●                      | ●                     | ●                      | 353054  |



# Accessories AquaCoat basic unit automatic

WAGNER offers you an extensive range of accessories for the automatic AquaCoat basic units.  
Select your required components from the table.



|                                       | AquaCoat 5010 <b>2363404</b> | AquaCoat 5010G <b>2363737</b> | AquaCoat 5020 <b>2363400</b> | AquaCoat 5020G <b>2363735</b> |         |
|---------------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|---------|
| <b>Gun</b>                            |                              |                               |                              |                               |         |
| GA 5000EAWEC                          | ●                            | ●                             | ●                            | ●                             | 2366350 |
| GA 5000EAWIC                          | ●                            | ●                             | ●                            | ●                             | 2366351 |
| <b>Pump</b>                           |                              |                               |                              |                               |         |
| ZIP 52 set for AquaCoat               | ●                            | ●                             | ●                            | ●                             | 2363856 |
| DD10 set for AquaCoat                 | ●                            | ●                             | ●                            | ●                             | 2364024 |
| <b>Other accessories</b>              |                              |                               |                              |                               |         |
| Hose holder                           | ●                            | ●                             | ●                            | ●                             | 353050  |
| Level monitoring with horn            | ●                            | ●                             | ●                            | ●                             | 353053  |
| Drum cover D350 without agitator      | ●                            | ●                             | ●                            | ●                             | 353054  |
| Undercarriage 5020 with rollers assy. |                              |                               | ●                            | ●                             | 2359029 |
| Gun holder assy.                      | ●                            | ●                             | ●                            | ●                             | 2359097 |
| Undercarriage 5010 with rollers assy. | ●                            | ●                             |                              |                               | 2364394 |
| Insert tray 5010                      | ●                            | ●                             |                              |                               | 2364790 |
| Insert tray 5020                      |                              |                               | ●                            | ●                             | 2364791 |
| Drum cover D350 with agitator         | ●                            | ●                             | ●                            | ●                             | 353055  |
| <b>Hose packages airspray</b>         |                              |                               |                              |                               |         |
| Material hose EAW cpl. (7.5 m)        | ●                            | ●                             | ●                            | ●                             | 2368087 |
| Material hose EAW cpl. (10 m)         | ●                            | ●                             | ●                            | ●                             | 2368088 |
| Material hose EAW cpl. (15 m)         | ●                            | ●                             | ●                            | ●                             | 2368089 |
| Material hose EAW cpl. (20 m)         | ●                            | ●                             | ●                            | ●                             | 2368090 |
| Material hose WA EAW cpl. (7.5 m)     | ●                            | ●                             | ●                            | ●                             | 2368147 |
| Material hose WA EAW cpl. (10 m)      | ●                            | ●                             | ●                            | ●                             | 2368150 |
| Material hose WA EAW cpl. (15 m)      | ●                            | ●                             | ●                            | ●                             | 2368151 |
| Material hose WA EAW cpl. (20 m)      | ●                            | ●                             | ●                            | ●                             | 2368152 |

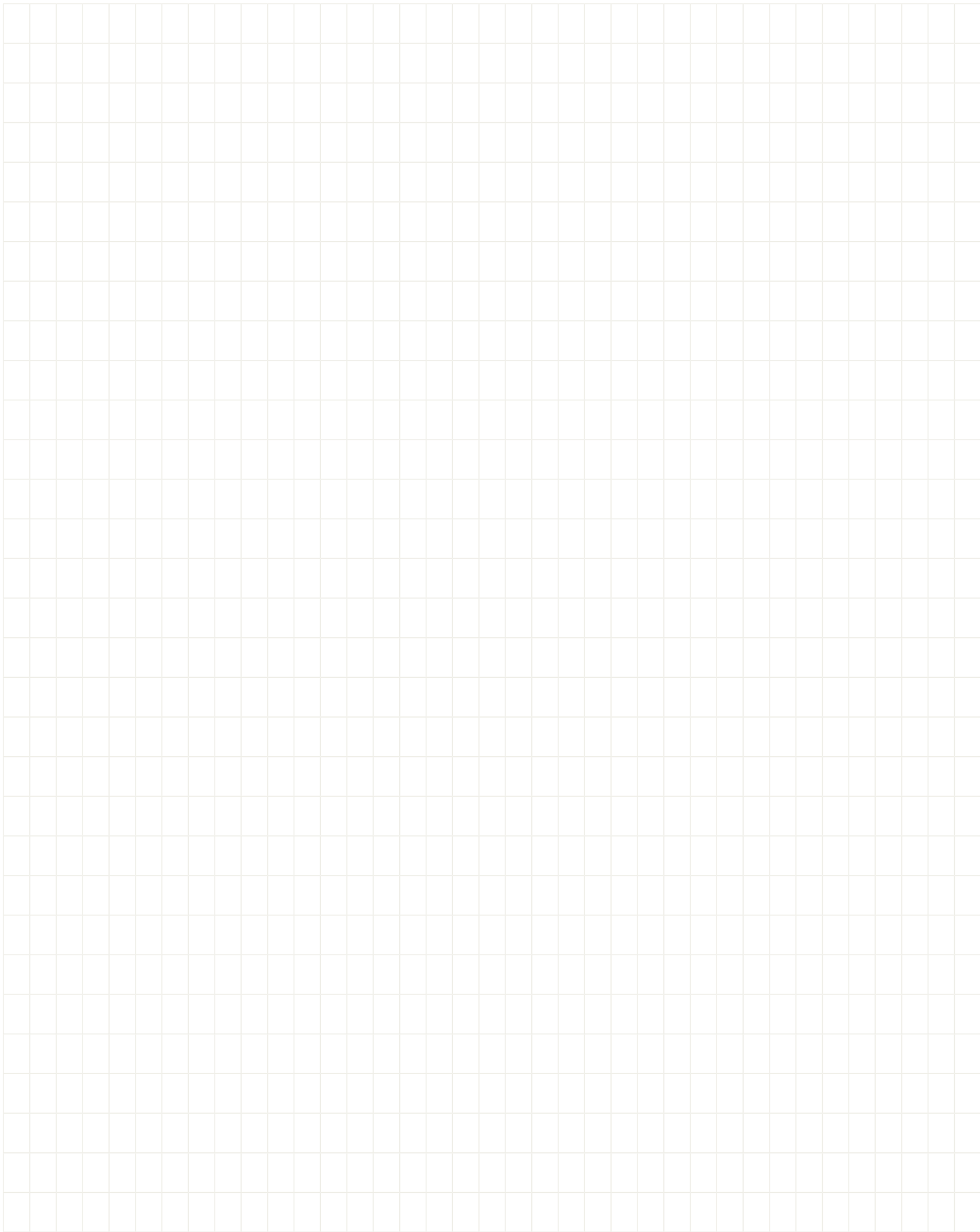
# Accessories control units electrostatic water-based

WAGNER offers you an extensive range of accessories for the control units electrostatic water-based.  
Select your required components from the table.



|                                | VM 5020W | VM 5020WA |         |
|--------------------------------|----------|-----------|---------|
| Extension & control cables     |          |           |         |
| Mains cable Europe (Schuko)    | ●        | ●         | 241270  |
| Mains cable with STAK 200 10 m | ●        | ●         | 2330628 |
| Mains cable Japan              | ●        | ●         | 264625  |
| Mains cable CH                 | ●        | ●         | 241271  |
| Mains cable USA                | ●        | ●         | 264626  |
| Earthing cable 10 m            | ●        | ●         | 130215  |
| Earthing cable cpl. 3 m        | ●        | ●         | 236219  |





# TOPFINISH RobotBell 1

## High-speed rotation atomizers



With the high-speed rotation atomizer WAGNER TOPFINISH RobotBell 1, both small workpieces and large surfaces can be coated with high efficiency. For mounting on robots.



| Technical data             |                 |
|----------------------------|-----------------|
| Nozzle diameter            | 0.8 mm - 1.7 mm |
| Material pressure          | 8 bar           |
| Material inlet             | G 1/4" - M      |
| Air inlet pressure range   | 8 bar           |
| Air XXX                    | 0.8 l/min       |
| Material temperature range | 50 °C           |
| Ambient temperature range  | 0 °C - 40 °C    |
| Length                     | 413 mm          |
| Width                      | 120 mm          |
| Weight                     | 5.1 kg          |

| Product variants            | Item no. |
|-----------------------------|----------|
| TF RobotBell 1 / Bell 1S VC | 2373517  |

### Processable materials

- Water and solvent based materials
- Pre mixed 2K materials
- Micro corrosion protection paints
- Sol-gel
- UV material

### Scope of delivery

The atomizer is supplied complete with air guide ring, bell plate, distributor and nozzle.

### Order information

Select the size of the bell plate including material, as well as the size of the nozzle and the number of material colors in the configurator.





# TOPFINISH Bell 1S

## High-speed rotation atomizers



With the high-speed rotation atomizer WAGNER TOPFINISH Bell1S, both small workpieces and large surfaces can be coated with high efficiency. For mounting on lifting devices and linear axes.

| Technical data             |                 |
|----------------------------|-----------------|
| Nozzle diameter            | 0.8 mm - 1.7 mm |
| Material pressure          | 8 bar           |
| Material inlet             | G 1/4"          |
| Air inlet pressure range   | 8 bar           |
| Air XXX                    | 0.8 l/min       |
| Material temperature range | 50 °C           |
| Ambient temperature range  | 0 °C - 40 °C    |
| Length                     | 287 mm          |
| Width                      | 113 mm          |
| Height                     | 202 mm          |
| Weight                     | 4 kg            |

| Product variants            | Item no. |
|-----------------------------|----------|
| TF RobotBell 1 / Bell 1S VC | 2373517  |

### Processable materials

- Water and solvent based materials
- Pre mixed 2K materials
- Micro corrosion protection paints
- Sol-gel
- UV material

### Scope of delivery

The atomizer is supplied complete with air guide ring, bell plate, distributor and nozzle.

### Order information

Select the size of the bell plate including material, as well as the size of the nozzle and the number of material colors in the configurator.



# Accessories high-speed rotation atomizer

WAGNER offers you an extensive range of accessories for the high-speed rotation atomizer.  
Select your required components from the table.

|                               | TOPFINISH RobotBell 1 | TOPFINISH Bell 1S |         |
|-------------------------------|-----------------------|-------------------|---------|
| Bell cup                      |                       |                   |         |
| Bell cup Al D30 smooth cpl.   | ●                     | ●                 | 2372511 |
| Bell cup Al D30 straight cpl. | ●                     | ●                 | 2372512 |
| Bell cup Al D30 cross cpl.    | ●                     | ●                 | 2372513 |
| Bell cup Al D50 smooth cpl.   | ●                     | ●                 | 2372514 |
| Bell cup Al D50 straight cpl. | ●                     | ●                 | 2372515 |
| Bell cup Al D50 cross cpl.    | ●                     | ●                 | 2372516 |
| Bell cup Al D70 smooth cpl.   | ●                     | ●                 | 2372517 |
| Bell cup Al D70 straight cpl. | ●                     | ●                 | 2372520 |
| Bell cup Al D70 cross cpl.    | ●                     | ●                 | 2372519 |
| Bell cup Ti D30 smooth cpl.   | ●                     | ●                 | 2372521 |
| Bell cup Ti D30 straight cpl. | ●                     | ●                 | 2372522 |
| Bell cup Ti D30 cross cpl.    | ●                     | ●                 | 2372523 |
| Bell cup Ti D50 smooth cpl.   | ●                     | ●                 | 2372524 |
| Bell cup Ti D50 straight cpl. | ●                     | ●                 | 2372525 |
| Bell cup Ti D50 cross cpl.    | ●                     | ●                 | 2372527 |
| Bell cup Ti D70 smooth cpl.   | ●                     | ●                 | 2372528 |
| Bell cup Ti D70 straight cpl. | ●                     | ●                 | 2372529 |
| Bell cup Ti D70 cross cpl.    | ●                     | ●                 | 2372530 |
| Air guides                    |                       |                   |         |
| Air guide 30 cpl.             | ●                     | ●                 | 2372462 |
| Air guide 30 HVLP cpl.        | ●                     | ●                 | 2394136 |
| Air guide 50 cpl.             | ●                     | ●                 | 2372463 |
| Air guide 50 HVLP cpl.        | ●                     | ●                 | 2394137 |
| Air guide 70 cpl.             | ●                     | ●                 | 2372464 |
| Air guide 70 HVLP cpl.        | ●                     | ●                 | 2394138 |
| Nozzles                       |                       |                   |         |
| Nozzle 0.8 cpl.               | ●                     | ●                 | 2371466 |
| Nozzle 1.1 cpl.               | ●                     | ●                 | 2371467 |
| Nozzle 1.4 cpl.               | ●                     | ●                 | 2371468 |
| Nozzle 1.7 cpl.               | ●                     | ●                 | 2371469 |
| Distributor disc              |                       |                   |         |
| Distributor disc              | ●                     | ●                 | 2372246 |
| Valve discs                   |                       |                   |         |
| Valve disc 2 x colors         | ●                     | ●                 | 2391613 |
| Valve disc 4 x colors         | ●                     | ●                 | 2391617 |

|                                      | TOPFINISH RobotBell 1 | TOPFINISH Bell 1S |         |
|--------------------------------------|-----------------------|-------------------|---------|
| Mounting                             |                       |                   |         |
| RobotBell holder A                   | ●                     |                   | 2391680 |
| RobotBell holder B                   | ●                     |                   | 2391683 |
| TF RB holder for GA 1900 gun adapter | ●                     |                   | 2394082 |
| Holder TOPFINISH Bell 1S             |                       | ●                 | 2384350 |
| Gun adapter                          |                       |                   |         |
| Gun adapter TF RB 1 for GA 1900      | ●                     |                   | 2392156 |
| Gun adapter TF RB 1 for GA 1030      | ●                     |                   | 2411634 |
| Tools                                |                       |                   |         |
| Mounting tool 30 mm                  | ●                     | ●                 | 2384297 |
| Mounting tool 50 mm                  | ●                     | ●                 | 2384302 |
| Mounting tool 70 mm                  | ●                     | ●                 | 2384304 |
| Hook wrench                          | ●                     | ●                 | 2384305 |
| Press out pin for distributor disc   | ●                     | ●                 | 2385642 |
| Teach-peak                           | ●                     | ●                 | 2393703 |
| Hexagon socket                       | ●                     | ●                 | 2396538 |
| Control units                        |                       |                   |         |
| Control unit RBC 1E                  | ●                     | ●                 | 2373752 |
| RBC-1 E, +SHV                        | ●                     | ●                 | 2373753 |
| RBC-1 E, +SHV 1                      | ●                     | ●                 | 2373754 |
| RBC-1 E, +SHV2                       | ●                     | ●                 | 2386883 |
| Stand for control unit               | ●                     | ●                 | 3064115 |
| Interface cables                     |                       |                   |         |
| Cabel set / RBC -> HV for 2373753    | ●                     | ●                 | 2373613 |
| Cabel set / RBC -> HV1 for 2373754   | ●                     | ●                 | 2373614 |
| Fibre optic cable 9.9 m              | ●                     | ●                 | 2335584 |
| Fibre optic cable 15.0 m             | ●                     | ●                 | 387101  |
| Hoses / Hose packages                |                       |                   |         |
| L hose package RobotBell 10 m        | ●                     | ●                 | 2373986 |
| L hose package RobotBell 15 m        | ●                     | ●                 | 2373994 |
| M hose package RobotBell 10 m        | ●                     | ●                 | 2373997 |
| M hose package RobotBell 15 m        | ●                     | ●                 | 2373999 |



# AirCoat manual and automatic guns

WAGNER AirCoat combines airless and air atomizing spraying technologies. It not only delivers an excellent coating quality using significantly less spray pressure than airless and significantly less overspray than the airspray procedure, but is also a lot faster. WAGNER AirCoat manual and automatic guns offer not only ease of use, ergonomics, and low maintenance, but also precision and a long service life.



GM 4100AC



GM 4700AC



GM 4700AC-H



GA 4000AC

| Atomisation                             |               |               |               |               |  |
|---|---------------|---------------|---------------|---------------|--|
| Flat jet LV (low viscosity)             | ●             | ●             | ●             | ●             |  |
| Flat jet HV (high viscosity)            | ●             | ●             | ●             | ●             |  |
| Round spray                             | ●             | ●             | ●             | ●             |  |
| Processable material                    |               |               |               |               |  |
| Solvent-based material                  | ●             | ●             | ●             | ●             |  |
| Solvent-based - lightly conductive      | ●             | ●             | ●             | ●             |  |
| Solvent-based metallic paint            | ●             | ●             |               | ●             |  |
| Water-based material                    | ●             | ●             | ●             | ●             |  |
| Heated material up to 60 °C             |               |               |               | ●             |  |
| Heated material up to 80 °C             |               |               | ●             | ●             |  |
| Mounting                                |               |               |               |               |  |
| Manual gun                              | ●             | ●             | ●             |               |  |
| Adapter plate stainless steel           |               |               |               | ●             |  |
| Adapter plate aluminum (nickel-plated)  |               |               |               | ●             |  |
| Direct mounting (without adapter plate) |               |               |               |               |  |
| Nozzle system                           |               |               |               |               |  |
| Standard AirCoat nozzles                | ●             | ●             | ●             | ●             |  |
| Pre-atomizer AirCoat nozzles            | ●             | ●             | ●             | ●             |  |
| High precision nozzle S2                | ●             | ●             | ●             | ●             |  |
| Round spray nozzle                      | ●             | ●             | ●             | ●             |  |
| Nozzle sizes                            |               |               |               |               |  |
| Flat jet (10° - 80°) [inch]             | 0.007 - 0.023 | 0.007 - 0.023 | 0.007 - 0.023 | 0.007 - 0.023 |  |
| Flat jet (10° - 80°) [mm]               | 0.18 - 0.58   | 0.18 - 0.58   | 0.18 - 0.58   | 0.18 - 0.58   |  |
| Round spray [inch]                      | 0.011 - 0.056 | 0.011 - 0.056 | 0.011 - 0.056 | 0.011 - 0.056 |  |
| Round spray [mm]                        | 0.28 - 0.53   | 0.28 - 0.53   | 0.28 - 0.53   | 0.28 - 0.53   |  |
| Control unit                            |               |               |               |               |  |
| VM 500                                  |               |               |               |               |  |
| VM 5000                                 |               |               |               |               |  |
| EPG 5000                                |               |               |               |               |  |
| VM 5020W                                |               |               |               |               |  |
| VM 5020WA                               |               |               |               |               |  |
| AquaCoat (cabinets)                     |               |               |               |               |  |
| AquaCoat 5010                           |               |               |               |               |  |
| AquaCoat 5020                           |               |               |               |               |  |



GM 5000EAC



GA 5000EAC



GM 5000EACW



GA 5000EACW

|  | •             | •             | •             |
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|  | •             | •             | •             |
|  |               |               |               |
|  | 0.007 - 0.023 | 0.007 - 0.023 | 0.007 - 0.023 |
|  | 0.18 - 0.58   | 0.18 - 0.58   | 0.18 - 0.58   |
|  | 0.011 - 0.056 | 0.011 - 0.056 | 0.011 - 0.056 |
|  | 0.28 - 0.53   | 0.28 - 0.53   | 0.28 - 0.53   |
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# Overview electrostatic AirCoat

The range of electrostatic spray guns includes both manual and automatic guns for processing solvent and water-based paints. With the AquaCoat product family, WAGNER additionally offers a special ready-to-use system for the simple and safe application of water-based paints.

|           | Solvent-based   | Water-based  |
|-----------|---|--|
| Manual    |  <p>GM 5000EAC</p>  <p>VM 5000</p>  <p>VM 500</p> <p>High voltage cascade integrated in the spray gun</p> <p>Accessories for the application of higher conductive Material and metallics</p> |  <p>GM 5020EACW</p>  <p>AquaCoat 5010 manual<br/>AquaCoat 5020 manual<br/>Optional window<br/>with Controller VM 5020</p> <p>High voltage cascade integrated in the spray gun</p>   |
| Automatic |  <p>GA 5000EAC</p>  <p>EPG 5000</p> <p>High voltage cascade integrated in the spray gun</p> <p>Internal or external air control</p>   |  <p>GA 5000EACW</p>  <p>AquaCoat 5010 automatic<br/>AquaCoat 5020 automatic<br/>Optional window<br/>With Controller VM 5020A &amp; built-in cascade</p> <p>High voltage cascade in AquaCoat cabinet</p> <p>Internal or external air control</p> |



# GM 4100AC

## AirCoat manual gun



Light AirCoat manual gun with excellent ergonomics for smaller hands. With various nozzles and air caps for materials with low and highest viscosity.

| Technical data             |                 |
|----------------------------|-----------------|
| Nozzle diameter            | 0.007" – 0.023" |
| Material pressure          | 250 bar         |
| Material inlet             | NPSM 1/4" – M   |
| Air inlet pressure range   | 0 bar – 8 bar   |
| Compressed air connection  | M – G 1/4"      |
| Sound level                | 82 dB(A)        |
| Material temperature range | 55 °C           |
| Length                     | 173 mm          |
| Height                     | 206 mm          |
| Weight                     | 600 g           |

| Product variants         | Item no. |
|--------------------------|----------|
| GM 4100AC – 22000        | 2302514  |
| GM 4100AC – 21000        | 2302513  |
| GM 4100AC 25MPa NPSM1/4" | 394012   |

**Processable materials**  
Water and solvent-based material

**Material-wetted parts**  
Stainless steel  
Tungsten carbide  
POM  
PTFE  
PA

**Scope of delivery**  
Manual spray gun  
Retainer cap for max. material pressure 160/250 bar  
Edge filter 100 meshes

**Order information**  
Please always order the nozzle separately.  
Selectable with or without air cap.



# GM 4700AC

## AirCoat manual gun



Light AirCoat manual gun with excellent ergonomics for larger hands. With various nozzles and air caps for materials with low and highest viscosity.



| Technical data             |                 |
|----------------------------|-----------------|
| Nozzle diameter            | 0.007" – 0.023" |
| Material pressure          | 250 bar         |
| Material inlet             | NPSM 1/4" – M   |
| Air inlet pressure range   | 0 bar – 8 bar   |
| Compressed air connection  | M – G 1/4"      |
| Sound level                | 82 dB(A)        |
| Material temperature range | 80 °C           |
| Length                     | 173 mm          |
| Height                     | 216 mm          |
| Weight                     | 597 g           |

| Product variants           | Item no. |
|----------------------------|----------|
| GM 4700AC 25MPa NPSM1/4"   | 2313585  |
| GM 4700AC 25MPa-HV plus    | 2313587  |
| GM 470AC 25MPa-LA plus     | 2313588  |
| GM 4700AC 25MPa-LV plus    | 2313586  |
| GM 4700AC-H 35MPa NPSM1/4" | 2315700  |

### Processable materials

Water and solvent-based material

### Material-wetted parts

Stainless steel  
Tungsten carbide  
POM  
PTFE  
PA

### Scope of delivery

Manual spray gun  
Cage filter 100 meshes  
Swivel joint (paint)  
Retainer cap for max. material pressure 160/250 bar

### Order information

Please always order the nozzle separately.  
Selectable with or without air cap.





# GA 4000ACIC

## AirCoat automatic gun



AirCoat automatic gun with internal control for the installation in automated paint spraying systems. Various base plates allow numerous installation options. With or without circulation.

| Technical data             |                 |
|----------------------------|-----------------|
| Nozzle diameter            | 0.007" – 0.023" |
| Material pressure          | 250 bar         |
| Material inlet             | G 1/4" – F      |
| Air inlet pressure range   | 0 bar – 8 bar   |
| Compressed air connection  | 8 mm            |
| Sound level                | 82 dB(A)        |
| Material temperature range | 80 °C           |
| Ambient temperature range  | 5 °C – 40 °C    |
| Length                     | 129 mm          |
| Width                      | 47 mm           |
| Height                     | 60 mm           |
| Weight                     | 678 g           |

| Product variants              | Item no. |
|-------------------------------|----------|
| Packing insert GA 4000AC (RP) | 2338601  |
| Gun GA 4000ACIC               | 2312132  |
| Gun GA 4000ACIC (RP)          | 2338603  |
| Set GA 4000ACIC OEM 1 – LV    | 2328596  |
| Set GA 4000ACIC OEM 2 – HV    | 2328597  |
| Set GA 4000ACIC OEM 3 – LV    | 2364644  |
| Set GA 4000ACIC OEM 4 – HV    | 2364645  |
| Set GA 4000ACIC-R             | 2313559  |
| Set GA 4000ACIC-S             | 2313558  |

### Processable materials

Water and solvent-based material  
UV material

### Material-wetted parts

Stainless steel  
Tungsten carbide  
POM  
PTFE  
UHMW-PE  
PA

### Scope of delivery

Automatic spray gun

### Order information

Please order air cap, nozzle and base plate separately.  
Take material and air connections into account.  
Variant (RP) with package insert for opening.  
Diverse selection of accessories for assembly and system integration.



# GA 4000ACEC

## AirCoat automatic gun



AirCoat automatic gun with external control for the installation in automated paint spraying systems. Various base plates allow numerous installation options. With or without circulation.



| Technical data             |                 |
|----------------------------|-----------------|
| Nozzle diameter            | 0.007" – 0.023" |
| Material pressure          | 250 bar         |
| Material inlet             | G 1/4" – F      |
| Air inlet pressure range   | 0 bar – 8 bar   |
| Compressed air connection  | 8 mm            |
| Sound level                | 82 dB(A)        |
| Material temperature range | 80 °C           |
| Ambient temperature range  | 5 °C – 40 °C    |
| Length                     | 115 mm          |
| Width                      | 47 mm           |
| Height                     | 60 mm           |
| Weight                     | 637 g           |

| Product variants                   | Item no. |
|------------------------------------|----------|
| Base plate GA 4000ACEC-Fanuc Robot | 2313677  |
| Base plate GA 4000ACEC-R           | 2308812  |
| Base plate GA 4000ACEC side con.   | 2312146  |
| Gun GA 4000ACEC                    | 2312145  |
| Gun GA 4000ACEC (RP)               | 2338602  |
| Set GA 4000ACEC-R                  | 2313560  |

### Processable materials

Water and solvent-based material  
UV material

### Material-wetted parts

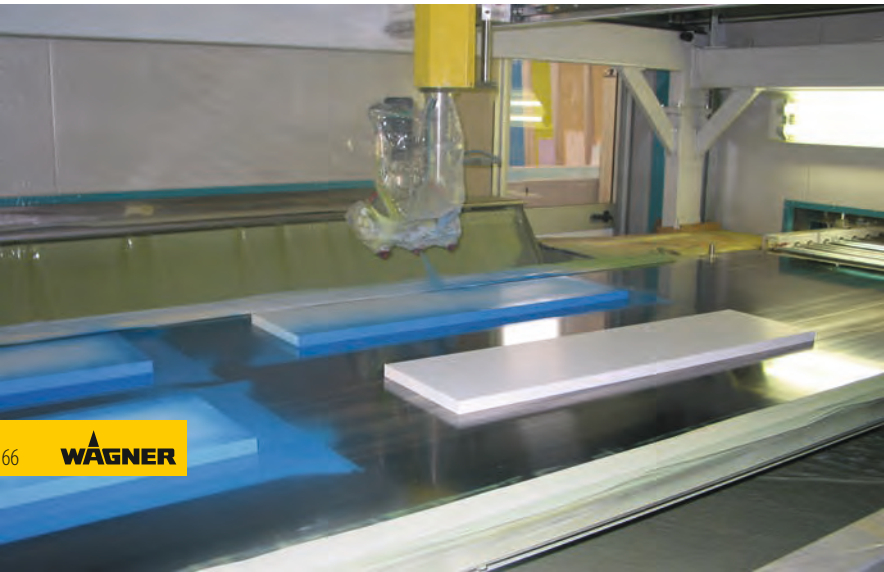
Stainless steel  
Tungsten carbide  
POM  
PTFE  
UHMW-PE  
PA

### Scope of delivery

Operating manual  
CE declaration of conformity  
GA 4000AC






### Order information

Please order air cap, nozzle and base plate separately.  
Take material and air connections into account.  
Variant (RP) with package insert for opening.  
Diverse selection of accessories for assembly and system integration.



# Accessories AirCoat guns

WAGNER offers you an extensive range of accessories for AirCoat guns.  
Select your required components from the table.

|   | GM 4100AC                            | GM 4700AC | GM 4700AC-H | GA 4000ACIC | GA 4000ACEC |         |
|---|--------------------------------------|-----------|-------------|-------------|-------------|---------|
| Filter inserts  |                                      |           |             |             |             |         |
|    | Edge filter 60 mesh                  | ●         |             |             |             | 3204604 |
|   | Edge filter 100 mesh                 | ●         |             |             |             | 3204605 |
|   | Edge filter 200 mesh                 | ●         |             |             |             | 9999002 |
|   | Cage filter -200MA-red -10 pcs.      |           | ●           | ●           |             | 2315723 |
|   | Cage filter -150MA-blue -10 pcs.     |           | ●           | ●           |             | 2315724 |
|   | Cage filter -100MA-yellow -10 pcs.   |           | ●           | ●           |             | 2315725 |
|   | Cage filter -50MA-white -10 pcs.     |           | ●           | ●           |             | 2315726 |
|   | Cage filter -30MA-green-10 pcs.      |           | ●           | ●           |             | 2365429 |
| Nozzles - flat jet  |                                      |           |             |             |             |         |
|  | Nozzle ACF3000 (see nozzle chart)    | ●         | ●           | ●           | ●           | 379xxx  |
|   | ACF 3000 plus (see nozzle chart)     | ●         | ●           | ●           | ●           | 321xxx  |
|   | ACF 3000 S2 (P4) (see nozzle chart)  |           |             |             | ●           | xxx     |
| Air caps - flat jet   |                                      |           |             |             |             |         |
|  | Air cap HV plus (blue / GM 4x00AC)   | ●         | ●           | ●           |             | 2313497 |
|   | Air cap LV plus (red / GM 4x00AC)    | ●         | ●           | ●           |             | 2313494 |
|   | Air cap LA plus (bronze / GM 4x00AC) | ●         | ●           | ●           |             | 2313498 |
|   | Air cap HV plus (blue / GA 4000AC)   |           |             |             | ●           | 2308809 |
|   | Air cap LV plus (red / GA4000AC)     |           |             |             | ●           | 2308808 |
|   | Air cap LA plus (bronze / GA 4000AC) |           |             |             | ●           | 2313493 |
| Nozzles - round jet   |                                      |           |             |             |             |         |
|  | Nozzle insert R11                    | ●         | ●           | ●           | ●           | 132720  |
|   | Nozzle insert R12                    | ●         | ●           | ●           | ●           | 132721  |
|   | Nozzle insert R13                    | ●         | ●           | ●           | ●           | 132722  |
|   | Nozzle insert R14                    | ●         | ●           | ●           | ●           | 132723  |
|   | Nozzle insert R15                    | ●         | ●           | ●           | ●           | 132724  |
|   | Nozzle insert R16                    | ●         | ●           | ●           | ●           | 132725  |
|   | Nozzle insert R17                    | ●         | ●           | ●           | ●           | 132726  |
|   | Nozzle insert R18                    | ●         | ●           | ●           | ●           | 132727  |
|   | Nozzle insert R19                    | ●         | ●           | ●           | ●           | 132728  |
|   | Nozzle insert R20                    | ●         | ●           | ●           | ●           | 132729  |
|   | Nozzle insert R21                    | ●         | ●           | ●           | ●           | 132730  |
|   | Nozzle insert R22                    | ●         | ●           | ●           | ●           | 132731  |
| Air caps - round jet  |                                      |           |             |             |             |         |
|  | Round spray nozzle extension         | ●         | ●           | ●           | ●           | 394180  |

# Accessories AirCoat guns

WAGNER offers you an extensive range of accessories for AirCoat guns.  
Select your required components from the table.

|   | GM 4100AC                              | GM 4700AC | GM 4700AC-H | GA 4000ACIC | GA 4000ACEC |         |
|---|--|-----------|-------------|-------------|-------------|---------|
| Nozzle extension  |  |           |             |             |             |         |
|     | ●                                      | ●         | ●           | ●           | ●           | 394090  |
|   | ●                                      | ●         | ●           | ●           | ●           | 394091  |
| Gun flush box   |  |           |             |             |             |         |
|   | ●                                      |           |             |             |             | 2308814 |
|   |  | ●         | ●           |             |             | 377174  |
| Hose packages AirCoat   |  |           |             |             |             |         |
|   | AC-hose-DN4-PN270-1/4"NPS-7.5m-PA-T    | ●         | ●           | ●           |             | 2309706 |
|   | AC-hose-DN4-PN270-1/4"NPS-15.0m-PA-T   | ●         | ●           | ●           |             | 2309634 |
|   | AC-hose-DN4-PN270-1/4"NPS-20.0m-PA-T   | ●         | ●           | ●           |             | 2309635 |
|   | AC-hose-DN3-PN270-1/4"NPS-7.5m-PA-T    | ●         | ●           | ●           |             | 2309705 |
|   | AC-hose-DN4-PN270-1/4"NPS-10.0m-PA-T   | ●         | ●           | ●           |             | 2312801 |
|   | Fitting-EF-MM-R1/4-G1/4-530bar-SSt     |           |             | ●           | ●           | 2331202 |
|   | Fitting-DF-MM-G1/4-G1/4-530bar-SSt     |           |             | ●           | ●           | 350550  |
| Material hose for electrostatic with water-based paints                             |  |           |             |             |             |         |
|   | Hose-DN4-PN250-G1/4"-1.3m-FEP          |           |             | ●           | ●           | 2359881 |
|   | Hose-DN4-PN250-G1/4"-8.0m-FEP          |           |             | ●           | ●           | 2366740 |
|   | Hose-DN4-PN250-G1/4"-6.0m-FEP          |           |             | ●           | ●           | 2366738 |
|   | Hose-DN4-PN250-G1/4"-1.5m-FEP          |           |             | ●           | ●           | 2366737 |
| Locking pin circulation   |  |           |             |             |             |         |
|  | Locking pin material channel EPDM cpl. |           |             | ●           | ●           | 2310534 |
|   | Locking pin material channel FKM cpl.  |           |             | ●           | ●           | 2314064 |
| Swivel joint  |  |           |             |             |             |         |
|  | Fitting SJM-GM4100AC-1/4"NPS           | ●         |             |             |             | 394926  |
|   | Swivel joint air                       | ●         |             |             |             | 364938  |
|   | Set swivel joint - GM 4100AC           | ●         |             |             |             | 394931  |
| Assembly accessories  |  |           |             |             |             |         |
|  | Holder standard 180                    |           |             | ●           | ●           | 380941  |
|   | Holder turnable                        |           |             | ●           | ●           | 380942  |
|   | Part-turn actuator cpl.                |           |             | ●           | ●           | 380943  |
|   | Adapter plate Cefla                    |           |             | ●           | ●           | 2314079 |
|   | Roboter adapter plate Fanuc to ABB D63 |           |             |             | ●           | 383980  |
| Service sets  |  |           |             |             |             |         |
|  | Packing set GA 4000ACIC (EPDM)         |           |             | ●           |             | 2322532 |
|   | Packing set GA 4000ACEC (EPDM)         |           |             |             | ●           | 2322533 |

# AirCoat nozzles

To determine the article number of a nozzle, please select the number from the chart and replace the xxx. Example: To order a 411 nozzle use the article no.: 379411

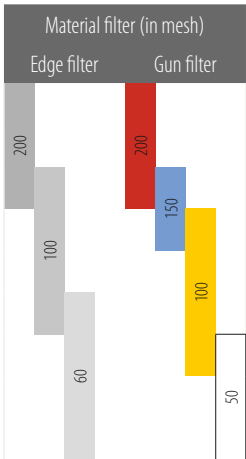
Nozzle chart | ACF 3000

## Part No. 379xxx



| Size | Spray angle |     |     |     |     |     |     |
|------|-------------|-----|-----|-----|-----|-----|-----|
|      | 10°         | 20° | 30° | 40° | 50° | 60° | 80° |
| 07   | 107         | 207 |     | 407 |     |     |     |
| 09   |             | 209 | 309 | 409 | 509 | 609 |     |
| 11   | 111         | 211 | 311 | 411 | 511 | 611 | 811 |
| 13   | 113         | 213 | 313 | 413 | 513 | 613 | 813 |
| 15   | 115         | 215 | 315 | 415 | 515 | 615 | 815 |
| 17   |             | 217 | 317 | 417 | 517 | 617 | 817 |
| 19   |             | 219 | 319 | 419 | 519 | 619 | 819 |
| 21   |             | 221 |     | 421 | 521 | 621 | 821 |
| 23   |             |     |     | 423 |     | 623 | 823 |

|                                 |               |               |               |               |                |                |
|---------------------------------|---------------|---------------|---------------|---------------|----------------|----------------|
| 55<br>(2.17)                    | 100<br>(3.94) | 145<br>(5.71) | 195<br>(7.68) | 250<br>(9.84) | 300<br>(11.81) | 400<br>(15.75) |
| Average spray width mm (inch)** |               |               |               |               |                |                |



| Bore<br>inch (mm) | Material flow*<br>l/min (gal/min) |
|-------------------|-----------------------------------|
| 0.007 (0.18)      | 0.23 (0.061)                      |
| 0.009 (0.23)      | 0.26 (0.069)                      |
| 0.011 (0.28)      | 0.38 (0.100)                      |
| 0.013 (0.33)      | 0.55 (0.145)                      |
| 0.015 (0.38)      | 0.75 (0.198)                      |
| 0.017 (0.43)      | 0.96 (0.254)                      |
| 0.019 (0.48)      | 1.20 (0.317)                      |
| 0.021 (0.53)      | 1.45 (0.383)                      |
| 0.023 (0.58)      | 1.79 (0.473)                      |

\* Measured with water at 100 bar  
\*\* Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance.  
lacquer 56DIN-4s



# AirCoat nozzles

To determine the article number of a nozzle, please select the number from the chart and replace the xxx. Example: To order a 410 nozzle use the article no.: 321410

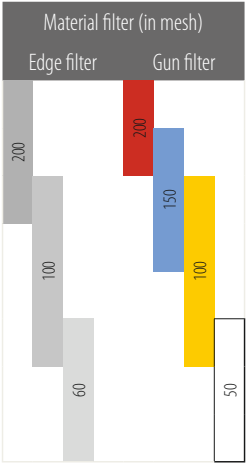
Nozzle chart | ACF 3000 plus

Part No. 321xxx



| Size | Spray angle |     |     |     |     |
|------|-------------|-----|-----|-----|-----|
|      | 20°         | 30° | 40° | 50° | 60° |
| 08   | 208         | 308 | 408 | 508 |     |
| 10   | 210         | 310 | 410 | 510 | 610 |
| 12   | 212         | 312 | 412 | 512 | 612 |
| 14   | 214         | 314 | 414 | 514 | 614 |
| 16   | 216         | 316 | 416 | 516 | 616 |
| 18   | 218         | 318 | 418 | 518 | 618 |
| 20   |             | 320 | 420 |     | 620 |
| 22   |             |     | 422 |     | 622 |

|                                 |        |        |        |         |
|---------------------------------|--------|--------|--------|---------|
| 100                             | 145    | 195    | 250    | 300     |
| (3.94)                          | (5.71) | (7.68) | (9.84) | (11.81) |
| Average spray width mm (inch)** |        |        |        |         |



| Bore         | Material flow*  |
|--------------|-----------------|
| inch (mm)    | l/min (gal/min) |
| 0.008 (0.20) | 0.22 (0.058)    |
| 0.010 (0.25) | 0.32 (0.084)    |
| 0.012 (0.30) | 0.44 (0.116)    |
| 0.014 (0.36) | 0.60 (0.159)    |
| 0.016 (0.41) | 0.76 (0.201)    |
| 0.018 (0.46) | 0.92 (0.244)    |
| 0.020 (0.51) | 0.11 (0.030)    |
| 0.022 (0.56) | 0.14 (0.036)    |

\* Measured with water at 100 bar  
\*\* Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance.  
lacquer 56DIN-4s

Nozzle chart | ACF 3000 S2



| Size   | Spray angle  |               |               |               |               |                |                |
|--|--------------|---------------|---------------|---------------|---------------|----------------|----------------|
|  | 10°          | 20°           | 30°           | 40°           | 50°           | 60°            | 80°            |
| 07   | 2405883      | 2405884       |               | 2405885       |               |                |                |
| 09   |              | 2403030       | 2404248       | 2391811       | 2404249       | 2405886        |                |
| 11   | 2391809      | 2368877       | 2396188       | 2368879       | 2404250       | 2368896        | 2368876        |
| 13   | 2405887      | 2403031       | 2405888       | 2368880       | 2405890       | 2368897        | 2368898        |
| 15   | 2405891      | 2403032       | 2405892       | 2405893       | 2405894       | 2368899        | 2405895        |
| 17   |              | 2405896       | 2405897       | 2405898       | 2405899       | 2401732        | 2396189        |
| 19   |              | 2405900       | 2405901       | 2405902       | 2405903       | 2405904        | 2405905        |
| Average spray width mm (inch) at 30 cm (11.81 inch) distance |              |               |               |               |               |                |                |
|  | 55<br>(2.17) | 100<br>(3.94) | 145<br>(5.71) | 195<br>(7.68) | 250<br>(9.84) | 300<br>(11.81) | 400<br>(15.75) |

# GM 5000EAC

## AirCoat electrostatic manual gun



Electrostatic manual gun for AirCoat applications with low-conductive solvent-based lacquers. With integrated high-voltage cascade. Additionally required: Control unit VM 500 or VM 5000.



| Technical data             |                        |
|----------------------------|------------------------|
| Output voltage             | 80 kV                  |
| Output current             | 100 µA                 |
| Material conductivity      | 18.5 MΩ.cm - 123 MΩ.cm |
| Material conductivity LowR | 6.2 MΩ.cm - 123 MΩ.cm  |
| Material pressure          | 0 bar - 250 bar        |
| Material inlet             | NPS 1/4" - M           |
| Air inlet pressure range   | 0 bar - 8 bar          |
| Compressed air connection  | M - G 1/4"             |
| Sound level                | 73 dB(A)               |
| Material temperature range | 50 °C                  |
| Length                     | 264 mm                 |
| Height                     | 264 mm                 |
| Weight                     | 710 g                  |

| Product variants | Item no. |
|------------------|----------|
| GM 5000EAC       | 2309871  |
| GM 5000EAC - FM  | 2344473  |
| GM 5000EAC d1.5  | 2363669  |

### Processable materials

Weakly conductive, solvent-based paints, primers and separating agents (1K and 2K)

### Scope of delivery

- Operating manual
- Declaration of conformity
- Gun protection

### Order information

Consider conductivity.  
In addition to individual guns, ready-to-spray sets can be composed, consisting of gun, nozzle, material hose pack and control unit.  
Comprehensive accessories range.



# GA 5000EAC

Automatic airspray electrostatic gun for solvent-based material



Electrostatic automatic gun for high-pressure applications, internal or external control of shaping and atomisation air. For solvent-based paints.

| Technical data             |                        |
|----------------------------|------------------------|
| Output voltage             | 80 kV                  |
| Output current             | 100 µA                 |
| Material conductivity      | 18.5 MΩ.cm - 123 MΩ.cm |
| Material conductivity LowR | 6.2 MΩ.cm - 123 MΩ.cm  |
| Material pressure          | 0 - 250 bar            |
| Material inlet             | NPSM 1/4" - M          |
| Air inlet pressure range   | 0 - 8 bar              |
| Sound level                | 76 dB(A)               |
| Material temperature range | 50 °C                  |
| Length                     | 290 mm                 |
| Width                      | 74 mm                  |
| Height                     | 135 mm                 |
| Weight                     | 1,200 g                |

| Product variants | Item no. |
|------------------|----------|
| GA5000 EAC EC    | 2360899  |
| GA5000 EAC IC    | 2360898  |

**Processable materials**

- 1K high solid primers
- 1K high solid paints
- 1K solvent-based primers
- 1K solvent-based paints
- 2K solvent-based primers
- Solvent-based paints (2K, 3K and 4K)
- Solvent-based separating agents

**Scope of delivery**

GA 5000EAC internal or external control

**Order information**

- Determine which additional accessories are required, e.g. hoses, cables, etc.
- Determine the required nozzle size.
- Select the type of nozzle system (round or flat spray).



# VM 500

## Control unit for GM 5000



Control unit to drive the electrostatic manual guns GM 5000 and GM5000 EAC. 80 kV with monitoring function and safety cut-off.



| Technical data        |                            |
|-----------------------|----------------------------|
| Input voltage         | 115 – 230 V                |
| Gun voltage           | 80 kV                      |
| Gun spray current     | 100 µA                     |
| Input power           | 40 W                       |
| Input frequency       | 50 – 60 Hz                 |
| Protection class      | IP 54                      |
| Operating temperature | 5 – 40 °C, 41.0 – 104.0 °F |
| Weight                | 2,3 kg, 5.1 lb             |
| Length                | 230,0 mm, 9.1 in.          |
| Width                 | 180 mm, 7.1 in.            |
| Height                | 120 mm, 4.7 in.            |

| Product variants      | Item no. |
|-----------------------|----------|
| Controler VM 500      | 2310478  |
| Controler VM 500 - FM | 2344479  |

**Scope of delivery**  
Grounding cable complete 10 m, 33 ft  
Power cord 3 m

**Order information**  
Control unit for GM 5000EA/EAC

# VM 5000

## Control unit for GM 5000



Control unit to drive the electrostatic manual gun GM 5000EAC. Adjustable high-voltage, recipe changes, safety monitoring and many other features.

| Technical data        |                            |
|-----------------------|----------------------------|
| Input voltage         | 115 – 230 V                |
| Gun voltage           | 80 kV                      |
| Gun spray current     | 100 µA                     |
| Input power           | 40 W                       |
| Input frequency       | 50 – 60 Hz                 |
| Protection class      | IP 54                      |
| Operating temperature | 5 – 40 °C, 41.0 – 104.0 °F |
| Weight                | 2.3 kg, 5.1 lb             |
| Length                | 250.0 mm, 9.8 in.          |
| Width                 | 180 mm, 7.1 in.            |
| Height                | 120 mm, 4.7 in.            |

| Product variants       | Item no. |
|------------------------|----------|
| Controler VM 5000      | 2310477  |
| Controler VM 5000 - FM | 2344480  |

### Scope of delivery

Grounding cable complete 10 m, 33 ft  
Power cord 3 m

### Order information

Control unit for GM 5000EA/EAC



# EPG 5000

## Control unit for GA 5000



EPG 5000 controls automatic electrostatic automatic gun  
GA 5000EAC for the application of solvent-based lacquers.



| Technical data        |  |
|-----------------------|--|
| Input voltage         | 115 – 250 V                                |
| Gun voltage           | 80 kV                                      |
| Input current         | 0.5 A                                      |
| Gun spray current     | 100 µA                                     |
| Input power           | 40 W                                       |
| Protection class      | IP 40                                      |
| Air inlet pressure    | 0.4 – 0.8 MPa, 4,0 – 8,0 bar, 58 – 116 PSI |
| Max. number of guns   | 1  |
| Operating temperature | 0 – 40 °C, 32.0 – 104.0 °F                 |
| Weight                | 6.7 kg, 14.8 lb                            |
| Width                 | 370 mm, 14.6 in.                           |
| Height                | 136 mm, 5.4 in.                            |
| Depth                 | 295 mm, 11.6 in.                           |

| Product variants      | Item no. |
|-----------------------|----------|
| Control unit EPG 5000 | 2359918  |

Scope of delivery


- EPG 3000
- Grounding cable complete 10 m, 33 ft
- Power cord 3 m

Order information

Control unit for GA 5000EA/EAC






# Accessories electrostatic AirCoat guns

WAGNER offers you an extensive range of accessories for electrostatic AirCoat guns.  
Select your required components from the table.

|   | GM 5000EAC                                 | GM 5000EAC FM | GA 5000EAC |         |
|---|--|---------------|------------|---------|
|    | <b>Mounting</b>                            |               |            |         |
|   | Wall mounting GM 5000E (left/right)        | •             | •          | 2326485 |
|   | <b>Filter insert</b>                       |               |            |         |
|   | Edge filter 60 mesh                        | •             | •          | 3204604 |
|   | Edge filter 100 mesh                       | •             | •          | 3204605 |
|   | Edge filter 200 mesh                       | •             | •          | 9999002 |
|  | <b>Nozzles - flat jet</b>                  |               |            |         |
|   | ACF 5000 (see nozzle chart)                | •             | •          | 395xxx  |
|  | <b>Air caps - flat jet</b>                 |               |            |         |
|   | Air cap ACF 5000 - LV (red)                | •             | •          | 2309882 |
|   | Air cap ACF 5000 - HV (blue)               | •             | •          | 2314203 |
|  | <b>Nozzles - round jet</b>                 |               |            |         |
|   | Nozzle insert R11                          | •             | •          | 132720  |
|   | Nozzle insert R12                          | •             | •          | 132721  |
|   | Nozzle insert R13                          | •             | •          | 132722  |
|   | Nozzle insert R14                          | •             | •          | 132723  |
|   | Nozzle insert R15                          | •             | •          | 132724  |
|   | Nozzle insert R16                          | •             | •          | 132725  |
|   | Nozzle insert R17                          | •             | •          | 132726  |
|   | Nozzle insert R18                          | •             | •          | 132727  |
|   | Nozzle insert R19                          | •             | •          | 132728  |
|   | Nozzle insert R20                          | •             | •          | 132729  |
|   | Nozzle insert R21                          | •             | •          | 132730  |
|   | Nozzle insert R22                          | •             | •          | 132731  |
|  | <b>Air caps - round jet</b>                |               |            |         |
|   | Round jet nozzle adapter ACR 5000          | •             | •          | 2309883 |
|   | Round jet nozzle adapter ACR 5000 (USA)    |               | •          | 2354486 |
|  | <b>Gun flush box</b>                       |               |            |         |
|   | Gun flush box for GM 5000 EA/EAC round jet | •             | •          | 2327973 |
|   | Gun flush box for GM 5000 EAC flat jet     | •             | •          | 2327965 |
|  | <b>Control units</b>                       |               |            |         |
|   | Control unit VM 500                        | •             |            | 2310478 |
|   | Control unit VM 5000                       | •             | •          | 2310477 |
|   | Control unit VM 500 (USA)                  |               | •          | 2344479 |
|   | Control unit VM 5000 (USA)                 |               | •          | 2344480 |
|   | Control unit EPG 5000                      |               | •          | 2359918 |

# Accessories electrostatic AirCoat guns

WAGNER offers you an extensive range of accessories for electrostatic AirCoat guns.  
Select your required components from the table.

|   | GM 5000EAC | GM 5000EAC FM | GA 5000EAC |            |
|---|------------|---------------|------------|------------|
|  <b>Hose packages AirCoat</b>            |            |               |            |            |
| Hose package GM 5000EAC (7.5 m)   | ●          | ●             |            | 2339171    |
| Hose package GM 5000EAC (10 m)  | ●          | ●             |            | 2339172    |
| Hose package GM 5000EAC (15 m)  | ●          | ●             |            | 2339173    |
| Hose package GM 5000EAC (20 m)  | ●          | ●             |            | 2339174    |
| Hose package GM 5000EAC (7.5 m), Low R  | ●          | ●             |            | 2339179    |
| Hose package GM 5000EAC (10 m), Low R   | ●          | ●             |            | 2339180    |
| Hose package GM 5000EAC (15 m), Low R   | ●          | ●             |            | 2339181    |
| Hose package GM 5000EAC (20 m), Low R   | ●          | ●             |            | 2339182    |
| Material hose GA EAC (7.5 m) LowR   |            |               | ●          | 2367212    |
| Material hose GA EAC (10 m) LowR  |            |               | ●          | 2367213    |
| Material hose GA EAC (15 m) LowR  |            |               | ●          | 2367214    |
| Material hose GA EAC (20 m) LowR  |            |               | ●          | 2367215    |
|  <b>Material hose airless</b>           |            |               |            |            |
| HP-hose-DN4-PN270-¼"NPS-7.5 m-PA  |            |               | ●          | 9984573    |
| HP-hose-DN4-PN270-¼"NPS-10.0 m-PA   |            |               | ●          | 2302374    |
| HP-hose-DN4-PN270-¼"NPS-15.0 m-PA   |            |               | ●          | 9984573-15 |
| HP-hose-DN4-PN270-¼"NPS-20.0 m-PA   |            |               | ●          | 9984573-20 |
|  <b>Assembly accessories</b>           |            |               |            |            |
| Holder standard 180   |            |               | ●          | 380941     |
| Holder turnable   |            |               | ●          | 380942     |
| Holder turnable 40/40/5   |            |               | ●          | 380945     |
| Part turn actuator cpl.   |            |               | ●          | 380943     |
| Adapter plate Cefla   |            |               | ●          | 2314079    |
| <b>Accessories metallic application</b>   |            |               |            |            |
| Set material hose AC 1.5 mm cpl.  | ●          | ●             |            | 2352607    |
| Set material hose GA EAC 1.5 mm   |            |               | ●          | 2367217    |
|  <b>Extension &amp; control cables</b> |            |               |            |            |
| Gun cable GM 5000E 25 m   |            |               | ●          | 2339160    |
| Gun cable GM 5000E 32 m   |            |               | ●          | 2344995    |
| Gun cable GM 5000E 62 m   |            |               | ●          | 2344996    |
|  <b>Other accessories</b>              |            |               |            |            |
| Retrofit PSV to GM 5000EA/EAC round jet   | ●          | ●             |            | 2328626    |
| Paint resistivity meter RS 500  | ●          | ●             |            | 2326041    |
| H.V.testers HV200 N   | ●          | ●             |            | 259010     |
| Gun cover   | ●          | ●             |            | 2319653    |
| Retrofit kit PSV to GM 5000EAC flat jet   | ●          | ●             |            | 2328624    |

# Accessories control units

WAGNER offers you an extensive range of accessories for control units.  
Select your required components from the table.

|                               | VM 500 | VM 500 FM | VM 5000 | VM 5000 FM | EPG 5000 |         |
|-------------------------------|--------|-----------|---------|------------|----------|---------|
| Mounting                      |        |           |         |            |          |         |
| Holder control unit cpl.      | ●      | ●         | ●       | ●          |          | 2327509 |
| Rack mounting cpl.            |        |           |         |            | ●        | 2369616 |
| Wall mounting cpl.            |        |           |         |            | ●        | 2369636 |
| Extension & control cables    |        |           |         |            |          |         |
| Mains cable Europe (Schuko)   | ●      |           | ●       |            |          | 241270  |
| Mains cable CH                | ●      |           | ●       |            |          | 241271  |
| Mains cable USA               | ●      | ●         | ●       | ●          |          | 264626  |
| Mains cable Japan             | ●      |           | ●       |            |          | 264625  |
| Earthing cable 10 m           | ●      | ●         | ●       | ●          |          | 130215  |
| Earthing cable cpl. 3 m       | ●      | ●         | ●       | ●          |          | 236219  |
| Interface cable VM 5000       |        |           | ●       | ●          | ●        | 2317600 |
| Interface cable EPG 5000 5 m  |        |           |         |            | ●        | 360393  |
| Interface cable EPG 5000 15 m |        |           |         |            | ●        | 360391  |



# AirCoat electrostatic nozzles

To determine the article number of a nozzle, please select the number from the chart and replace the xxx. Example: To order a 411 nozzle use the article no.: 395411

Nozzle chart | ACF 5000

Part No. 395xxx



| Size                            | Spray angle  |               |               |               |               |                |                | Material filter (in mesh) |              | Bore         | Material flow*  |
|---------------------------------|--------------|---------------|---------------|---------------|---------------|----------------|----------------|---------------------------|--------------|--------------|-----------------|
|                                 | 10°          | 20°           | 30°           | 40°           | 50°           | 60°            | 80°            | Edge filter               | Gun filter   | inch (mm)    | l/min (gal/min) |
| 07                              | 107          | 207           |               | 407           |               |                |                |                           |              | 0.007 (0.18) | 0.23 (0.061)    |
| 09                              | 109          | 209           | 309           | 409           | 509           | 609            |                |                           | 0.009 (0.23) | 0.26 (0.069) |                 |
| 11                              | 111          | 211           | 311           | 411           | 511           | 611            | 811            |                           | 0.011 (0.28) | 0.38 (0.100) |                 |
| 13                              | 113          | 213           | 313           | 413           | 513           | 613            | 813            |                           | 0.013 (0.33) | 0.55 (0.145) |                 |
| 15                              | 115          | 215           | 315           | 415           | 515           | 615            | 815            |                           | 0.015 (0.38) | 0.75 (0.198) |                 |
| 17                              |              | 217           | 317           | 417           | 517           | 617            | 817            |                           | 0.017 (0.43) | 0.96 (0.254) |                 |
| 19                              |              | 219           | 319           | 419           | 519           | 619            | 819            |                           | 0.019 (0.48) | 1.20 (0.317) |                 |
| 21                              |              | 221           |               | 421           | 521           | 621            | 821            |                           | 0.021 (0.53) | 1.45 (0.383) |                 |
| 23                              |              |               |               | 423           |               | 623            | 823            | 0.023 (0.58)              | 1.79 (0.473) |              |                 |
|                                 |              |               |               |               |               |                |                |                           |              |              |                 |
|                                 | 55<br>(2.17) | 100<br>(3.94) | 145<br>(5.71) | 195<br>(7.68) | 250<br>(9.84) | 300<br>(11.81) | 400<br>(15.75) |                           |              |              |                 |
| Average spray width mm (inch)** |              |               |               |               |               |                |                |                           |              |              |                 |

\* Measured with water at 100 bar

\*\* Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance.  
lacquer 56DIN-4s





# GM 5020EACW

## Electrostatic AirCoat manual gun for water-based paints



Electrostatic manual gun for AirCoat applications with separating agents and water-based lacquers, including internal charging with integrated high-voltage cascade.



| Technical data             |               |
|----------------------------|---------------|
| Output voltage max.        | 70 kV         |
| Output current max.        | 100 µA        |
| Material pressure          | 250 bar       |
| Material inlet             | Special       |
| Air inlet pressure range   | 0 bar - 8 bar |
| Compressed air connection  | G 1/4"        |
| Material temperature range | 60 °C         |
| Length                     | 261 mm        |
| Height                     | 245 mm        |

| Product variants | Item no. |
|------------------|----------|
| GM 5020EACW      | 2362841  |

### Processable materials

- 1K water-based primers
- 1K water-based paints
- 2K water-based primers
- Water-based paints (2K, 3K and 4K)
- Separating agents

### Scope of delivery

- Operating manual
- GM 5020EACW (with cascade, without nozzle and air cap)
- Declaration of conformity
- Gun protection

### Order information

- Determine which additional accessories are required, e.g. hoses, cables, etc.
- Determine the required nozzle size.
- Select the type of nozzle system (round or flat spray).





# GA 5000EACW

## Automatic AirCoat electrostatic gun for water-based paints



Electrostatic automatic gun for low-pressure applications, internal or external control of shaping and atomisation air. For water-based paints.

| Technical data             |                   |
|----------------------------|-------------------|
| Output voltage max.        | 70 kV             |
| Output current max.        | 100 µA            |
| Material conductivity      | 1 kΩ.cm – 1 MΩ.cm |
| Material pressure          | 250 bar           |
| Material inlet             | G 1/4" – M        |
| Air inlet pressure range   | 8 bar             |
| Sound level                | 73 dB(A)          |
| Material temperature range | 50 °C             |
| Length                     | 290 mm            |
| Width                      | 75 mm             |
| Height                     | 125 mm            |
| Weight                     | 1,000 g           |

| Product variants | Item no. |
|------------------|----------|
| GA5000 EACW EC   | 2366353  |
| GA5000 EACW IC   | 2366352  |

### Processable materials

- 1K water-based primers
- 1K water-based paints
- Water-based separating agents

### Scope of delivery

GA 5000EACW internal or external control

### Order information

- Determine which additional accessories are required, e.g. hoses, cables, etc.
- Determine the required nozzle size.
- Select the type of nozzle system (round or flat spray).

# AquaCoat 5010 & 5020

## Manual

### Manual electrostatic - water-based lacquers

Slim cabinet for the electrostatic processing of water-based lacquers and separating agents with manual guns. Completely insulated construction with internal charging of the materials for manual spraying applications, airspray and AirCoat. Basic spray sets including cabinet and control unit, pump set and guns can also be customized.



| Technical data                                |  |
|---|--|
| Output voltage                                | 70,0 kV                                  |
| Output current                                | 100 µA                                   |
| Total capacity (slim version / large version) | 30 l, 7,93 gal(US) / 60 l, 15,85 gal(US) |
| Length  | 560,0 mm, 22.0 in.                       |
| Width (slim version / large version)          | 800 mm, 31.5 in. / 1000 mm, 39.4 in.     |
| Height  | 1470 mm, 57.9 in.                        |

| Product variants                         | Item no. |
|--|----------|
| AquaCoat 5010 manual basic device        | 2363401  |
| AquaCoat 5010G manual basic device       | 2363736  |
| AquaCoat 5020 manual basic device        | 2363292  |
| AquaCoat 5020G manual basic device       | 2363734  |
| BS AQ5010 HP man. Evo 20-30 GM5020EACW   | 2364017  |
| BS AQ5010 HP man. Puma 28-40 GM5020EACW  | 2370696  |
| BS AQ5010 LP man. DD10 GM5020EAW         | 2364016  |
| BS AQ5010 LP man. ZIP 52 GM5020EAW       | 2364014  |
| BS AQ5020 HP man. Cobra 40-10 GM5020EACW | 2364022  |
| BS AQ5020 HP man. Evo 20-30 GM5020EACW   | 2364020  |
| BS AQ5020 HP man. Puma 28-40 GM5020EACW  | 2364021  |
| BS AQ5020 LP man. DD10 GM5020EAW         | 2364019  |
| BS AQ5020 LP man. ZIP 52 GM5020EAW       | 2364018  |

#### Scope of delivery

- Operating manual
- CE declaration of conformity
- Grounding cable
- Insulated cabinet with VM 5020W control unit
- Power cord
- Doors with window as option

#### Order information

The basic set contains the control unit, a pump set ready to fit and the GM 5020 manual gun.

The basic device contains the control unit.

Your authorized WAGNER partner will produce the system ready for spraying to suit the application requirement.





# AquaCoat 5010 & 5020

## Automatic

### Automatic electrostatic - water-based lacquers

Coating system for the electrostatic processing of water-based lacquers and separating agents with automatic guns. Completely insulated construction with internal charging of the materials for manual spraying applications, airspray and AirCoat. Complete the system with a pump set, hoses and automatic guns.

| Technical data                                |  |
|---|--|
| Output voltage                                | 80,0 kV                                  |
| Output current                                | 100 µA                                   |
| Total capacity (slim version / large version) | 30 l, 7,93 gal(US) / 60 l, 15,85 gal(US) |
| Length  | 560,0 mm, 22.0 in.                       |
| Width (slim version / large version)          | 800 mm, 31.5 in. / 1000 mm, 39.4 in.     |
| Height  | 1470 mm, 57.9 in.                        |

| Product variants                      | Item no. |
|---------------------------------------|----------|
| AquaCoat 5010 automatic basic device  | 2363404  |
| AquaCoat 5010G automatic basic device | 2363737  |
| AquaCoat 5020 automatic basic device  | 2363400  |
| AquaCoat 5020G automatic basic device | 2363735  |

#### Scope of delivery

- AquaCoat cabinet
- Operating manual
- CE declaration of conformity
- Grounding cable
- Power cord
- Control unit, high-voltage cascade
- Doors with window as option

#### Order information

The basic device contains cascade and control unit.

# VM 5020W

## Control unit for AquaCoat 5010/5020 - Manual



Control unit to drive the electrostatic manual guns GM 5020 EAW and GM 5020 EACW. Including adjustable high voltage, recipe changes, safety monitoring and many other functions.



| Technical data        |                            |
|-----------------------|----------------------------|
| Input voltage         | 115 – 230 V                |
| Gun voltage           | 70 kV                      |
| Output current        | 100 µA                     |
| Gun spray current     | 100 µA                     |
| Input power           | 40 W                       |
| Input frequency       | 50 – 60 Hz                 |
| Operating temperature | 5 – 40 °C, 41.0 – 104.0 °F |
| Weight                | 6,4 kg, 14.1 lb            |
| Width                 | 370 mm, 14.6 in.           |
| Height                | 136 mm, 5.4 in.            |
| Depth                 | 268 mm, 10.6 in.           |

| Product variants      | Item no. |
|-----------------------|----------|
| Control unit VM 5020W | 2362954  |

Scope of delivery

VM 5020W

Order information

Select the device and required accessories.

# VM 5020WA

## Control unit for AquaCoat 5010/5020 - automatic



Control unit to drive the electrostatic manual guns GA 5000EAW and GM 5000EACW. Including adjustable high voltage, recipe changes, safety monitoring and many other functions.

| Technical data        |                            |
|-----------------------|----------------------------|
| Input voltage         | 115 – 230 V                |
| Gun voltage           | 80 kV                      |
| Output current        | 100 µA                     |
| Input power           | 40 W                       |
| Input frequency       | 50 – 60 Hz                 |
| Operating temperature | 5 – 40 °C, 41.0 – 104.0 °F |
| Weight                | 6,4 kg, 14.1 lb            |
| Width                 | 370 mm, 14.6 in.           |
| Height                | 136 mm, 5.4 in.            |
| Depth                 | 268 mm, 10.6 in.           |

| Product variants       | Item no. |
|------------------------|----------|
| Control unit VM 5020WA | 2363323  |

### Scope of delivery

VM 5020WA

### Order information

Select the device and required accessories.





# Accessories AquaCoat basic unit manual

WAGNER offers you an extensive range of accessories for the manual AquaCoat basic units.  
Select your required components from the table.



|                                       | AquaCoat 5010 <b>2363401</b> | AquaCoat 5010G <b>2363736</b> | AquaCoat 5020 <b>2363292</b> | AquaCoat 5020G <b>2366734</b> |         |
|---------------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|---------|
| <b>Gun</b>                            |                              |                               |                              |                               |         |
| GM 5020EACW                           | ●                            | ●                             | ●                            | ●                             | 2362841 |
| <b>Pump</b>                           |                              |                               |                              |                               |         |
| EvoMotion 20-30 set for AquaCoat      | ●                            | ●                             | ●                            | ●                             | 2363946 |
| Cobra 40-10 (stand) set for AquaCoat  | ●                            | ●                             | ●                            | ●                             | 2363747 |
| Puma 28-40 set for AquaCoat           | ●                            | ●                             | ●                            | ●                             | 2363746 |
| <b>Hose packages AirCoat</b>          |                              |                               |                              |                               |         |
| Material hose EACW cpl. (7.5 m)       | ●                            | ●                             | ●                            | ●                             | 2368105 |
| Material hose EACW cpl. (10 m)        | ●                            | ●                             | ●                            | ●                             | 2368110 |
| Material hose EACW cpl. (15 m)        | ●                            | ●                             | ●                            | ●                             | 2368112 |
| Material hose EACW cpl. (20 m)        | ●                            | ●                             | ●                            | ●                             | 2368113 |
| Hose set GM 5000EACW (7.5 m)          | ●                            | ●                             | ●                            | ●                             | 2339187 |
| Hose set GM 5000EACW (10 m)           | ●                            | ●                             | ●                            | ●                             | 2339188 |
| Hose set GM 5000EACW (15 m)           | ●                            | ●                             | ●                            | ●                             | 2339189 |
| Hose set GM 5000EACW (20m)            | ●                            | ●                             | ●                            | ●                             | 2339190 |
| <b>Other accessories</b>              |                              |                               |                              |                               |         |
| Hose holder                           | ●                            | ●                             | ●                            | ●                             | 353050  |
| Gun holder assy.                      | ●                            | ●                             | ●                            | ●                             | 2359097 |
| Undercarriage 5010 with rollers assy. | ●                            | ●                             |                              |                               | 2364394 |
| Undercarriage 5020 with rollers assy. |                              |                               | ●                            | ●                             | 2359029 |
| Insert tray 5010                      | ●                            | ●                             |                              |                               | 2364790 |
| Insert tray 5020                      |                              |                               | ●                            | ●                             | 2364791 |
| Level monitoring with horn            | ●                            | ●                             | ●                            | ●                             | 353053  |
| Drum cover D350 with agitator         | ●                            | ●                             | ●                            | ●                             | 353055  |
| Drum cover D350 without agitator      | ●                            | ●                             | ●                            | ●                             | 353054  |

# Accessories AquaCoat basic unit automatic

WAGNER offers you an extensive range of accessories for the automatic AquaCoat basic units.  
Select your required components from the table.



|                                       | AquaCoat 5010 <b>2363404</b> | AquaCoat 5010G <b>2363737</b> | AquaCoat 5020 <b>2363400</b> | AquaCoat 5020G <b>2363735</b> |         |
|---------------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|---------|
| <b>Gun</b>                            |                              |                               |                              |                               |         |
| GA 5000EAW EC                         | ●                            | ●                             | ●                            | ●                             | 2366353 |
| GA 5000EACW IC                        | ●                            | ●                             | ●                            | ●                             | 2366352 |
| <b>Pump</b>                           |                              |                               |                              |                               |         |
| EvoMotion 20-30 set for AquaCoat      | ●                            | ●                             | ●                            | ●                             | 2363946 |
| Puma 28-40 set for AquaCoat           | ●                            | ●                             | ●                            | ●                             | 2363746 |
| Cobra 40-10 (stand) set for AquaCoat  | ●                            | ●                             | ●                            | ●                             | 2363747 |
| <b>Hose packages AirCoat</b>          |                              |                               |                              |                               |         |
| Material hose EACW cpl. (7.5 m)       | ●                            | ●                             | ●                            | ●                             | 2368105 |
| Material hose EACW cpl. (10 m)        | ●                            | ●                             | ●                            | ●                             | 2368110 |
| Material hose EACW cpl. (15 m)        | ●                            | ●                             | ●                            | ●                             | 2368112 |
| Material hose EACW cpl. (20 m)        | ●                            | ●                             | ●                            | ●                             | 2368113 |
| Material hose GA EACW cpl. (7.5 m)    | ●                            | ●                             | ●                            | ●                             | 2346090 |
| Material hose GA EACW cpl. (10 m)     | ●                            | ●                             | ●                            | ●                             | 2346091 |
| Material hose GA EACW cpl. (15 m)     | ●                            | ●                             | ●                            | ●                             | 2346092 |
| Material hose GA EACW cpl. (20m)      | ●                            | ●                             | ●                            | ●                             | 2346093 |
| <b>Other accessories</b>              |                              |                               |                              |                               |         |
| Hose holder                           | ●                            | ●                             | ●                            | ●                             | 353050  |
| Level monitoring with horn            | ●                            | ●                             | ●                            | ●                             | 353053  |
| Drum cover D350 without agitator      | ●                            | ●                             | ●                            | ●                             | 353054  |
| Undercarriage 5020 with rollers assy. |                              |                               | ●                            | ●                             | 2359029 |
| Gun holder assy.                      | ●                            | ●                             | ●                            | ●                             | 2359097 |
| Undercarriage 5010 with rollers assy. | ●                            | ●                             |                              |                               | 2364394 |
| Insert tray 5010                      | ●                            | ●                             |                              |                               | 2364790 |
| Insert tray 5020                      |                              |                               | ●                            | ●                             | 2364791 |
| Drum cover D350 with agitator         | ●                            | ●                             | ●                            | ●                             | 353055  |

# Accessories control units electrostatic water-based

WAGNER offers you an extensive range of accessories for the control units electrostatic water-based.  
Select your required components from the table.



|                                | VM 5020W | VM 5020WA |         |
|--------------------------------|----------|-----------|---------|
| Extension & control cables     |          |           |         |
| Mains cable Europe (Schuko)    | ●        | ●         | 241270  |
| Mains cable with STAK 200 10 m | ●        | ●         | 2330628 |
| Mains cable Japan              | ●        | ●         | 264625  |
| Mains cable CH                 | ●        | ●         | 241271  |
| Mains cable USA                | ●        | ●         | 264626  |
| Earthing cable 10 m            | ●        | ●         | 130215  |
| Earthing cable cpl. 3 m        | ●        | ●         | 236219  |

# AirCoat electrostatic nozzles

To determine the article number of a nozzle, please select the number from the chart and replace the xxx. Example: To order a 411 nozzle use the article no.: 395411

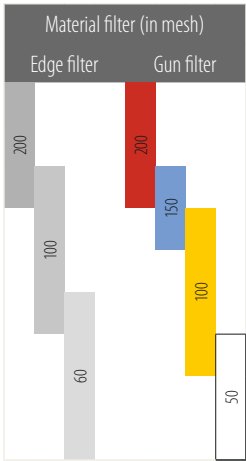
Nozzle chart | ACF 5000

Part No. 395xxx



| Size | Spray angle |     |     |     |     |     |     |
|------|-------------|-----|-----|-----|-----|-----|-----|
|      | 10°         | 20° | 30° | 40° | 50° | 60° | 80° |
| 07   | 107         | 207 |     | 407 |     |     |     |
| 09   | 109         | 209 | 309 | 409 | 509 | 609 |     |
| 11   | 111         | 211 | 311 | 411 | 511 | 611 | 811 |
| 13   | 113         | 213 | 313 | 413 | 513 | 613 | 813 |
| 15   | 115         | 215 | 315 | 415 | 515 | 615 | 815 |
| 17   |             | 217 | 317 | 417 | 517 | 617 | 817 |
| 19   |             | 219 | 319 | 419 | 519 | 619 | 819 |
| 21   |             | 221 |     | 421 | 521 | 621 | 821 |
| 23   |             |     |     | 423 |     | 623 | 823 |

|                                 |               |               |               |               |                |                |
|---------------------------------|---------------|---------------|---------------|---------------|----------------|----------------|
| 55<br>(2.17)                    | 100<br>(3.94) | 145<br>(5.71) | 195<br>(7.68) | 250<br>(9.84) | 300<br>(11.81) | 400<br>(15.75) |
| Average spray width mm (inch)** |               |               |               |               |                |                |



| Bore<br>inch (mm) | Material flow*<br>l/min (gal/min) |
|-------------------|-----------------------------------|
| 0.007 (0.18)      | 0.23 (0.061)                      |
| 0.009 (0.23)      | 0.26 (0.069)                      |
| 0.011 (0.28)      | 0.38 (0.100)                      |
| 0.013 (0.33)      | 0.55 (0.145)                      |
| 0.015 (0.38)      | 0.75 (0.198)                      |
| 0.017 (0.43)      | 0.96 (0.254)                      |
| 0.019 (0.48)      | 1.20 (0.317)                      |
| 0.021 (0.53)      | 1.45 (0.383)                      |
| 0.023 (0.58)      | 1.79 (0.473)                      |

\* Measured with water at 100 bar  
\*\* Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance.  
lacquer 56DIN-4s

# Airless manual & automatic guns

WAGNER airless guns convince both by their robustness in daily use and their high atomization quality at pressures up to 530 bar. The spectrum ranges from finishing manual guns to corrosion protection and various automatic guns.



AG 14



GM 1 - 350



GM 1 - 530



GA 250AL



GA 400AL

| Application  |                |                |                |                |                |
|--|----------------|----------------|----------------|----------------|----------------|
| Finishing  | ●              | ●              |                | ●              | ●              |
| Protective Coating   |                | ●              | ●              |                | ●              |
| Fluid controlling  |                |                |                | ●              | ●              |
| Processable material   |                |                |                |                |                |
| Water-based material   | ●              | ●              | ●              | ●              | ●              |
| Solvent-based material   | ●              | ●              | ●              | ●              | ●              |
| Heated material up to 80 °C                                      |                | ●              | ●              | ●              | ●              |
| Material pressure max. (static)                                  |                |                |                |                |                |
| Up to 250 bar  | ●              |                |                | ●              |                |
| Up to 350 bar  |                | ●              |                |                |                |
| Up to 400 bar  |                |                |                |                | ●              |
| Up to 530 bar  |                |                | ●              |                |                |
| Mounting   |                |                |                |                |                |
| Manual gun   | ●              | ●              | ●              |                |                |
| Automatic gun for for direct mounting<br>(without adapter plate) |                |                |                | ●              | ●              |
| Nozzle system  |                |                |                |                |                |
| Standard nozzle  | ●              |                |                | ●              | ●              |
| Protec Tip   |                | ●              | ●              |                |                |
| ProfiTip   | ●              | ●              | ●              | ●              | ●              |
| WAGNER Tip   | ●              | ●              | ●              | ●              | ●              |
| High precision nozzle S2   |                |                |                | ●              | ●              |
| Nozzle sizes   |                |                |                |                |                |
| Flat jet (10° - 80°)   | 0.007 - 0.052  | 0.007 - 0.052  | 0.007 - 0.052  | 0.013 - 0.065  | 0.013 - 0.065  |
| Flat jet (10° - 80°)   | 0.18 - 1.30 mm | 0.18 - 1.30 mm | 0.18 - 1.30 mm | 0.33 - 1.65 mm | 0.33 - 1.65 mm |



# PROTEC GM 1-530

## Airless manual gun



Airless manual gun with 4-finger trigger for heavy corrosion protection up to 530 bar. With filter, ProfiTip nozzle holder and rotary fitting. Can also be used with insulating handle for heated material.

| Technical data             |                 |
|----------------------------|-----------------|
| Nozzle diameter            | 0.013" – 0.065" |
| Material pressure          | 530 bar         |
| Material inlet             | NPS 1/4" – M    |
| Sound level                | 85 dB(A)        |
| Material temperature range | 80 °C           |
| Ambient temperature range  | 5 °C – 40 °C    |
| Length                     | 130 mm          |
| Height                     | 188 mm          |
| Weight                     | 580 g           |

| Product variants | Item no. |
|------------------|----------|
| GM 1-530         | 2349287  |

### Processable materials

- Water and solvent-based material
- Zinc rich paints
- High solids
- 2K corrosion protection colors
- Anti-fouling coatings
- Epoxy primers

### Material-wetted parts

- Aluminum
- Stainless steel
- Tungsten carbide
- PTFE
- UHMW-PE
- POM

### Scope of delivery

- Manual spray gun
- Nozzle holder Profi-/PROTEC-Tip
- Cage filter white, 50 meshes

### Order information

Please order the desired nozzle which matches the nozzle holder.





# PROTEC GM 1-350

## Airless manual gun



Airless manual gun with 2-finger trigger for corrosion protection and finishing up to 350 bar. With filter, ProfiTip nozzle holder, and rotary fitting. Can also be used with insulating handle for heated material.

| Technical data             |                 |
|----------------------------|-----------------|
| Nozzle diameter            | 0.007" – 0.065" |
| Material pressure          | 350 bar         |
| Material inlet             | NPS 1/4" – M    |
| Sound level                | 85 dB(A)        |
| Material temperature range | 80 °C           |
| Ambient temperature range  | 5 °C – 40 °C    |
| Length                     | 130 mm          |
| Height                     | 188 mm          |
| Weight                     | 560 g           |

| Product variants     | Item no. |
|----------------------|----------|
| Airless Gun GM 1-350 | 2349286  |



### Processable materials

- Solvent and water-based material
- Zinc rich paints
- High solids
- 2K corrosion protection colors
- Anti-fouling coatings
- Epoxy primers

### Material-wetted parts

- Aluminum
- Stainless steel
- Tungsten carbide
- PTFE
- UHMW-PE
- POM

### Scope of delivery

- Manual spray gun
- Nozzle holder Profi-/PROTEC-Tip
- Cage filter white, 50 meshes

### Order information

Please order the desired nozzle which matches the nozzle holder.



# GA 250/400AL

## Airless automatic gun



Compact automatic airless gun for automatic applications. Different pressure ranges are available for different areas of use. Different WAGNER nozzle systems can be applied.



| Technical data             |                 |
|----------------------------|-----------------|
| Nozzle diameter            | 0.007" – 0.052" |
| Material pressure          | 400 bar         |
| Material inlet             | G 1/4" – M      |
| Air inlet pressure range   | 4.5 bar – 8 bar |
| Sound level                | 84 dB(A)        |
| Material temperature range | 60 °C           |
| Ambient temperature range  | 5 °C – 40 °C    |
| Length                     | 104 mm          |
| Width                      | 40 mm           |
| Height                     | 40 mm           |
| Weight                     | 545 g           |

| Product variants       | Item no. |
|------------------------|----------|
| Spray gun GA250 AL     | 350033   |
| Spray gun GA 250AL USA | 350081   |
| Spray gun GA 400AL USA | 350080   |
| Spray gun GA400 AL     | 350032   |

### Processable materials

Water and solvent-based material

### Material-wetted parts

Stainless steel  
Tungsten carbide  
UHMW-PE  
PA

### Scope of delivery

Automatic spray gun  
With nozzle holder for standard tip e.g. 90xxx

### Order information

Select and order nozzle or nozzle system separately for the requested application.



# AG 14

## Airless manual gun



Airless manual gun for up to 270 bar for airless finishing applications.  
With filter and swivel joint. Various nozzle attachments.

| Technical data             |                 |
|----------------------------|-----------------|
| Nozzle diameter            | 0.007" - 0.052" |
| Material pressure          | 270 bar         |
| Material inlet             | NPS 1/4" - M    |
| Sound level                | 81 dB(A)        |
| Material temperature range | 40 °C           |
| Ambient temperature range  | 5 °C - 40 °C    |
| Length                     | 125 mm          |
| Height                     | 225 mm          |
| Weight                     | 590 g           |

| Product variants                   | Item no. |
|------------------------------------|----------|
| Gun AG-14 f-thread 11/16" NPS1/4"  | 2305433  |
| Gun AG-14 for StandardTip, M16x1.5 | 257018   |
| Gun AG-14 f-thread 11/16" NPS1/4"  | 257017   |
| Gun AG-14 for WagnerTip, M16x1.5   | 257016   |
| Gun AG-14 for WagnerTip, NPS1/4"   | 257015   |



### Processable materials

Water and solvent-based material  
pre-mixed 2K material

### Material-wetted parts

Stainless steel  
Aluminum  
PTFE  
Tungsten carbide  
UHMW-PE  
POM

### Scope of delivery

Manual spray gun  
Nozzle holder  
Material filter, red (180 mesh)

### Order information

Please order the desired nozzle which matches the nozzle holder.



# Accessories airless guns

WAGNER offers you an extensive range of accessories for airless guns.  
Select your required components from the table.

|  | AG 14 | PROTEC GM 1-530 | PROTEC GM 1-350 | GA 250AL | GA 400AL |
|--|-------|-----------------|-----------------|----------|----------|
|--|-------|-----------------|-----------------|----------|----------|

## Filter inserts



|                                       |   |   |   |  |         |
|---------------------------------------|---|---|---|--|---------|
| Inline filter insert red-180-10St.    | ● |   |   |  | 97022   |
| Inline filter insert yellow-100-10St. | ● |   |   |  | 97023   |
| Inline filter insert white-50-10St.   | ● |   |   |  | 97024   |
| Inline filter insert green-30-10St    | ● |   |   |  | 97025   |
| Cage filter - 150MA-blue - 10 St.     |   | ● | ● |  | 2315724 |
| Cage filter - 100MA-yellow - 10 St.   |   | ● | ● |  | 2315725 |
| Cage filter - 50MA-white - 10 St.     |   | ● | ● |  | 2315726 |
| Cage filter - 30MA-green-10St.        |   | ● | ● |  | 2365429 |

## Nozzles - flat jet



|   |   |   |   |   |   |         |
|---|---|---|---|---|---|---------|
| WAGNER TIP (see nozzle chart)           | ● | ● | ● | ● | ● | 1088xxx |
| Standard nozzle (see nozzle chart)      | ● | ● | ● | ● | ● | 90xxx   |
| Standard nozzle plus (see nozzle chart) | ● |   |   | ● | ● | 323xxx  |
| WAGNER Profi Tip HP (see nozzle chart)  | ● | ● | ● | ● | ● | 1006xxx |
| PROTEC TIP (see nozzle chart)           | ● | ● | ● | ● | ● | 556xxx  |

## Nozzle holder



|  |   |   |   |   |   |         |
|--|---|---|---|---|---|---------|
| WAGNER Standard Tip holder 11/16       | ● |   |   | ● | ● | 335209  |
| WAGNER Tip „F“ holder                  | ● |   |   | ● | ● | 1088001 |
| WAGNER Tip holder 7/8 -14 UNF          |   | ● | ● |   |   | 2371338 |
| WAGNER Standard Tip holder 7/8 -14 UNF |   | ● | ● |   |   | 2371336 |
| WAGNER Profi Tip „F“ reversing switch  | ● |   |   |   |   | 1006001 |
| WAGNER Profi Tip HP „F“ holder         | ● |   |   | ● | ● | 1006003 |
| WAGNER Profi Tip „G“ reversing switch  | ● |   |   |   |   | 1006002 |

## Nozzle extensions



|                                     |   |  |  |   |  |         |
|-------------------------------------|---|--|--|---|--|---------|
| Nozzle extension F-thread cpl.15cm  | ● |  |  |   |  | 556051  |
| Nozzle extension F-thread cpl.30cm  | ● |  |  |   |  | 556052  |
| Nozzle extension F-thread cpl.45cm  | ● |  |  |   |  | 556053  |
| Nozzle extension F-thread cpl.60cm  | ● |  |  |   |  | 556054  |
| Nozzle extension cpl.1m             | ● |  |  |   |  | 96015   |
| Nozzle extension cpl.2m             | ● |  |  |   |  | 96016   |
| Nozzle extension cpl.3m             | ● |  |  |   |  | 96017   |
| Cavity sealing lance cpl. 350mm     |   |  |  | ● |  | 2331802 |
| Cavity sealing lance cpl. 800mm R12 |   |  |  | ● |  | 2356287 |
| Cavity sealing lance cpl. 120mm/R15 |   |  |  | ● |  | 2360150 |

# Accessories airless guns

WAGNER offers you an extensive range of accessories for airless guns.  
Select your required components from the table.

|  | AG 14 | PROTEC GM 1-530 | PROTEC GM 1-350 | GA 250AL | GA 400AL |            |
|--|-------|-----------------|-----------------|----------|----------|------------|
| Gun flush box                            |       |                 |                 |          |          |            |
| Gun flush box for AG14                   | ●     |                 |                 |          |          | 377167     |
| Gun flush box for GM 1                   |       | ●               | ●               |          |          | 2363442    |
| Hose connection fitting                  |       |                 |                 |          |          |            |
| Fitting-DF-MM-G1/4-1/4NPSM-530bar-SSt    |       |                 |                 | ●        | ●        | 350550     |
| Material hose airless                    |       |                 |                 |          |          |            |
| HP-hose-DN4-PN270-¼"NPS-7.5m-PA          | ●     |                 |                 |          |          | 9984573    |
| HP-hose-DN3-PN270-¼"NPS-7.5m-PA          | ●     |                 |                 |          |          | 9984583    |
| HP-hose-DN4-PN270-1/4"NPS-10.0m-PA       | ●     |                 |                 |          |          | 9984573-10 |
| HP-hose-DN4-PN270-¼"NPS-15.0m-PA         | ●     |                 |                 |          |          | 9984573-15 |
| HP-hose-DN4-PN270-¼"NPS-20.0m-PA         | ●     |                 |                 |          |          | 9984573-20 |
| HP-hose-DN6-PN530-¼"NPS-10.0m-PA         |       | ●               | ●               |          |          | 9984421    |
| HP-hose-DN10-PN530-3/8"NPS-15.0m-PA      |       | ●               | ●               |          |          | 9987118    |
| HP-hose-DN6-PN530-¼"NPS-1.5m-PA          |       | ●               | ●               |          |          | 9987117    |
| Fitting-DF-MM-1/4NPSM-3/8NPSM-530bar-SSt |       | ●               | ●               |          |          | 367561     |
| Assembly accessories                     |       |                 |                 |          |          |            |
| Holding device D14 GA 250AL, GA 400AL    |       |                 |                 | ●        | ●        | 350480     |
| Holding device D16 GA 250AL, GA 400AL    |       |                 |                 | ●        | ●        | 350497     |
| Holder turnable                          |       |                 |                 | ●        | ●        | 380942     |
| Nozzles - adjustable                     |       |                 |                 |          |          |            |
| Flat jet adjustable nozzle 20            | ●     |                 |                 |          |          | 999053     |
| Flat jet adjustable nozzle 28            | ●     |                 |                 |          |          | 999054     |
| Flat jet adjustable nozzle 41            | ●     |                 |                 |          |          | 999055     |
| Flat jet adjustable nozzle 49            | ●     |                 |                 |          |          | 999056     |
| Flat jet adjustable nozzle 15            | ●     |                 |                 |          |          | 999057     |

# Airless nozzles

To determine the article number of a nozzle, please select the number from the chart and replace the xxx. Example: To order a 417 nozzle use the article no.: 556417

Nozzle chart | PROTEC Tip

Part No. 556xxx



| Size | Spray angle |     |     |     |     |     |     |
|------|-------------|-----|-----|-----|-----|-----|-----|
|      | 10°         | 20° | 30° | 40° | 50° | 60° | 80° |
| 13   | 113         | 213 | 313 | 413 |     |     |     |
| 15   | 115         | 215 | 315 | 415 | 515 | 615 | 815 |
| 17   | 117         | 217 | 317 | 417 | 517 | 617 | 817 |
| 19   | 119         | 219 | 319 | 419 | 519 | 619 | 819 |
| 21   |             | 221 | 321 | 421 | 521 | 621 | 821 |
| 23   |             | 223 | 323 | 423 | 523 | 623 | 823 |
| 25   |             | 225 | 325 | 425 | 525 | 625 | 825 |
| 31   |             |     | 331 |     | 531 |     |     |
| 33   |             |     | 333 |     | 533 |     |     |
| 35   |             |     | 335 |     | 535 |     | 835 |
| 51   |             |     | 351 |     | 551 |     |     |
| 55   |             |     | 355 |     | 555 |     |     |
| 61   |             |     | 361 |     | 561 |     |     |
| 65   |             |     | 365 |     | 565 |     |     |

|                                 |       |       |       |        |        |        |
|---------------------------------|-------|-------|-------|--------|--------|--------|
| 51                              | 104   | 152   | 203   | 254    | 305    | 356    |
| (2.0)                           | (4.0) | (6.0) | (8.0) | (10.0) | (12.0) | (14.0) |
| Average spray width mm (inch)** |       |       |       |        |        |        |

| Material filter<br>(in mesh) | Bore         | Material flow*  |
|------------------------------|--------------|-----------------|
|                              | inch (mm)    | l/min (gal/min) |
| 200<br>100                   | 0.013 (0.33) | 0.50 (0.15)     |
|                              | 0.015 (0.38) | 0.70 (0.19)     |
|                              | 0.017 (0.43) | 0.85 (0.22)     |
|                              | 0.019 (0.48) | 1.00 (0.26)     |
| 50                           | 0.021 (0.53) | 1.20 (0.32)     |
|                              | 0.023 (0.58) | 1.40 (0.37)     |
|                              | 0.025 (0.64) | 1.60 (0.42)     |
|                              | 0.031 (0.79) | 2.25 (0.60)     |
| 30                           | 0.033 (0.84) | 2.50 (0.66)     |
|                              | 0.035 (0.89) | 2.80 (0.74)     |
|                              | 0.051 (1.30) | 5.20 (1.38)     |
|                              | 0.055 (1.40) | 6.00 (1.59)     |
|                              | 0.061 (1.55) | 7.50 (1.98)     |
|                              | 0.065 (1.65) | 9.00 (2.38)     |

\* Measured with water at 100 bar  
\*\* Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance.  
lacquer 56DIN-4s  
\*\*\* Average spray width may vary

# Airless nozzles

To determine the article number of a nozzle, please select the number from the chart and replace the xxx. Example: To order a 411 nozzle use the article no.: 1088411

Nozzle chart | WAGNER Tip

Part No. 1088xxx



| Size  | Spray angle |     |     |     |     |     |     |     |
|-------|-------------|-----|-----|-----|-----|-----|-----|-----|
|       | 10°         | 20° | 30° | 40° | 50° | 60° | 70° | 80° |
| 07*** |             |     |     | 407 |     |     |     |     |
| 09*** |             | 209 | 309 | 409 | 509 | 609 |     |     |
| 11    | 111         | 211 | 311 | 411 | 511 | 611 |     |     |
| 13    | 113         | 213 | 313 | 413 | 513 | 613 |     | 813 |
| 15    | 115         | 215 | 315 | 415 | 515 | 615 | 715 | 815 |
| 17    |             | 217 | 317 | 417 | 517 | 617 | 717 |     |
| 19    |             | 219 | 319 | 419 | 519 | 619 | 719 | 819 |
| 21    |             | 221 |     | 421 | 521 | 621 |     | 821 |
| 23    |             | 223 |     | 423 | 523 | 623 | 723 | 823 |
| 25    |             | 225 |     | 425 | 525 | 625 |     | 825 |
| 27    |             | 227 |     | 427 | 527 | 627 |     | 827 |
| 29    |             |     |     |     |     | 629 |     |     |
| 31    |             | 231 |     | 431 | 531 | 631 |     |     |
| 33    |             |     |     | 433 |     |     |     |     |
| 35    |             | 235 |     | 435 | 535 | 635 |     |     |
| 43    |             | 243 |     |     | 543 |     |     |     |
| 52    |             |     |     |     | 552 |     |     |     |

|                                 |       |       |       |        |        |        |        |
|---------------------------------|-------|-------|-------|--------|--------|--------|--------|
| 51                              | 104   | 152   | 203   | 254    | 305    | 356    | 406    |
| (2.0)                           | (4.0) | (6.0) | (8.0) | (10.0) | (12.0) | (14.0) | (16.0) |
| Average spray width mm (inch)** |       |       |       |        |        |        |        |

| Material filter<br>(in mesh) | Bore<br>inch (mm) | Material flow*<br>l/min (gal/min) |
|------------------------------|-------------------|-----------------------------------|
| 200                          | 0.007 (0.18)      | 0.23 (0.061)                      |
|                              | 0.009 (0.23)      | 0.26 (0.069)                      |
|                              | 0.011 (0.28)      | 0.38 (0.100)                      |
|                              | 0.013 (0.33)      | 0.55 (0.145)                      |
| 100                          | 0.015 (0.38)      | 0.75 (0.198)                      |
|                              | 0.017 (0.43)      | 0.96 (0.254)                      |
|                              | 0.019 (0.48)      | 1.20 (0.317)                      |
|                              | 0.021 (0.53)      | 1.45 (0.383)                      |
| 50                           | 0.023 (0.58)      | 1.62 (0.428)                      |
|                              | 0.025 (0.64)      | 1.92 (0.507)                      |
|                              | 0.027 (0.69)      | 2.25 (0.594)                      |
|                              | 0.029 (0.75)      | 2.57 (0.679)                      |
|                              | 0.031 (0.79)      | 2.95 (0.779)                      |
|                              | 0.033 (0.83)      | 3.35 (0.885)                      |
|                              | 0.035 (0.90)      | 3.80 (1.004)                      |
|                              | 0.043 (1.10)      | 5.89 (1.556)                      |
|                              | 0.052 (1.30)      | 6.14 (1.622)                      |
|                              |                   |                                   |
| 30                           |                   |                                   |
|                              |                   |                                   |
|                              |                   |                                   |
|                              |                   |                                   |

\* Measured with water at 100 bar  
\*\* Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance.  
lacquer 56DIN-4s  
\*\*\* Average spray width may vary



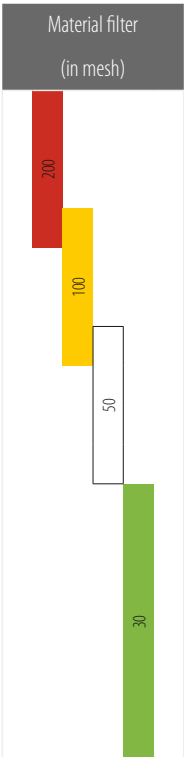
Nozzle chart | WAGNER Profi Tip HD

Part No. 1006xxx



| Size  | Spray angle |     |     |     |     |     |     |     |
|-------|-------------|-----|-----|-----|-----|-----|-----|-----|
|       | 10°         | 20° | 30° | 40° | 50° | 60° | 70° | 80° |
| 07*** |             |     |     | 407 |     |     |     |     |
| 09*** |             | 209 | 309 | 409 | 509 | 609 |     |     |
| 11    | 111         | 211 | 311 | 411 | 511 | 611 |     |     |
| 13    | 113         | 213 | 313 | 413 | 513 | 613 |     | 813 |
| 15    | 115         | 215 | 315 | 415 | 515 | 615 | 715 | 815 |
| 17    |             | 217 | 317 | 417 | 517 | 617 | 717 |     |
| 19    |             | 219 | 319 | 419 | 519 | 619 | 719 | 819 |
| 21    |             | 221 |     | 421 | 521 | 621 |     | 821 |
| 23    |             | 223 |     | 423 | 523 | 623 | 723 | 823 |
| 25    |             | 225 |     | 425 | 525 | 625 |     | 825 |
| 27    |             | 227 |     | 427 | 527 | 627 |     | 827 |
| 29    |             |     |     |     |     | 629 |     |     |
| 31    |             | 231 |     | 431 | 531 | 631 |     |     |
| 33    |             |     |     | 433 |     |     |     |     |
| 35    |             | 235 |     | 435 | 535 | 635 |     |     |
| 43    |             | 243 |     |     | 543 |     |     |     |
| 52    |             |     |     |     | 552 |     |     |     |

|                                 |              |              |              |               |               |               |               |
|---------------------------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|
| 51<br>(2.0)                     | 104<br>(4.0) | 152<br>(6.0) | 203<br>(8.0) | 254<br>(10.0) | 305<br>(12.0) | 356<br>(14.0) | 406<br>(16.0) |
| Average spray width mm (inch)** |              |              |              |               |               |               |               |



| Bore         | Material flow*  |
|--------------|-----------------|
| inch (mm)    | l/min (gal/min) |
| 0.007 (0.18) | 0.23 (0.061)    |
| 0.009 (0.23) | 0.26 (0.069)    |
| 0.011 (0.28) | 0.38 (0.100)    |
| 0.013 (0.33) | 0.55 (0.145)    |
| 0.015 (0.38) | 0.75 (0.198)    |
| 0.017 (0.43) | 0.96 (0.254)    |
| 0.019 (0.48) | 1.20 (0.317)    |
| 0.021 (0.53) | 1.45 (0.383)    |
| 0.023 (0.58) | 1.62 (0.428)    |
| 0.025 (0.64) | 1.92 (0.507)    |
| 0.027 (0.69) | 2.25 (0.594)    |
| 0.029 (0.75) | 2.57 (0.679)    |
| 0.031 (0.79) | 2.95 (0.779)    |
| 0.033 (0.83) | 3.35 (0.885)    |
| 0.035 (0.90) | 3.80 (1.004)    |
| 0.043 (1.10) | 5.89 (1.556)    |
| 0.052 (1.30) | 6.14 (1.622)    |

\* Measured with water at 100 bar  
\*\* Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance.  
lacquer 56DIN-4s  
\*\*\* Average spray width may vary

# Airless nozzles

To determine the article number of a nozzle, please select the number from the chart and replace the xxx. Example: To order a 411 nozzle use the article no.: 90411

Nozzle chart | Standard Tip

Part No. 90xxx



| Size  | Spray angle |     |     |     |     |     |     |     |
|-------|-------------|-----|-----|-----|-----|-----|-----|-----|
|       | 10°         | 20° | 30° | 40° | 50° | 60° | 70° | 80° |
| 07*** |             |     |     | 407 | 507 |     |     |     |
| 09*** |             | 209 | 309 | 409 | 509 | 609 |     |     |
| 11    | 111         | 211 | 311 | 411 | 511 | 611 |     |     |
| 13    | 113         | 213 | 313 | 413 | 513 | 613 |     | 813 |
| 15    | 115         | 215 | 315 | 415 | 515 | 615 | 715 | 815 |
| 17    |             | 217 | 317 | 417 | 517 | 617 | 717 |     |
| 19    |             | 219 | 319 | 419 | 519 | 619 | 719 | 819 |
| 21    |             | 221 |     | 421 | 521 | 621 |     | 821 |
| 23    |             | 223 |     | 423 | 523 | 623 | 723 | 823 |
| 25    |             | 225 |     | 425 | 525 | 625 |     | 825 |
| 27    |             | 227 |     | 427 | 527 | 627 |     | 827 |
| 29    |             |     |     |     |     | 629 |     |     |
| 31    |             | 231 |     | 431 | 531 | 631 |     |     |
| 33    |             |     |     | 433 |     |     |     |     |
| 35    |             | 235 |     | 435 | 535 | 635 |     |     |
| 39    |             |     |     |     |     |     |     | 839 |
| 43    |             | 243 |     |     | 543 |     |     |     |
| 52    |             |     |     |     | 552 |     |     |     |

|                                 |       |       |       |        |        |        |        |
|---------------------------------|-------|-------|-------|--------|--------|--------|--------|
| 51                              | 104   | 152   | 203   | 254    | 305    | 356    | 406    |
| (2.0)                           | (4.0) | (6.0) | (8.0) | (10.0) | (12.0) | (14.0) | (16.0) |
| Average spray width mm (inch)** |       |       |       |        |        |        |        |

| Material filter<br>(in mesh) | Bore<br>inch (mm) | Material flow*<br>l/min (gal/min) |
|------------------------------|-------------------|-----------------------------------|
| 200                          | 0.007 (0.18)      | 0.23 (0.061)                      |
|                              | 0.009 (0.23)      | 0.26 (0.069)                      |
|                              | 0.011 (0.28)      | 0.38 (0.100)                      |
|                              | 0.013 (0.33)      | 0.55 (0.145)                      |
| 100                          | 0.015 (0.38)      | 0.75 (0.198)                      |
|                              | 0.017 (0.43)      | 0.96 (0.254)                      |
|                              | 0.019 (0.48)      | 1.20 (0.317)                      |
|                              | 0.021 (0.53)      | 1.45 (0.383)                      |
| 50                           | 0.023 (0.58)      | 1.62 (0.428)                      |
|                              | 0.025 (0.64)      | 1.92 (0.507)                      |
|                              | 0.027 (0.69)      | 2.25 (0.594)                      |
|                              | 0.029 (0.75)      | 2.57 (0.679)                      |
| 30                           | 0.031 (0.79)      | 2.95 (0.779)                      |
|                              | 0.033 (0.83)      | 3.35 (0.885)                      |
|                              | 0.035 (0.90)      | 3.80 (1.004)                      |
|                              | 0.039 (0.99)      | 4.31 (1.139)                      |
|                              | 0.043 (1.10)      | 5.89 (1.556)                      |
|                              | 0.052 (1.30)      | 6.14 (1.622)                      |

\* Measured with water at 100 bar  
\*\* Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance.  
lacquer 56DIN-4s  
\*\*\* Average spray width may vary

Nozzle chart | Standard Tip *plus*

Part No. 323xxx



| Size | Spray angle |     |     |     |     |
|------|-------------|-----|-----|-----|-----|
|      | 20°         | 30° | 40° | 50° | 60° |
| 10   | 210         | 310 | 410 | 510 |     |
| 12   | 212         | 312 | 412 |     | 612 |
| 14   | 214         | 314 | 414 | 514 | 614 |
| 16   | 216         | 316 | 416 | 516 | 616 |
| 18   |             | 318 | 418 | 518 | 618 |
| 20   |             | 320 | 420 |     | 620 |
| 22   |             |     | 422 |     | 622 |
| 24   |             |     | 424 |     | 624 |

|                                 |               |               |                |                |
|---------------------------------|---------------|---------------|----------------|----------------|
| 104<br>(4.00)                   | 152<br>(6.00) | 203<br>(8.00) | 254<br>(10.00) | 305<br>(12.00) |
| Average spray width mm (inch)** |               |               |                |                |

| Material filter<br>(in mesh) |
|------------------------------|
| 200                          |
| 100                          |
| 50                           |

| Bore<br>inch (mm) | Material flow*<br>l/min (gal/min) |
|-------------------|-----------------------------------|
| 0.010 (0.25)      | 0.28 (0.074)                      |
| 0.012 (0.30)      | 0.39 (0.104)                      |
| 0.014 (0.36)      | 0.55 (0.145)                      |
| 0.016 (0.41)      | 0.69 (0.183)                      |
| 0.018 (0.46)      | 0.87 (0.230)                      |
| 0.020 (0.51)      | 0.11 (0.028)                      |
| 0.022 (0.56)      | 0.13 (0.034)                      |
| 0.024 (0.61)      | 0.15 (0.040)                      |

\* Measured with water at 100 bar  
\*\* Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance.  
lacquer 56DIN-4s  
\*\*\* Average spray width may vary

# High precision for an efficient operation.



## 106

### TwinControl

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, especially for the application of highly viscous materials and high conveying capacities. The external magnetic stroke meter is the powerful alternative to gear flow meters and suited for mixing ratios up to 20:1.



## 119

### 2K Smart

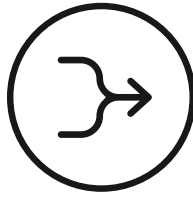
The WAGNER 2K Smart mixing and dosing system, optionally with non-contact flow measurement, is suitable for all applications in which multicolor 2K or 3K coatings are applied. The individual selection of the ideal flow measurement system (gear flow meter, Coriolis flow meter or WAGNER stroke sensor) ensures constant mixing ratios.



## 122

### 2K COMFORT

The WAGNER 2K COMFORT is an electronically controlled mixing and dosing system for multi-color applications. With this system, up to 25 colors and four components can be processed simultaneously. For a highly efficient coating process, the system can be integrated into a field bus system.



## Mixing

With its mixing and dosing systems, WAGNER offers a strong product family that meets the most diverse requirements in various areas of industrial applications. Whether mechanical, electronic, low or high pressure, automatic or manual coating - with the different WAGNER systems 2K to 4K materials can be reliably processed.



# 126

### Cobra 2K

The Cobra 2K is an innovative and compact 1:1 high-pressure mixing system for processing polyester coatings. The alternating mixing and homogenisation of pre-mixed resin with hardener and resin with accelerator mixes produces an excellent and consistent surface quality, which is otherwise only possible with 3K systems and high investments.



# 128

### PROTEC 2K

The WAGNER PROTEC 2K was specially developed for applications in 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 convinces with its ease of operation.

# TwinControl mixing & dosing systems

A complete 2K mixing system family offering an easy operating concept and high mobility. For coating applications with one or two paints the TwinControl system provides high efficiency, a compact design and simple operation. It fulfills diverse application requirements with ease, for example the processing of abrasive materials with high viscosity and corrosion protection or sensitive finishing top coats. The non-contact measuring system is based on magnetic stroke sensors and ensures a high and reliable mixing accuracy, independent of material properties such as shearing sensitivity, abrasiveness or viscosity. Using the version configuration the system can be customized according to customer requirements.



TwinControl  
5-60



TwinControl  
10-70



TwinControl  
28-40



TwinControl  
35-70

| Application                         |            |            |            |            |  |
|-------------------------------------|------------|------------|------------|------------|--|
| Finishing airspray                  | ●          | ●          |            |            |  |
| Finishing AirCoat/airless           |            |            | ●          | ●          |  |
| Finishing heavy duty (e.g. ACE-T)   |            |            |            |            |  |
| Protective Coating                  |            |            |            |            |  |
| Processable material                |            |            |            |            |  |
| Solvent-based materials             | ●          | ●          | ●          | ●          |  |
| Water-based materials               | ●          | ●          | ●          | ●          |  |
| Mixing ratio                        | 1:1 – 20:1 | 1:1 – 20:1 | 1:1 – 20:1 | 1:1 – 20:1 |  |
| Volumetric flow max. (l/min)        |            |            |            |            |  |
| Mixing ratio 1:1                    | 3.6        | 4.2        | 2.4        | 4.2        |  |
| Mixing ratio 4:1                    | 2.3        | 2.6        | 1.5        | 2.6        |  |
| Mixing ratio 10:1                   | 2          | 2.3        | 1.3        | 2.4        |  |
| Mixing ratio 20:1                   | 1.9        | 2.2        | 1.2        | 2.2        |  |
| Second color                        |            |            |            |            |  |
| Kit for expansion with second color | ●          | ●          | ●          | ●          |  |
| Mixing technology                   |            |            |            |            |  |
| Standard injection                  | ●          | ●          | ●          | ●          |  |
| Adaptive injection system (AIS)     | ●          | ●          | ●          | ●          |  |
| Material pressure max (static)      |            |            |            |            |  |
| 40 bar                              | ●          | ●          |            |            |  |
| 224 bar                             |            |            | ●          |            |  |
| 250 bar                             |            |            |            | ●          |  |
| 370 bar                             |            |            |            |            |  |
| 480 bar                             |            |            |            |            |  |
| 530 bar                             |            |            |            |            |  |



TwinControl  
35-150



TwinControl  
48-110



TwinControl  
95-150



TwinControl  
72-200



TwinControl  
60-240

|  | •          | •          |            |            |
|--|------------|------------|------------|------------|
|  | •          | •          | •          | •          |
|  |            |            | •          | •          |
|  |            |            |            |            |
|  | •          | •          | •          | •          |
|  | •          | •          | •          | •          |
|  | 1:1 - 20:1 | 1:1 - 20:1 | 1:1 - 10:1 | 1:1 - 10:1 |
|  |            |            |            |            |
|  | -          | 6.6        | 9          | 12         |
|  | 5.6        | 4.2        | 5.6        | 7.5        |
|  | 4.9        | 3.8        | 4.9        | 6.6        |
|  | 4.7        | 3.5        | -          | -          |
|  |            |            |            |            |
|  | •          | •          | •          | •          |
|  |            |            |            |            |
|  | •          | •          | •          | •          |
|  | •          | •          |            |            |
|  |            |            |            |            |
|  |            |            |            |            |
|  | •          |            |            |            |
|  |            | •          |            |            |
|  |            |            |            | •          |
|  |            |            | •          | •          |



# TwinControl 5-60

## Electronic mixing and dosing system



Electronic 2K mixing system for airspray applications. Different variants can be configured for different applications. Second color can be retrofitted with extension set.

| Technical data                            |                |
|---|----------------|
| Mixing ratio range                        | 0.1 :1 – 20 :1 |
| Mixing accuracy                           | 2 %            |
| Material pressure                         | 40 bar         |
| Max. volumetric flow at mixing ratio 1:1  | 3.6 l/min      |
| Max. volumetric flow at mixing ratio 4:1  | 2.3 l/min      |
| Max. volumetric flow at mixing ratio 10:1 | 2 l/min        |
| Material temperature range                | 5 °C – 60 °C   |
| Material pH range                         | 9 pH – 3.5 pH  |
| Material inlet                            | M36x2 – M      |
| Material outlet                           | G 3/8" – M     |
| Compressed air connection                 | F – G 1/2"     |
| Air inlet pressure range                  | 5 bar – 8 bar  |

| Product variants                 | Item no. |
|----------------------------------|----------|
| TwinControl 5-60 ABS Ex AIS GR P | 2367760  |
| TwinControl 5-60 ABS Ex GR       | 2339519  |
| TwinControl 5-60 ABS Ex GR M     | 2339016  |
| TwinControl 5-60 ABS Ex W        | 2340465  |
| TwinControl 5-60 ABS GR          | 2340464  |
| TwinControl 5-60 ABS W           | 2340466  |



### Processable materials

- Solvent-based paints (2K)
- Water-based paints (2K)
- High solid paints (2K)

### Material-wetted parts

- Stainless steel
- Hard chrome
- Tungsten carbide
- Packing PE-T / PE-TG

### Scope of delivery

Premounted, tested and ready to connect to air and power supply.

### Order information

- The unit is configured according to your individual requirement.  
It will be mounted and delivered order-related.  
EX: ATEX version with turbine  
GR: Frame with rollers  
W: Wall mount  
Wag: Trolley  
P: Material pressure regulator pneumatic  
M: Material pressure regulator mechanic



# TwinControl 10-70

## Electronic mixing and dosing system



Electronic 2K mixing system for airspray applications. Different variants can be configured for different applications. Second color can be retrofitted with extension set.

| Technical data                            |                |
|---|----------------|
| Mixing ratio range                        | 0.1 :1 - 20 :1 |
| Mixing accuracy                           | 2 %            |
| Material pressure                         | 40 bar         |
| Max. volumetric flow at mixing ratio 1:1  | 4.2 l/min      |
| Max. volumetric flow at mixing ratio 4:1  | 2.6 l/min      |
| Max. volumetric flow at mixing ratio 10:1 | 2.3 l/min      |
| Material temperature range                | 5 °C - 60 °C   |
| Material pH range                         | 9 pH - 3.5 pH  |
| Material inlet                            | M36x2 - M      |
| Material outlet                           | G 3/8" - M     |
| Compressed air connection                 | F - G 1/2"     |
| Air inlet pressure range                  | 5 bar - 8 bar  |

| Product variants              | Item no. |
|-------------------------------|----------|
| TwinControl 10-70 ABS Ex GR M | 2339020  |
| TwinControl 10-70 ABS GR      | 2340467  |

### Processable materials

- Solvent-based paints (2K)
- Water-based paints (2K)
- High solid paints (2K)

### Material-wetted parts

- Stainless steel
- Hard chrome
- Tungsten carbide
- Packing PE-T / PE-TG

### Scope of delivery

Premounted, tested and ready to connect to air and power supply.

### Order information

The unit is configured according to your individual requirement. It will be mounted and delivered order-related. Please order accessories for the suction side of the pumps separately.  
EX: Atex version with turbine  
GR: Frame with rollers  
M: Material pressure regulator mechanic



# TwinControl 28-40

## Electronic mixing and dosing system



Electronic 2K mixing system for AirCoat applications. Different variants can be configured for different applications. Second color can be retrofitted with extension set.

| Technical data                            |                |
|---|----------------|
| Mixing ratio range                        | 0.1 :1 - 20 :1 |
| Mixing accuracy                           | 2 %            |
| Material pressure                         | 224 bar        |
| Max. volumetric flow at mixing ratio 1:1  | 2.4 l/min      |
| Max. volumetric flow at mixing ratio 4:1  | 1.5 l/min      |
| Max. volumetric flow at mixing ratio 10:1 | 1.3 l/min      |
| Material temperature range                | 5 °C - 60 °C   |
| Material pH range                         | 9 pH - 3.5 pH  |
| Material inlet                            | M36x2 - M      |
| Material outlet                           | G 3/8" - M     |
| Compressed air connection                 | F - G 1/2"     |
| Air inlet pressure range                  | 5 bar - 8 bar  |

| Product variants                      | Item no. |
|---------------------------------------|----------|
| TwinControl Configurator Finishing VC | 2367761  |
| TwinControl 28-40 ABS Ex GR           | 2340468  |
| TwinControl 28-40 ABS Ex W            | 2340469  |
| TwinControl 28-40 ABS GR              | 2338992  |
| TwinControl 28-40 ABS W               | 2340470  |



### Processable materials

- Solvent-based paints (2K)
- Water-based paints (2K)
- High solid paints (2K)

### Material-wetted parts

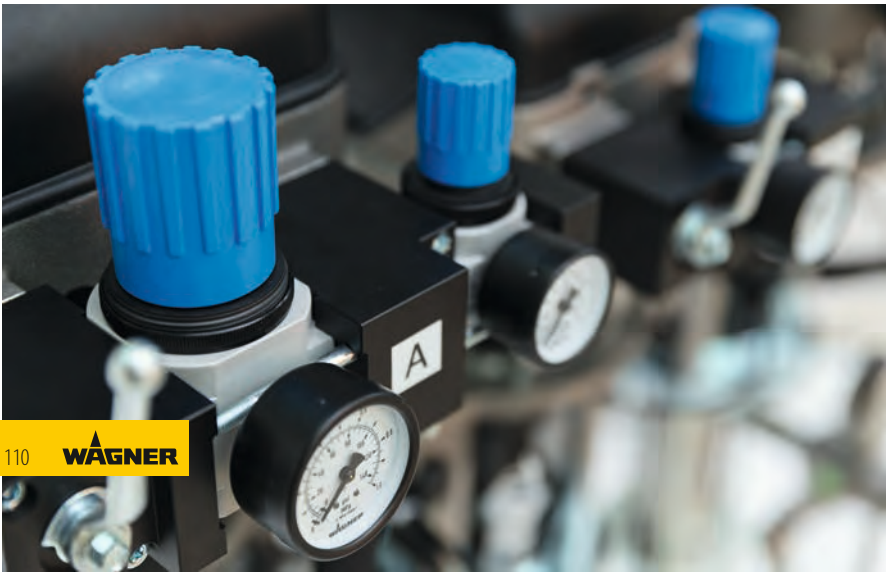
- Stainless steel
- Hard chrome
- Tungsten carbide
- Packing PE-T / PE-TG

### Scope of delivery

Premounted, tested and ready to connect to air and power supply.

### Order information

- The unit is configured according to your individual requirement.  
It will be mounted and delivered order-related.  
Please order accessories for the suction side of the pumps separately.  
EX: Atex version with turbine  
n.EX: Non-EX version with power connection  
W: Wall mount  
GR: Frame with rollers



# TwinControl 35-70

## Electronic mixing and dosing system



Electronic 2K mixing system for AirCoat applications. Different variants can be configured for different applications. Second color can be retrofitted with extension set.



| Technical data                            |                |
|---|----------------|
| Mixing ratio range                        | 0.1 :1 - 20 :1 |
| Mixing accuracy                           | 2 %            |
| Material pressure                         | 250 bar        |
| Max. volumetric flow at mixing ratio 1:1  | 4.2 l/min      |
| Max. volumetric flow at mixing ratio 4:1  | 2.6 l/min      |
| Max. volumetric flow at mixing ratio 10:1 | 2.4 l/min      |
| Material temperature range                | 5 °C - 60 °C   |
| Material pH range                         | 9 pH - 3.5 pH  |
| Material inlet                            | M36x2 - M      |
| Material outlet                           | G 3/8" - M     |
| Compressed air connection                 | F - G 1/2"     |
| Air inlet pressure range                  | 5 bar - 8 bar  |

| Product variants                      | Item no. |
|---------------------------------------|----------|
| TwinControl Configurator Finishing VC | 2367764  |
| TwinControl 35-70 ABS Ex GR           | 2338758  |
| TwinControl 35-70 ABS Ex W            | 2340471  |
| TwinControl 35-70 ABS GR              | 2339008  |
| TwinControl 35-70 ABS W               | 2340473  |

### Processable materials

- Solvent-based paints (2K)
- Water-based paints (2K)
- High solid paints (2K)

### Material-wetted parts

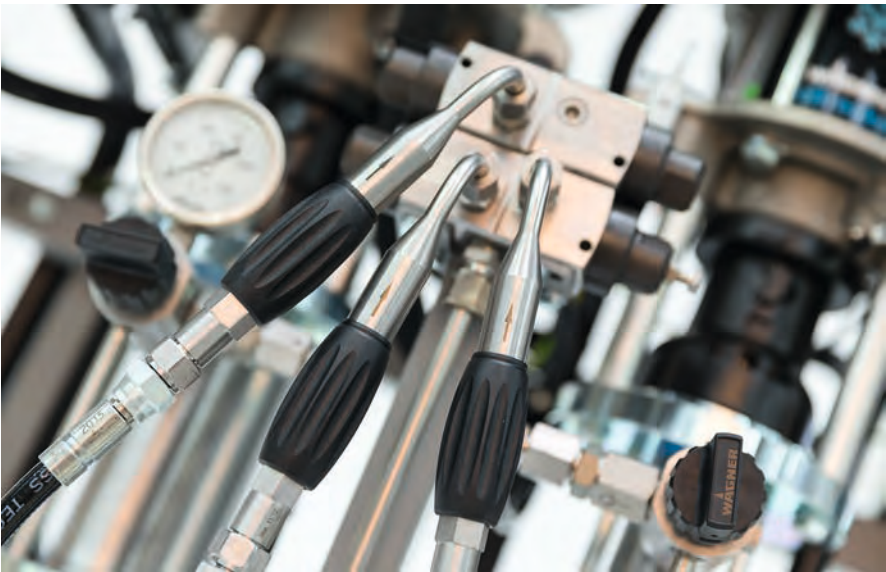
- Stainless steel
- Hard chrome
- Tungsten carbide
- Packing PE-T / PE-TG

### Scope of delivery

Premounted, tested and ready to connect to air and power supply.

### Order information

- The unit is configured according to your individual requirement.
- It will be mounted and delivered order-related.
- Please order accessories for the suction side of the pumps separately.
- GR: Frame with rollers
- W: Wall mount
- EX: Atex version with turbine





# TwinControl 35-150/35-70

## Electronic mixing and dosing system



Electronic 2K mixing system for AirCoat applications. Different variants can be configured for different applications. Second color can be retrofitted with extension set.

| Technical data                            |                |
|---|----------------|
| Mixing ratio range                        | 0.1 :1 - 20 :1 |
| Mixing accuracy                           | 2 %            |
| Material pressure                         | 250 bar        |
| Max. volumetric flow at mixing ratio 4:1  | 5.6 l/min      |
| Max. volumetric flow at mixing ratio 10:1 | 4.9 l/min      |
| Material temperature range                | 5 °C - 60 °C   |
| Material pH range                         | 9 pH - 3.5 pH  |
| Material inlet                            | M36x2 - M      |
| Material outlet                           | G 3/8" - M     |
| Compressed air connection                 | F - G 1/2"     |
| Air inlet pressure range                  | 5 bar - 8 bar  |

| Product variants                      | Item no. |
|---------------------------------------|----------|
| TwinControl 35-150/70 ABS Ex GR       | 2340474  |
| TwinControl 35-150/70 ABS Ex GR A+B E | 2339004  |
| TwinControl 35-150/70 ABS Ex Wag      | 2340476  |
| TwinControl 35-150/70 ABS GR          | 2340475  |
| TwinControl 35-150/70 ABS Wag         | 2340488  |



### Processable materials

- Solvent-based paints (2K)
- Water-based paints (2K)
- High solid paints (2K)

### Material-wetted parts

- Stainless steel
- Hard chrome
- Tungsten carbide
- Packing PE-T / PE-TG

### Scope of delivery

Premounted, tested and ready to connect to air and power supply.

### Order information

- The unit is configured according to your individual requirement.  
It will be mounted and delivered order-related.  
Please order accessories for the suction side of the pumps separately.  
EX: Atex version with turbine  
GR: Frame with rollers  
Wag: Trolley  
E: Prepared for external mixer  
A+B: Heater for A and B





# TwinControl 48-110

## Electronic mixing and dosing system



Electronic 2K mixing system for AirCoat and airless applications up to 370 bar. Different variants can be configured for different applications. Second color can be retrofitted with extension set.

| Technical data                            |                  |
|---|------------------|
| Mixing ratio range                        | 0.1 : 1 - 20 : 1 |
| Mixing accuracy                           | 2 %              |
| Material pressure                         | 370 bar          |
| Max. volumetric flow at mixing ratio 1:1  | 6.6 l/min        |
| Max. volumetric flow at mixing ratio 4:1  | 4.2 l/min        |
| Max. volumetric flow at mixing ratio 10:1 | 3.8 l/min        |
| Material temperature range                | 5 °C - 60 °C     |
| Material pH range                         | 9 pH - 3.5 pH    |
| Material inlet                            | M36x2 - M        |
| Material outlet                           | G 3/8" - M       |
| Compressed air connection                 | F - G 1/2"       |
| Air inlet pressure range                  | 5 bar - 8 bar    |

| Product variants              | Item no. |
|-------------------------------|----------|
| TwinControl 48-110 AB Ex GR   | 2340478  |
| TwinControl 48-110 AB Ex Wag  | 2340477  |
| TwinControl 48-110 ABS Ex GR  | 2339021  |
| TwinControl 48-110 ABS Ex Wag | 2340479  |
| TwinControl 48-110 ABS GR     | 2339028  |

### Processable materials

- Solvent-based paints (2K)
- Water-based paints (2K)
- High solid paints (2K)

### Material-wetted parts

- Stainless steel
- Hard chrome
- Tungsten carbide
- Packing PE-T / PE-TG

### Scope of delivery

Premounted, tested and ready to connect to air and power supply.

### Order information

- The unit is configured according to your individual requirement.  
It will be mounted and delivered order-related.  
Please order accessories for the suction side of the pumps separately.  
EX: Atex version with turbine  
n.EX: Non-EX version with power connection  
GR: Frame with rollers  
Wag: Trolley



# TwinControl PROTEC

## 95-150

Electronic mixing and dosing system



Electronic 2K mixing system for airless applications. Different variants can be configured for different applications. Second color can be retrofitted with extension set.

| Technical data                            |                |
|---|----------------|
| Mixing ratio range                        | 0.1 :1 - 10 :1 |
| Mixing accuracy                           | 2 %            |
| Material pressure                         | 530 bar        |
| Max. volumetric flow at mixing ratio 1:1  | 9 l/min        |
| Max. volumetric flow at mixing ratio 4:1  | 5.6 l/min      |
| Max. volumetric flow at mixing ratio 10:1 | 4.9 l/min      |
| Material temperature range                | 5 °C - 60 °C   |
| Material pH range                         | 9 pH - 3.5 pH  |
| Material inlet                            | G 1 1/2" - F   |
| Material outlet                           | G 1/2" - M     |
| Compressed air connection                 | F - G 1"       |
| Air inlet pressure range                  | 5 bar - 8 bar  |

| Product variants                       | Item no. |
|--|----------|
| TwinC. Protec 95-150 ABS Ex GR A+B PSV | 2340486  |
| TwinControl Protec 95-150 ABS Ex GR    | 2340480  |
| TwinControl Protec 95-150 ABS Ex Wag   | 2340484  |
| TwinControl Protec 95-150 ABS GR       | 2340482  |



Processable materials

- Solvent-based paints (2K)
- Water-based paints (2K)
- High solid paints (2K)

Material-wetted parts

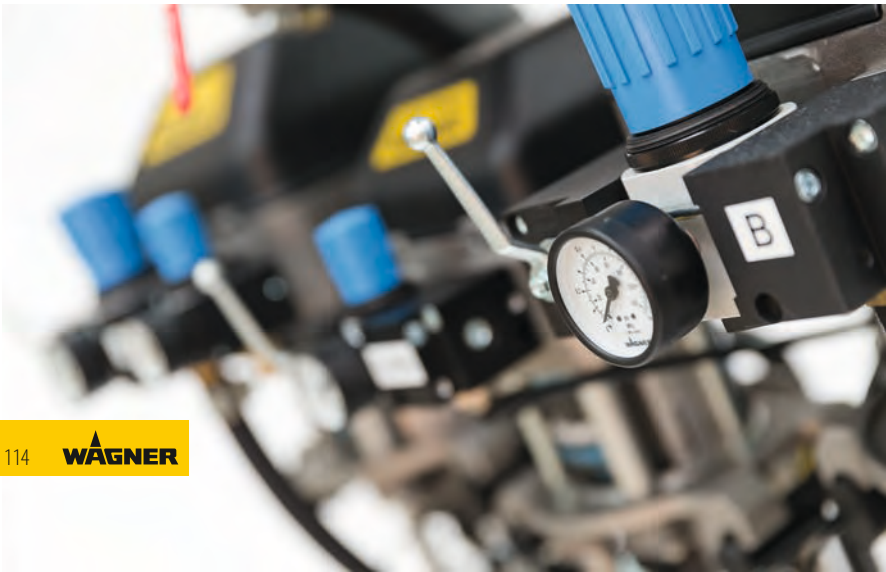
- Stainless steel
- Hard chrome
- Tungsten carbide
- Packing PE-T / PE-TG

Scope of delivery

Premounted, tested and ready to connect to air and power supply.

Order information

- The unit is configured according to your individual requirement. It will be mounted and delivered order-related. Please order accessories for the suction side of the pumps separately.
- EX: Atex version with turbine
  - n.EX: Non-EX version with power connection
  - GR: Frame with rollers
  - Wag: Trolley
  - A+B: Heater for A and B







# TwinControl PROTEC 72-200

Electronic mixing and dosing system



Electronic 2K mixing system for airless applications. Different variants can be configured for different applications. Second color can be retrofitted with extension set.

| Technical data                            |                  |
|---|------------------|
| Mixing ratio range                        | 0.1 : 1 - 10 : 1 |
| Mixing accuracy                           | 2 %              |
| Material pressure                         | 530 bar          |
| Max. volumetric flow at mixing ratio 1:1  | 12 l/min         |
| Max. volumetric flow at mixing ratio 4:1  | 7.5 l/min        |
| Max. volumetric flow at mixing ratio 10:1 | 6.6 l/min        |
| Material temperature range                | 5 °C - 60 °C     |
| Material pH range                         | 9 pH - 3.5 pH    |
| Material inlet                            | G 1 1/2" - F     |
| Material outlet                           | G 1/2" - M       |
| Compressed air connection                 | F - G 1"         |
| Air inlet pressure range                  | 5 bar - 8 bar    |

| Product variants                       | Item no. |
|--|----------|
| TwinControl Protec 72-200 ABS Ex GR    | 2345850  |
| TwinControl Protec 72-200 ABS Ex Wagen | 2345352  |

**Processable materials**

- Solvent-based paints (2K)
- Water-based paints (2K)
- High solid paints (2K)

**Material-wetted parts**

- Stainless steel
- Hard chrome
- Tungsten carbide
- Packing PE-T / PE-TG

**Scope of delivery**

Premounted, tested and ready to connect to air and power supply.

**Order information**

The unit is configured according to your individual requirement. It will be mounted and delivered order-related. Please order accessories for the suction side of the pumps separately.  
EX: Atex version with turbine  
GR: Frame with rollers  
Wag: Trolley



# TwinControl PROTEC

## 60-240

Electronic mixing and dosing system



Electronic 2K mixing system for airless applications. Different variants can be configured for different applications. Second color can be retrofitted with extension set.

| Technical data                            |                |
|---|----------------|
| Mixing ratio range                        | 0.1 :1 – 10 :1 |
| Mixing accuracy                           | 2 %            |
| Material pressure                         | 480 bar        |
| Max. volumetric flow at mixing ratio 1:1  | 14.4 l/min     |
| Max. volumetric flow at mixing ratio 4:1  | 9 l/min        |
| Max. volumetric flow at mixing ratio 10:1 | 7.9 l/min      |
| Material temperature range                | 5 °C – 60 °C   |
| Material pH range                         | 9 pH – 3.5 pH  |
| Material inlet                            | G 1 1/2" – F   |
| Material outlet                           | G 1/2" – M     |
| Compressed air connection                 | F – G 1"       |
| Air inlet pressure range                  | 5 bar – 8 bar  |

| Product variants                         | Item no. |
|--|----------|
| TwinC. Protec 60-240 ABS Ex Wag A+B PSV  | 2340382  |
| TwinControl Protec 60-240 ABS Ex GR      | 2340374  |
| TwinControl Protec 60-240 ABS Ex Wagen   | 2340377  |
| TwinControl Protec 60-240/150 ABS Ex GR  | 2340379  |
| TwinControl Protec 60-240/150 ABS Ex Wag | 2340483  |



Processable materials

- Solvent-based paints (2K)
- Water-based paints (2K)
- High solid paints (2K)

Material-wetted parts

- Stainless steel
- Hard chrome
- Tungsten carbide
- Packing PE-T / PE-TG

Scope of delivery

Premounted, tested and ready to connect to air and power supply.

Order information

- The unit is configured according to your individual requirement. It will be mounted and delivered order-related.
- Please order accessories for the suction side of the pumps separately.
- EX: Atex version with turbine
  - GR: Frame with rollers
  - Wag: Trolley
  - A+B: Heater for A and B
  - PSV: Controller for gun flush box



# Accessories TwinControl

WAGNER offers you an extensive range of accessories for the TwinControl mixing and dosing system.  
Select your required components from the table.



|   | TwinControl 5-60 | TwinControl 10-70 | TwinControl 28-40 | TwinControl 35-70 | TwinControl 35-150/35-70 | TwinControl 48-110 | TwinControl 95-150 | TwinControl 72-200 | TwinControl 60-240/150 | TwinControl 60-240 |         |
|---|------------------|-------------------|-------------------|-------------------|--------------------------|--------------------|--------------------|--------------------|------------------------|--------------------|---------|
| Suction system                                  |                  |                   |                   |                   |                          |                    |                    |                    |                        |                    |         |
| Suction hose DN16-SSst cpl.                     | ●                | ●                 | ●                 | ●                 |                          | ●                  |                    |                    |                        |                    | 2324110 |
| Suction hose DN25-SSst cpl.                     | ●                | ●                 | ●                 | ●                 | ●                        | ●                  | ●                  | ●                  | ●                      | ●                  | 2324116 |
| Suction hose DN38-PC cpl.                       |                  |                   |                   |                   |                          |                    | ●                  | ●                  | ●                      | ●                  | 2325815 |
| Fitting-EF-FM-G1 1/2-G1 1/2-PN25-TG             |                  |                   |                   |                   |                          |                    | ●                  | ●                  | ●                      | ●                  | 2329019 |
| Fitting-DF-MM-G1½" - Rd55x1/6"-PN25-CS          |                  |                   |                   |                   |                          |                    | ●                  | ●                  | ●                      | ●                  | 2336489 |
| Material pressure regulator                     |                  |                   |                   |                   |                          |                    |                    |                    |                        |                    |         |
| Flushing pressure set 8 bar                     | ●                | ●                 |                   |                   |                          |                    |                    |                    |                        |                    | 2315985 |
| Material pressure regulator set 8 bar mechan.   | ●                | ●                 |                   |                   |                          |                    |                    |                    |                        |                    | 2315994 |
| Material pressure regulator set 8 bar pneum. ET | ●                | ●                 |                   |                   |                          |                    |                    |                    |                        |                    | 2315965 |
| Extension second color                          |                  |                   |                   |                   |                          |                    |                    |                    |                        |                    |         |
| Extension set 2A-HM1-ND (TC)                    | ●                | ●                 |                   |                   |                          |                    |                    |                    |                        |                    | 2340707 |
| Extension set 2A-SM1 (TC)                       |                  |                   | ●                 | ●                 |                          |                    |                    |                    |                        |                    | 2341205 |
| Extension set 2A-HM2 (TC)                       |                  |                   |                   |                   | ●                        |                    |                    |                    |                        |                    | 2341006 |
| External mixer                                  |                  |                   |                   |                   |                          |                    |                    |                    |                        |                    |         |
| External mixer NW 4                             | ●                | ●                 |                   |                   |                          |                    |                    |                    |                        |                    | 2338298 |
| External mixer autom. NW4                       | ●                | ●                 |                   |                   |                          |                    |                    |                    |                        |                    | 2339621 |
| External mixer NW2.6                            |                  |                   | ●                 | ●                 | ●                        |                    |                    |                    |                        |                    | 2338297 |
| External mixer autom. NW2.6                     |                  |                   | ●                 | ●                 | ●                        |                    |                    |                    |                        |                    | 2339620 |
| External mixer NW 8                             |                  |                   |                   |                   |                          | ●                  | ●                  | ●                  | ●                      | ●                  | 2338300 |
| Circulation mixer NW 8 external                 |                  |                   |                   |                   |                          | ●                  | ●                  | ●                  | ●                      | ●                  | 2338301 |
| Heater set                                      |                  |                   |                   |                   |                          |                    |                    |                    |                        |                    |         |
| Heater set A,B TC to 35-150                     | ●                | ●                 | ●                 | ●                 | ●                        |                    |                    |                    |                        |                    | 2338290 |
| Heater set A,B TC 48-110 to 72-200              |                  |                   |                   |                   |                          | ●                  | ●                  | ●                  | ●                      |                    | 2338294 |
| Heater set A,B TC trolley 95-150 to 72-200      |                  |                   |                   |                   |                          |                    | ●                  | ●                  | ●                      |                    | 2338293 |
| Heater set B trolley TC 60-240                  |                  |                   |                   |                   |                          |                    |                    |                    |                        | ●                  | 2340907 |
| Heater set B TC 60-240                          |                  |                   |                   |                   |                          |                    |                    |                    |                        | ●                  | 2340906 |
| Other accessories                               |                  |                   |                   |                   |                          |                    |                    |                    |                        |                    |         |
| Gun distributor NW2.6 TC PN 270 bar             | ●                | ●                 | ●                 | ●                 | ●                        |                    |                    |                    |                        |                    | 2338302 |
| Gun distributor NW4 TC PN 100 bar               | ●                | ●                 |                   |                   |                          |                    |                    |                    |                        |                    | 2338303 |
| Remote control cpl. TwinControl electrostatic   | ●                | ●                 | ●                 | ●                 | ●                        |                    |                    |                    |                        |                    | 2313533 |
| Set external horn                               | ●                | ●                 | ●                 | ●                 | ●                        | ●                  | ●                  | ●                  | ●                      | ●                  | 2312343 |
| Extension set controler TwinControl             | ●                | ●                 | ●                 | ●                 | ●                        | ●                  | ●                  | ●                  | ●                      | ●                  | 2320609 |
| Remote control TC incl. cable 15 m              | ●                | ●                 | ●                 | ●                 | ●                        | ●                  | ●                  | ●                  | ●                      | ●                  | 2308874 |
| Cable remote control                            | ●                | ●                 | ●                 | ●                 | ●                        | ●                  | ●                  | ●                  | ●                      | ●                  | 2308879 |
| Archive software Twindata Ethernet              | ●                | ●                 | ●                 | ●                 | ●                        | ●                  | ●                  | ●                  | ●                      | ●                  | 2317812 |
| Archive software Twindata RS-232                | ●                | ●                 | ●                 | ●                 | ●                        | ●                  | ●                  | ●                  | ●                      | ●                  | 2317811 |
| Archive software Twindata USB                   | ●                | ●                 | ●                 | ●                 | ●                        | ●                  | ●                  | ●                  | ●                      | ●                  | 2309015 |

# 2K Smart / 2K COMFORT mixing & dosing systems

The WAGNER 2K mixing and dosing systems 2K Smart and 2K COMFORT are the ideal solution for meeting the requirements for high-precision mixture ratios and homogeneity, fast paint changes, complex 2K or 3K applications and complete automation. 2K Smart offers an almost unlimited number of options for use and the integration of peripheral devices (e.g. robots, conveyors or automated lines). Precise measurement and control technology, as well as different monitoring systems ensure high process safety.



| Application                       |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|
| Finishing airspray                | ● | ● | ● | ● | ● |
| Finishing AirCoat/airless         | ● | ● | ● | ● | ● |
| Finishing heavy duty (e.g. ACE-T) |   |   | ● | ● | ● |
| Protective Coating                |   |   |   |   | ● |

| Processable material    |   |   |   |   |   |
|-------------------------|---|---|---|---|---|
| Solvent-based materials | ● | ● | ● | ● | ● |
| Water-based materials   | ● | ● | ● | ● | ● |
| 2K                      | ● | ● | ● | ● | ● |
| 3K                      | ● | ● | ● | ● | ● |
| 4K                      |   |   | ● |   | ● |

| Max. no. of components |   |   |    |                |    |
|------------------------|---|---|----|----------------|----|
| A component            | 5 | 4 | 25 | 10 per circuit | 10 |
| B component            | 2 | 2 | 10 | 5 per circuit  | 5  |
| C component            | 1 | 1 | 10 | 5 per circuit  | 5  |
| D component            | - | - | 10 | -              | 5  |

| Material pressure max (static) |   |   |   |   |   |
|--------------------------------|---|---|---|---|---|
| 250 bar                        | ● | ● |   |   |   |
| 325 bar                        |   |   | ● | ● |   |
| 530 bar                        |   |   |   |   | ● |

| Volumetric flow               |   |   |   |   |    |
|-------------------------------|---|---|---|---|----|
| Volumetric flow max. in l/min | 3 | 3 | 7 | 7 | 25 |

| Mixing technology               |   |   |   |   |   |
|---------------------------------|---|---|---|---|---|
| Standard injection              | ● | ● | ● | ● | ● |
| Adaptive Injection System (AIS) | ● | ● | ● | ● | ● |



# 2K Smart

## Electronic mixing and dosing system



Electronic mixing system for up to five colors and three components. Adaptable to different applications through flexible configuration. High process stability, constant mixing conditions, easy integration.

| Technical data                 |                   |
|--------------------------------|-------------------|
| Mixing ratio range             | 0.1 : 1 - 50 : 1  |
| Mixing accuracy                | 1 %               |
| Material pressure              | 0.5 bar - 250 bar |
| Possible number A - Components | 1 - 5             |
| Possible number B - Components | 1                 |
| Possible number A - Cleaner    | 2                 |
| Material temperature range     | 5 °C - 60 °C      |
| Material pH range              | 9 pH - 3.5 pH     |
| Material inlet                 | G 1/4" - M        |
| Material outlet                | G 1/4" - M        |
| Length                         | 340 mm            |
| Width                          | 757 mm            |
| Height                         | 1,425 mm          |

| Product variants | Item no. |
|------------------|----------|
| 2K Smart VC      | 2374716  |

### Processable materials

- Solvent-based paints (2K and 3K)
- Water-based paints (2K and 3K)
- High solid paints (2K and 3K)

### Material-wetted parts

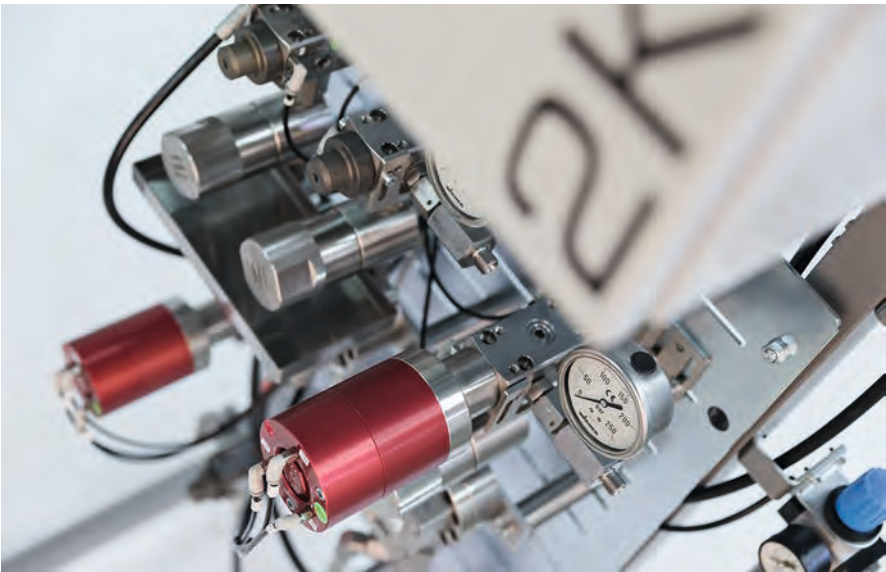
- Stainless steel
- FEP
- Tungsten carbide
- PE
- PA

### Scope of delivery

Mixing unit and USB stick with all manuals (unit and software), spare part catalogue and 2K data software.

### Order information

The unit is configured according to your individual requirement. It will be mounted and delivered order-related.



# 2K Smart C

## Electronic mixing and dosing system



Complete, individually configurable solution for the ready-to-spray preparation of multi-component paints. The system includes not only the mixing unit, but also material supply and preparation. The effort for assembly and commissioning of this complete system is significantly reduced by the pre-installed components.



| Technical data                 |                |
|--------------------------------|----------------|
| Mixing ratio range             | 0.1 :1 – 50 :1 |
| Possible number A – Components | 1 – 4          |
| Possible number B – Components | 1              |
| Possible number A – Cleaner    | 1              |
| Material temperature range     | 5 °C – 60 °C   |
| Material pH range              | 3.5 pH – 9 pH  |
| Material outlet                | G 1/4" – M     |
| Air inlet pressure range       | 7 bar – 8 bar  |

| Product variants | Item no. |
|------------------|----------|
| 2K Smart C VC    | 2400967  |

Processable materials

- Solvent-based paints (2K and 3K)
- Water-based paints (2K and 3K)
- High-Solid-paints (2K and 3K)

Material-wetted parts

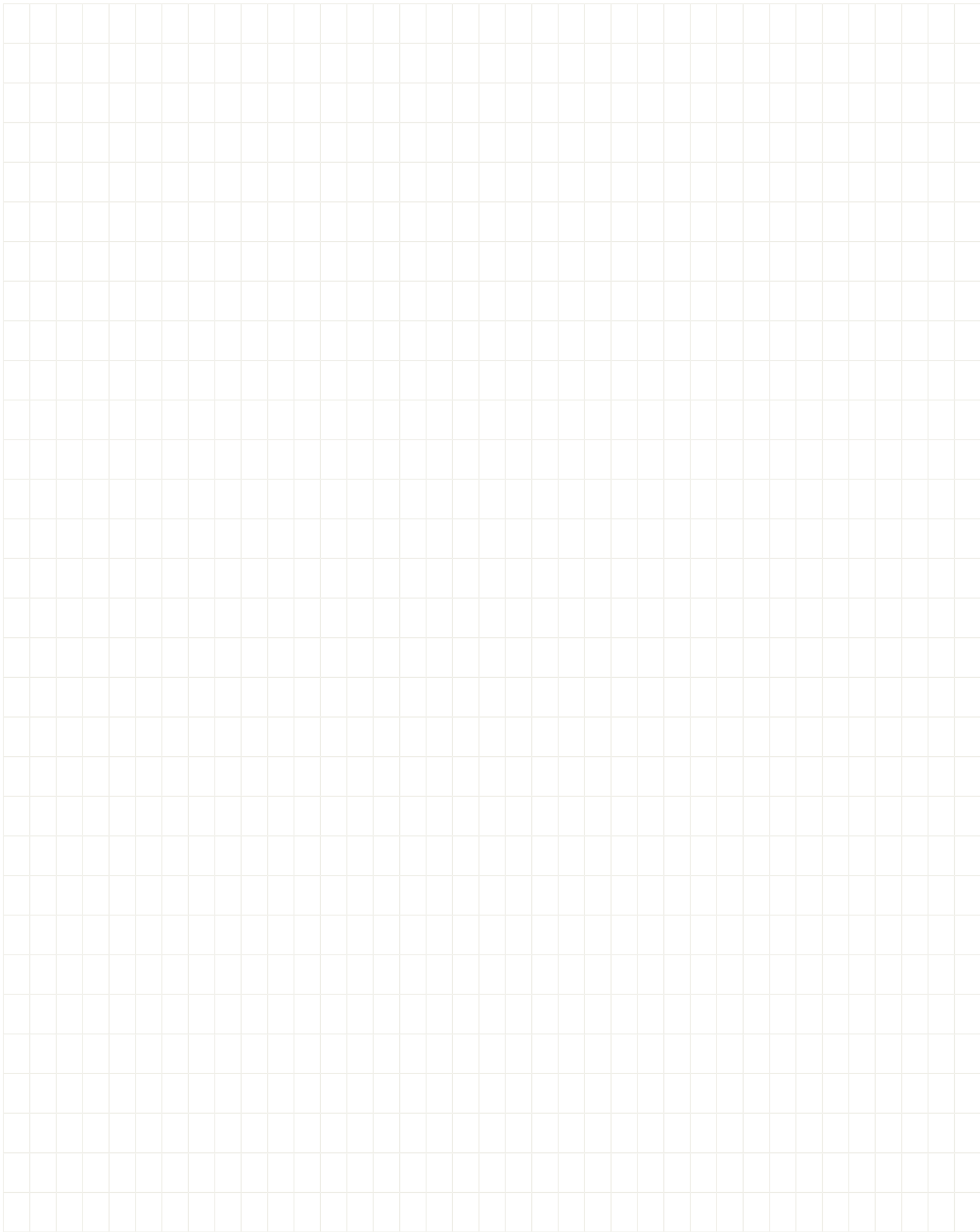
- Stainless steel
- FEP
- Tungsten carbide
- PE
- POM
- PTFE
- PA

Scope of delivery

Premounted, tested and ready to connect to air and power supply.

Order information

The unit is configured according to your individual requirement.  
It will be mounted and delivered order-related.





# 2K COMFORT

## Electronic mixing and dosing system



Electronic mixing system for up to 25 colors and four components. Adaptable to different applications through flexible configuration. High process stability, constant mixing conditions, easy integration.

| Technical data                 |                 |
|--------------------------------|-----------------|
| Mixing ratio range             | 0.1 :1 - 50 :1  |
| Mixing accuracy                | 1 %             |
| Material pressure              | 1 bar - 325 bar |
| Possible number A - Components | 1 - 25          |
| Possible number B - Components | 1               |
| Possible number A - Cleaner    | 1 - 10          |
| Possible number D - Cleaner    | 5               |
| Material temperature range     | 5 °C - 60 °C    |
| Material pH range              | 9 pH - 3.5 pH   |
| Material inlet                 | G 1/4" - M      |
| Material outlet                | G 1/4" - M      |

| Product variants | Item no. |
|------------------|----------|
| 2K COMFORT VC    | 2357336  |



### Processable materials

High solid paints (2K, 3K and 4K)  
Solvent-based paints (2K, 3K and 4K)  
Water-based paints (2K, 3K and 4K)

### Material-wetted parts

Stainless steel  
Tungsten carbide

### Scope of delivery

Mixing unit and USB stick with all manuals (unit and software),  
spare part catalogue and 2K data software.

### Order information

The unit is configured according to your individual requirement.  
It will be mounted and delivered order-related.



# 2K COMFORT 2-circuit

## Electronic mixing and dosing system



Electronic mixing system for up to ten colors and three components. Two separate, indepently working fluid circuits, e.g. for processing incompatible paint systems or the independent supply of two paint booths.

| Technical data                 |                  |
|--------------------------------|------------------|
| Mixing ratio range             | 0.1 : 1 - 50 : 1 |
| Mixing accuracy                | 1 %              |
| Material pressure              | 1 bar - 325 bar  |
| Possible number A - Components | 2 - 10           |
| Possible number B - Components | 1                |
| Possible number A - Cleaner    | 1 - 5            |
| Material temperature range     | 5 °C - 60 °C     |
| Material pH range              | 9 pH - 3.5 pH    |
| Material inlet                 | G 1/4"           |
| Material outlet                | NPS 1/4"         |

| Product variants | Item no. |
|------------------|----------|
| 2K COMFORT VC    | 2364668  |

### Processable materials

- High solid paints (2K and 3K)
- Solvent-based paints (2K and 3K)
- Water-based paints (2K and 3K)

### Material-wetted parts

- Stainless steel
- Tungsten carbide

### Scope of delivery

Mixing unit and USB stick with all manuals (unit and software), spare part catalogue and 2K data software.

### Order information

The unit is configured according to your individual requirement. It will be mounted and delivered order-related. Technical data on components and flushing agents refer to one circuit each.



# 2K COMFORT XL

## Electronic mixing and dosing system



Electronic mixing system for up to ten colors and four components. For applications with high flow rates and material pressure of up to 530 bar. Adaptable to different applications through flexible configuration.

| Technical data                 |                   |
|--------------------------------|-------------------|
| Mixing ratio range             | 0.1 :1 – 50 :1    |
| Mixing accuracy                | 2 %               |
| Material pressure              | 0.5 bar – 530 bar |
| Possible number A – Components | 1 – 10            |
| Possible number B – Components | 1 – 5             |
| Possible number C – Components | 0 – 5             |
| Possible number D – Components | 0 – 5             |
| Possible number A – Cleaner    | 0 – 1             |
| Possible number B – Cleaner    | 0 – 1             |
| Possible number C – Cleaner    | 0 – 1             |
| Possible number D – Cleaner    | 0 – 1             |
| Material temperature range     | 5 °C – 60 °C      |
| Material pH range              | 9 pH – 3.5 pH     |
| Material inlet                 | G 3/8" – M        |
| Material outlet                | G 3/8" – M        |

| Product variants | Item no. |
|------------------|----------|
| 2K COMFORT XL    | 2357342  |



### Processable materials

- High solid paints (2K, 3K and 4K)
- Solvent-based paints (2K, 3K and 4K)
- Water-based paints (2K, 3K and 4K)

### Material-wetted parts

- Stainless steel
- Tungsten carbide
- PTFE
- PE

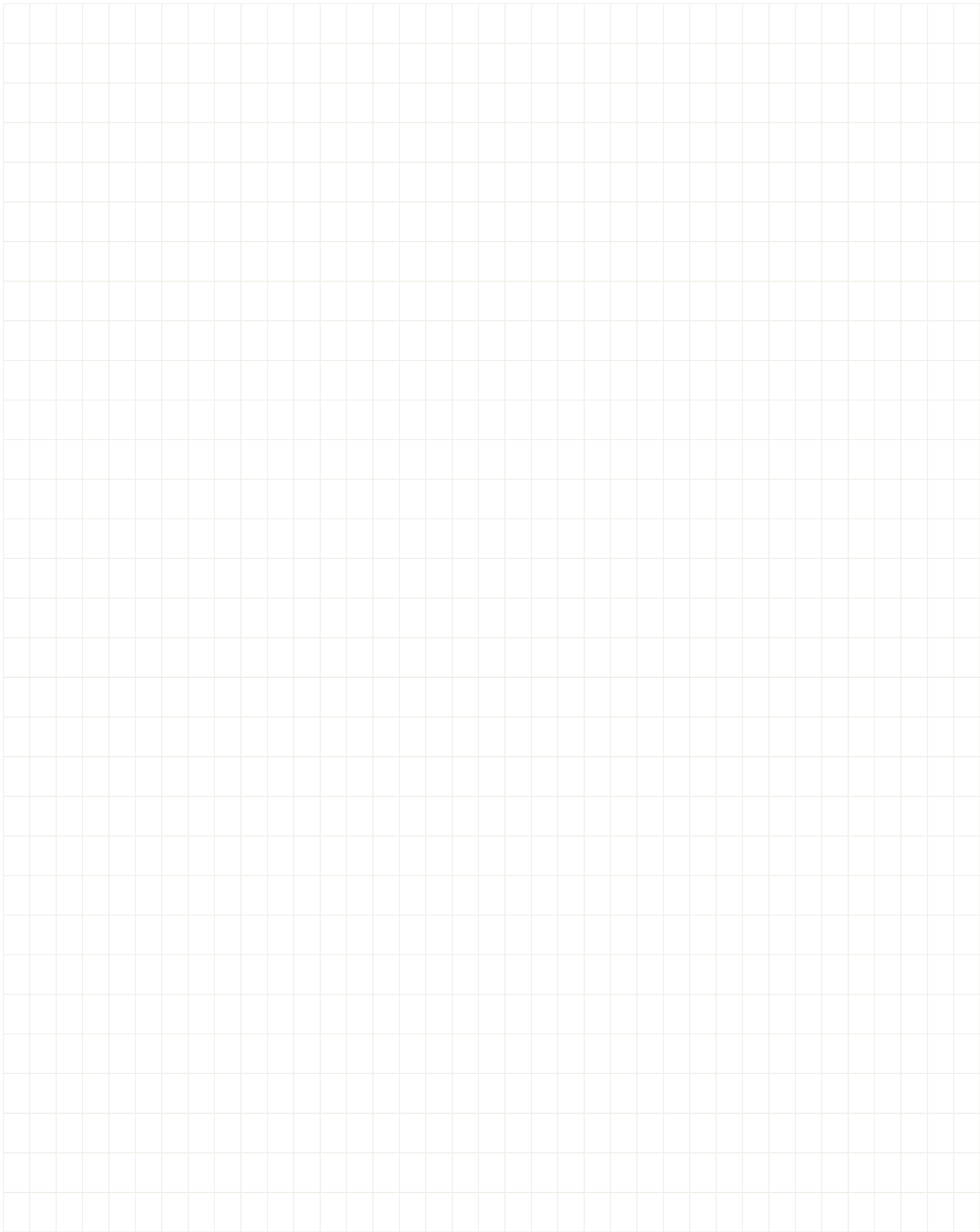
### Scope of delivery

Mixing unit and USB stick with all manuals (unit and software), spare part catalogue and 2K data software.

### Order information

The unit is configured according to your individual requirement. It will be mounted and delivered order-related.





# Cobra 2 component

## Mixing and dosing system



1:1 Mixing pump for polyester applications, AirCoat up to 250 bar and 2 l/min.



| Technical data                    |                        |
|-----------------------------------|------------------------|
| Mixing ratio fixed                | 1 : 1                  |
| Mixing accuracy                   | 10 %                   |
| Material pressure                 | 250 bar                |
| Volumetric flow per double stroke | 10 cm <sup>3</sup> /DS |
| Max. stroke rate                  | 200 DS/min             |
| Material temperature range        | 10 °C - 80 °C          |
| Material pH range                 | 9 pH - 3.5 pH          |
| Compressed air connection         | G 1/2"                 |
| Air inlet pressure range          | 2.5 bar - 6 bar        |
| Weight                            | 36,000 g               |

| Product variants       | Item no.  |
|------------------------|-----------|
| Cobra 2K on base frame | U850.00S  |
| Cobra 2K on base frame | U850.00SA |
| Cobra 2K on trolley    | U850.00CA |

Processable materials

Polyester

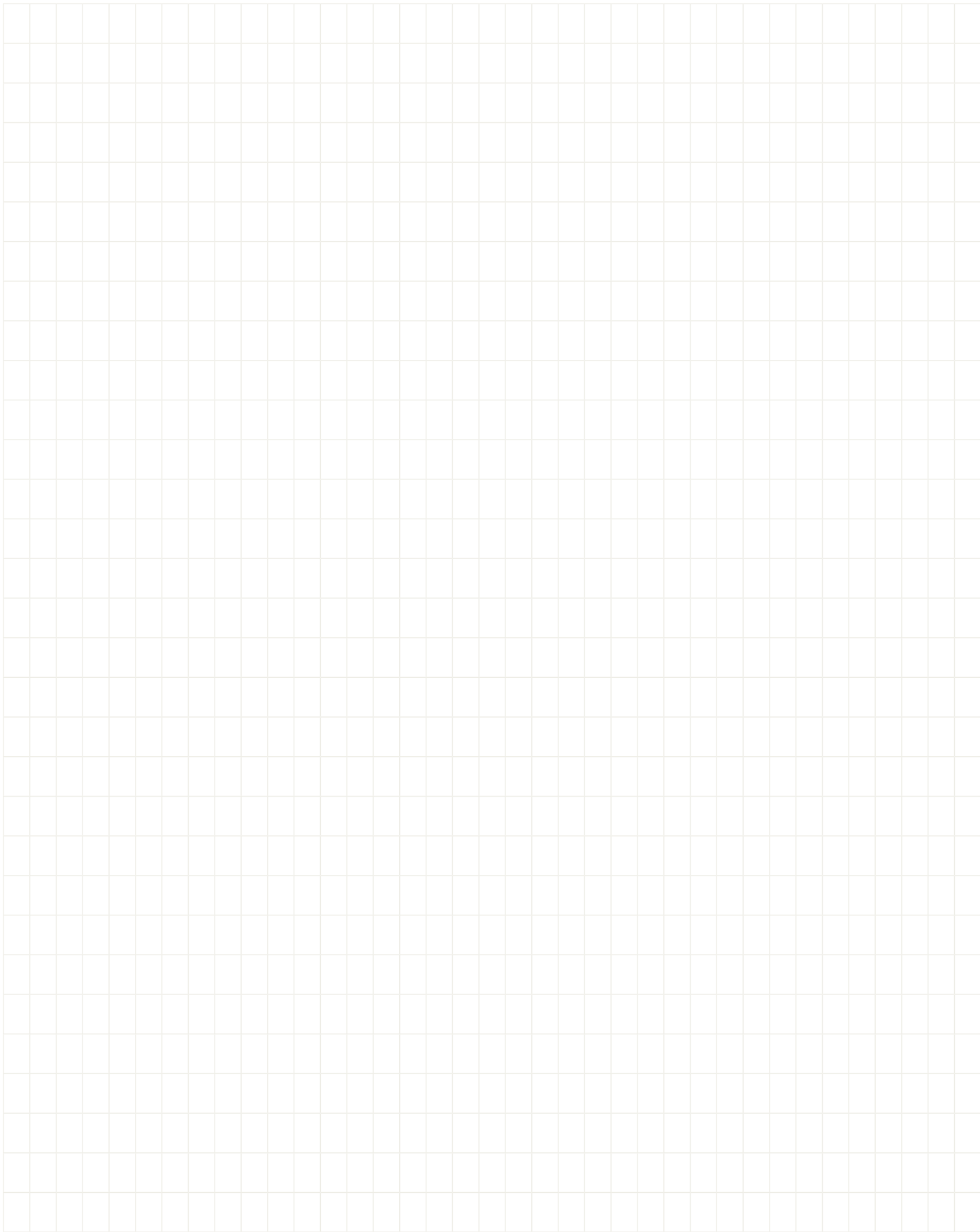
Material-wetted parts

- Nickel plated)
- Stainless steel
- Stainless steel 1.4104
- Tungsten carbide

Order information

Suction hoses and additional accessories round out the accessories range.







# PROTEC 2K 75-150/38

## Mechanical mixing system



Mechanical 2K system for processing heavy corrosion protection paints and primers. Mixing ratio of 4:1, up to 500 bar and 5.7 l/min. With flushing pump and heater sets as options.

| Technical data                    |                         |
|-----------------------------------|-------------------------|
| Mixing ratio fixed                | 4 : 1                   |
| Material pressure                 | 500 bar                 |
| Volumetric flow per double stroke | 188 cm <sup>3</sup> /DS |
| Max. stroke rate                  | 30 DS/min               |
| Material temperature range        | 5 °C - 80 °C            |
| Material pH range                 | 9 pH - 3.5 pH           |
| Material outlet                   | G 3/8" - M              |
| Air inlet pressure range          | 1.5 bar - 6.5 bar       |
| Sound level at 6 bar air pressure | 80 dB(A)                |

| Product variants               | Item no. |
|--------------------------------|----------|
| PROTEC 2K75-150/38             | 2350376  |
| PROTEC 2K75-150/38 GM1         | 2352859  |
| PROTEC 2K75-150/38 GM1 flushp. | 2352862  |
| PROTEC 2K75-150/38 flushp.     | 2352858  |



### Processable materials

Water-based paints (2K)  
Solvent-based paints (2K)  
High solid paints (2K)

### Material-wetted parts

Stainless steel  
Tungsten carbide  
PE  
PTFE  
Zinc-plated steel

### Scope of delivery

Basic unit with container  
Depending on spraypack: Flushing pump and airless spray gun

### Order information

Heater sets available as accessories contain all the parts needed for attachment for one component.  
Basic unit without flushing pump.  
Flushing pump set with all the parts needed for commissioning.





# PROTEC 2K 70-150/50

## Mechanical mixing system



Mechanical 2K system for processing heavy corrosion protection paints and primers. Mixing ratio of 3:1, up to 465 bar and 6.0 l/min. With flushing pump and heater sets as options.

| Technical data                    |                         |
|-----------------------------------|-------------------------|
| Mixing ratio fixed                | 3 :1                    |
| Material pressure                 | 465 bar                 |
| Volumetric flow per double stroke | 200 cm <sup>3</sup> /DS |
| Max. stroke rate                  | 30 DS/min               |
| Material temperature range        | 5 °C - 80 °C            |
| Material pH range                 | 9 pH - 3.5 pH           |
| Material outlet                   | G 3/8" - M              |
| Air inlet pressure range          | 1.5 bar - 6.5 bar       |
| Sound level at 6 bar air pressure | 80 dB(A)                |

| Product variants               | Item no. |
|--------------------------------|----------|
| PROTEC 2K70-150/50             | 2350375  |
| PROTEC 2K70-150/50 GM1         | 2352864  |
| PROTEC 2K70-150/50 GM1 flushp. | 2352865  |
| PROTEC 2K70-150/50 flushp.     | 2352863  |

### Processable materials

- Water-based paints (2K)
- Solvent-based paints (2K)
- High solid paints (2K)

### Material-wetted parts

- Stainless steel
- Tungsten carbide
- PE
- PTFE
- Zinc-plated steel

### Scope of delivery

- Basic unit with container
- Depending on spraypack: Flushing pump and airless spray gun

### Order information

- Heater sets available as accessories contain all the parts needed for attachment for one component.
- Basic unit without flushing pump.
- Flushing pump set with all the parts needed for commissioning.



# PROTEC 2K 64-150/75

## Mechanical mixing system



Mechanical 2K system for processing heavy corrosion protection paints and primers. Mixing ratio of 2:1, up to 415 bar and 6.8 l/min. With flushing pump and heater sets as options.

| Technical data                    |                         |
|-----------------------------------|-------------------------|
| Mixing ratio fixed                | 2 : 1                   |
| Material pressure                 | 415 bar                 |
| Volumetric flow per double stroke | 225 cm <sup>3</sup> /DS |
| Max. stroke rate                  | 30 DS/min               |
| Material temperature range        | 5 °C - 80 °C            |
| Material pH range                 | 9 pH - 3.5 pH           |
| Material outlet                   | G 3/8" - M              |
| Air inlet pressure range          | 1.5 bar - 6.5 bar       |
| Sound level at 6 bar air pressure | 80 dB(A)                |

| Product variants               | Item no. |
|--------------------------------|----------|
| PROTEC 2K64-150/75             | 2350374  |
| PROTEC 2K64-150/75 GM1         | 2352867  |
| PROTEC 2K64-150/75 GM1 flushp. | 2352868  |
| PROTEC 2K64-150/75 flushp.     | 2352866  |



### Processable materials

- Water-based paints (2K)
- Solvent-based paints (2K)
- High solid paints (2K)

### Material-wetted parts

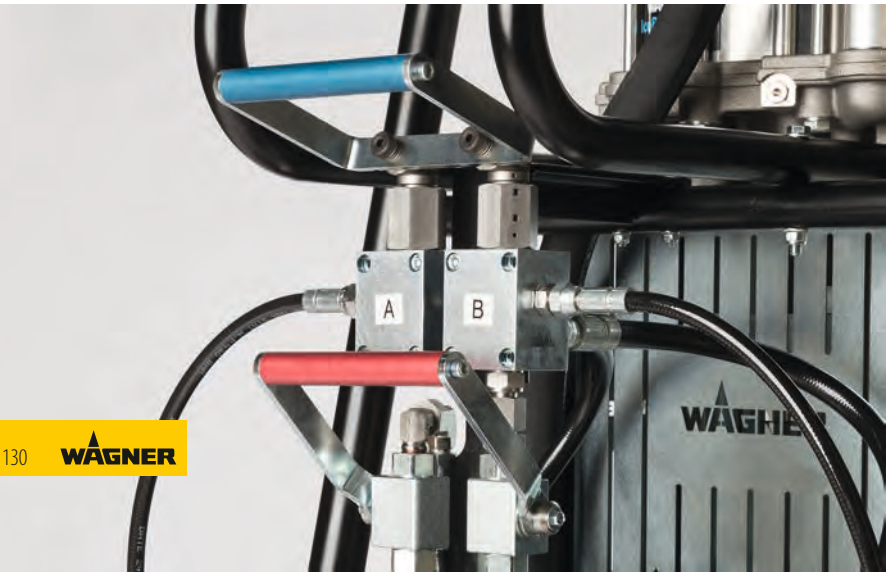
- Stainless steel
- Tungsten carbide
- PE
- PTFE
- Zinc-plated steel

### Scope of delivery

- Basic unit with container
- Depending on spraypack: Flushing pump and airless spray gun

### Order information

- Heater sets available as accessories contain all the parts needed for attachment for one component.
- Basic unit without flushing pump.
- Flushing pump set with all the parts needed for commissioning.



# PROTEC 2K 65-110/110

## Mechanical mixing system



Mechanical 2K system for processing heavy corrosion protection paints and primers. Mixing ratio of 1:1, up to 420 bar and 6.6 l/min. With flushing pump and heater sets as options.

| Technical data                    |                         |
|-----------------------------------|-------------------------|
| Mixing ratio fixed                | 1 :1                    |
| Material pressure                 | 420 bar                 |
| Volumetric flow per double stroke | 220 cm <sup>3</sup> /DS |
| Max. stroke rate                  | 30 DS/min               |
| Material temperature range        | 5 °C - 80 °C            |
| Material pH range                 | 9 pH - 3.5 pH           |
| Material outlet                   | G 3/8" - M              |
| Air inlet pressure range          | 1.5 bar - 6.5 bar       |
| Sound level at 6 bar air pressure | 80 dB(A)                |

| Product variants                | Item no. |
|---------------------------------|----------|
| PROTEC 2K65-110/110             | 2350373  |
| PROTEC 2K65-110/110 GM1         | 2352870  |
| PROTEC 2K65-110/110 GM1 flushp. | 2352871  |
| PROTEC 2K65-110/110 flushp.     | 2352869  |

### Processable materials

- Water-based paints (2K)
- Solvent-based paints (2K)
- High solid paints (2K)

### Material-wetted parts

- Stainless steel
- Tungsten carbide
- PE
- PTFE
- Zinc-plated steel

### Scope of delivery

- Basic unit with container
- Depending on spraypack: Flushing pump and airless spray gun

### Order information

- Heater sets available as accessories contain all the parts needed for attachment for one component.
- Basic unit without flushing pump.
- Flushing pump set with all the parts needed for commissioning.



# Accessories PROTEC 2K

WAGNER offers you an extensive range of accessories for the PROTEC 2K mixing system.  
Select your required components from the table.

|  | PROTEC 2K 75-150/38 | PROTEC 2K 70-150/50 | PROTEC 2K6 4-150/75 | PROTEC 2K 65-110/110 |         |
|--|---------------------|---------------------|---------------------|----------------------|---------|
| Paint section A                            |                     |                     |                     |                      |         |
| Paint section A 150 PE/TG 2K               | ●                   | ●                   | ●                   | ●                    | 2352830 |
| Paint section A 110 PE/T 2K                | ●                   | ●                   | ●                   | ●                    | 2352829 |
| Paint section B                            |                     |                     |                     |                      |         |
| Paint section B 38 PE/T 2K                 | ●                   | ●                   | ●                   | ●                    | 2352825 |
| Paint section B 50 PE/T 2K                 | ●                   | ●                   | ●                   | ●                    | 2352826 |
| Paint section B 75 PE/T 2K                 | ●                   | ●                   | ●                   | ●                    | 2352827 |
| Paint section B 110 PE/T 2K                | ●                   | ●                   | ●                   | ●                    | 2353639 |
| Flushing pump                              |                     |                     |                     |                      |         |
| Set flushing pump 35-70 2K PC              | ●                   | ●                   | ●                   | ●                    | 2352831 |
| Material hose airless                      |                     |                     |                     |                      |         |
| Fitting-DF-MM-1/4NPSM-3/8NPSM-530bar-SSt   | ●                   | ●                   | ●                   | ●                    | 367561  |
| Heater set                                 |                     |                     |                     |                      |         |
| Heater set B 2K PC                         | ●                   | ●                   | ●                   | ●                    | 2352832 |
| Service sets                               |                     |                     |                     |                      |         |
| Service set paint section B 38cc PE+T      | ●                   |                     |                     |                      | 2353097 |
| Service set air motor 10"                  | ●                   | ●                   | ●                   | ●                    | 2353088 |
| Service set paint section 70/150 ccm PE+TG | ●                   | ●                   | ●                   |                      | 368990  |
| Service set paint section B 50cc PE+T      |                     | ●                   |                     |                      | 2353098 |
| Service set paint section B 75cc PE+T      |                     |                     | ●                   |                      | 2353099 |
| Service set paint section 110 ccm PE+TG    |                     |                     |                     | ●                    | 368997  |
| Other accessories                          |                     |                     |                     |                      |         |
| Set external mixer 2K PC                   | ●                   | ●                   | ●                   | ●                    | 2353092 |
| Set throttle valve                         | ●                   | ●                   | ●                   |                      | 2365045 |
| Set circulation A3/8 B3/8 2K PC            | ●                   | ●                   | ●                   |                      | 2365243 |
| Set circulation A3/8 B1/4 2K PC            |                     |                     |                     | ●                    | 2362987 |



# Strong performance for outstanding results.



## 136

### Material pressure tanks

The use of material pressure tanks is suitable when large areas have to be coated or continuous spraying work has to be carried out. The great advantage is the completely pulsation-free material flow, which leads to optimum spraying results. In addition, conventional air atomizing spraying and a material supply with material pressure tanks eliminate the time-consuming refilling of gravity and pressure cups. Material pressure tanks are particularly suitable for use with abrasive materials.



## 146

### Finishing low-pressure diaphragm pumps

These pumps are the perfect solution for continuous material feeding in manual and automatic airspray applications. They process both simple coating materials and highly viscous, shear-sensitive, thixotropic or heat-sensitive materials.

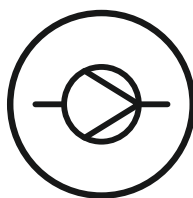


## 152

### Finishing piston and diaphragm pumps

Longevity, high reliability and versatility – these are the outstanding characteristics of WAGNER finishing pumps. They are ideally suited for the entire spectrum of industrial applications, from small businesses to large industrial plants. Thanks to their user-friendliness and easy maintenance, they optimize coating processes and reduce running costs.





## Feeding

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



# 168

### Protective Coating piston pumps

WAGNER Protective Coating piston pumps are ideally suited for thick-film corrosion protection – even with extensive coating and multi-gun applications. A consistent solution for extreme challenges, even under demanding operating conditions. The pumps are robust, reliable and easy to maintain in daily use.



# 174

### Low-pressure diaphragm pumps for material feeding

Pneumatic double diaphragm pumps have been specially designed to reduce air consumption while maintaining high performance and reliability. They are used in the application of corrosive, abrasive and highly viscous liquid media.



# 184

### Low-pressure piston pumps for material feeding

WAGNER IceBreaker low-pressure piston pumps are the ideal solution for reliable and low-maintenance paint supply systems of all sizes. The powerful and energy-saving air motors always have sufficient power reserves even with large material flows. They work completely ice-free – even and especially in continuous operation.



# Material pressure tanks

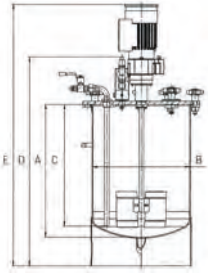
The use of material pressure tanks is suggested when coating large surface areas and performing continuous spraying work. The greatest advantage of pressure tanks is that the material flow is absolutely free of pulsation, which leads to excellent spraying results. Furthermore, there is no more time-consuming refilling of gravity feed and pressure cups for all conventional air atomizing guns and material supply with material pressure containers. Pressure tanks are ideal for use with abrasive materials, as they have virtually no wear parts. They are also very suitable for shear-sensitive materials. Customer-specific pressure tank solutions are available on request.



| Characteristics                                 |   |   |   |  |
|---|---|---|---|--|
| Stainless steel version                         | ● | ● | ● |  |
| Galvanized steel version                        |   |   |   |  |
| Material pressure range -1 bar up to +6 bar     | ● | ● | ● |  |
| Pulsation-free material feeding                 | ● | ● | ● |  |
| No material shearing                            | ● | ● | ● |  |
| Self-filling by vacuum                          |   |   |   |  |
| Conveying out of delivery container             | ● | ● | ● |  |
| Modularly expandable                            |   |   |   |  |
| Inliner plastic (polypropylene, Atex)           | ● | ● |   |  |
| Inliner optionally stainless steel / galvanized |   |   |   |  |

| Processable material        |   |   |   |  |
|-----------------------------|---|---|---|--|
| Water-based materials       | ● | ● | ● |  |
| Solvent-based materials     | ● | ● | ● |  |
| UV-sensitive material       | ● | ● | ● |  |
| Shear-sensitive material    | ● | ● | ● |  |
| Moisture-sensitive material | ● | ● | ● |  |

| Agitators  |                         |                         |                         |  |
|--|-------------------------|-------------------------|-------------------------|--|
| Without agitator (ORW)   | ●                       | ●                       | ●                       |  |
| Manual agitator (HRW)  | ●                       | ●                       | ●                       |  |
| Compressed air operated (DRW)*  | 0.16 kW, max. 400 1/min | 0.36 kW, max. 200 1/min | 0.36 kW, max. 200 1/min |  |
| Electrically operated (ERW)*    | -                       | 0.12 kW, 60 1/min       | 0.12 kW, 60 1/min       |  |

| Dimensions                               |   |           |           |           |
|--|---|-----------|-----------|-----------|
| Volume / Net capacity in litres          |  | 4.9 / 3.5 | 11.4 / 9  | 18 / 15   |
| Inner height <b>A</b> (in mm)            |   | 196       | 251       | 341       |
| Inner diameter <b>B</b> (in mm)          |   | 183       | 232       | 269       |
| Riser tube <b>C</b> (in mm)              |   | -         | 233       | 305       |
| Material connection top                  |   | 1/4"      | 1/4"      | 3/8"      |
| Material connection bottom               |   | 1/2"      | 1/2"      | 1"        |
| Total height with ORW** <b>D</b> (in mm) |   | 381 / 414 | 445 / 481 | 524 / 604 |
| Total height with HRW** <b>E</b> (in mm) |   | 538 / 568 | 592 / 624 | 681 / 757 |
| Total height DRW** <b>E</b> (in mm)      |   | 388 / 416 | 515 / 547 | 604 / 680 |
| Total height ERW** <b>E</b> (in mm)      |   |           | 659 / 691 | 748 / 824 |

\* also available in non ATEX      \*\*Material connection or outlet: top / bottom  
Other tank designs with additional bores, sleeves, level probes etc. are available on request



MDG 2



MDG 12



MDG 22



MDG 45



MDG 60

|  |   |   |   |   |   |
|--|---|---|---|---|---|
|  | ● | ● | ● | ● | ● |
|  | ● | ● | ● | ● | ● |
|  | ● | ● | ● | ● | ● |
|  | ● | ● | ● | ● | ● |
|  | ● | ● | ● | ● | ● |
|  | ● | ● | ● | ● | ● |
|  | ● | ● | ● | ● | ● |
|  | ● | ● | ● | ● | ● |
|  |   |   |   |   |   |
|  |   | ● | ● | ● | ● |

|  |   |   |   |   |   |
|--|---|---|---|---|---|
|  | ● | ● | ● | ● | ● |
|  | ● | ● | ● | ● | ● |
|  | ● | ● | ● | ● | ● |
|  | ● | ● | ● | ● | ● |
|  | ● | ● | ● | ● | ● |

|                         |                         |                         |                         |                         |                         |
|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
|                         | ●                       | ●                       | ●                       | ●                       | ●                       |
|                         | ●                       | ●                       | ●                       | ●                       | ●                       |
| 0.16 kW, max. 400 l/min | 0.36 kW, max. 200 l/min | 0.36 kW, max. 200 l/min | 0.36 kW, max. 200 l/min | 0.36 kW, max. 200 l/min | 0.36 kW, max. 200 l/min |
| -                       | 0.12 kW, 60 l/min       | 0.12 kW, 60 l/min       | 0.12 kW, 60 l/min       | 0.12 kW, 60 l/min       | 0.12 kW, 60 l/min       |

|            |           |             |           |             |
|------------|-----------|-------------|-----------|-------------|
| 2.45 / 1.8 | 14 / 11.8 | 22.3 / 19.5 | 48 / 42.8 | 63.6 / 58.6 |
| 200        | 355       | 460         | 494       | 646         |
| 125        | 244       | 270         | 362       | 362         |
| 194        | 277       | 372         | 452       | 604         |
| 1/4"       | 3/8"      | 3/8"        | 3/8"      | 3/8"        |
| 1/4"       | 1"        | 1"          | 1"        | 1"          |
| 394        | 536 / 586 | 620 / 694   | 751 / 781 | 903 / 933   |
| -          | 686 / 736 | 769 / 843   | 901 / 931 | 1053 / 1083 |
| 398        | 608 / 658 | 692 / 766   | 824 / 854 | 974 / 1004  |
| -          | 752 / 802 | 836 / 910   | 968 / 998 | 1120 / 1150 |

# LDG 5

## Light pressure tank



Thin-walled containers of type LDG 5 are made entirely of stainless steel. The cover is attached by 4 foldable star handle locks.

| Technical data    |       |
|-------------------|-------|
| Capacity          | 4.9 l |
| Usable capacity   | 3.5 l |
| Material pressure | 6 bar |

| Product variants      | Item no.    |
|-----------------------|-------------|
| LDG-5 6bar DRW 1oA VA | V4405160213 |
| LDG-5 6bar HRW 1oA VA | V4405160113 |
| LDG-5 6bar ORW 1oA VA | V4405160013 |



- Scope of delivery**
- Documentation including declaration of conformity
  - Pressure tank with riser tube and material ball valve
  - Compressed air inlet fitting
  - Plastic inliner
  - Pressure gauge
  - Safety valve

- Order information**
- Select the equipment you want for your pressure vessel:
- 1oA = 1 top material outlet
  - ORW = without mixer;
  - HRW = with manual agitator;
  - DRW = with compressed air agitator;
  - ERW = with electric agitator
  - VA = stainless steel



# LDG 10

## Light pressure tank



Thin-walled containers of type LDG 10 are made entirely of stainless steel. The cover is attached by 4 foldable star handle locks.

| Technical data    |       |
|-------------------|-------|
| Capacity          | 10 l  |
| Usable capacity   | 9 l   |
| Material pressure | 6 bar |

|                   |       |
|-------------------|-------|
| Capacity          | 10 l  |
| Usable capacity   | 9 l   |
| Material pressure | 6 bar |

| Product variants        | Item no.    |
|-------------------------|-------------|
| LDG-10 6bar DRW 1oA VA  | V4410160213 |
| LDG-10 6bar ERW 1oA VA  | V4410160313 |
| LDG-10 6bar HRW 1oA VA  | V4410160113 |
| LDG-10 6bars ORW 1oA VA | V4410160013 |

| Product variants        | Item no.    |
|-------------------------|-------------|
| LDG-10 6bar DRW 1oA VA  | V4410160213 |
| LDG-10 6bar ERW 1oA VA  | V4410160313 |
| LDG-10 6bar HRW 1oA VA  | V4410160113 |
| LDG-10 6bars ORW 1oA VA | V4410160013 |

**Scope of delivery**

- Documentation including declaration of conformity
- Pressure tank with riser tube and material ball valve
- Compressed air inlet fitting
- Plastic inliner
- Pressure gauge
- Safety valve

**Order information**

- Select the equipment you want for your pressure vessel:
- 1oA = 1 top material outlet
  - ORW = without mixer;
  - HRW = with manual agitator;
  - DRW = with compressed air agitator;
  - ERW = with electric agitator
  - VA = stainless steel

# LDG 20

## Light pressure tank



Thin-walled containers of type LDG 20 are made entirely of stainless steel. The cover is attached by 4 foldable star handle locks.

| Technical data    |       |
|-------------------|-------|
| Capacity          | 18 l  |
| Usable capacity   | 15 l  |
| Material pressure | 6 bar |

| Product variants       | Item no.    |
|------------------------|-------------|
| LDG-20 6bar DRW 1oA VA | V4420160213 |
| LDG-20 6bar ERW 1oA VA | V4420160313 |
| LDG-20 6bar HRW 1oA VA | V4420160113 |
| LDG-20 6bar ORW 1oA VA | V4420160013 |



**Scope of delivery**

Documentation including declaration of conformity  
Pressure tank with riser tube and material ball valve  
Compressed air inlet fitting  
Pressure gauge  
Safety valve

**Order information**

Select the equipment you want for your pressure vessel:

1oA = 1 top material outlet  
ORW = without mixer;  
HRW = with manual agitator;  
DRW = with compressed air agitator;  
ERW = with electric agitator  
VA = stainless steel





# MDG 2

## Material pressure tank



Material pressure tank, type MDG 2, with fully assembled compressed air inlet fitting, reversible, including component-tested safety valve. Cover also equipped with a 1/4" fluid conduit and a 1/4" material outlet ball valve.

| Technical data |  |
|----------------|--|
|----------------|--|

|                 |        |
|-----------------|--------|
| Capacity        | 2.45 l |
| Usable capacity | 1.8 l  |

| Product variants | Item no. |
|------------------|----------|
|------------------|----------|

|                       |             |
|-----------------------|-------------|
| MDG-2 3bar ORW 1oA VA | V4402130013 |
| MDG-2 6bar ORW 1oA VA | V4402160013 |

### Scope of delivery

- Cover with ascending pipe
- Documentation
- Pressure tank
- Compressed air inlet fitting, complete
- Material outlet ball valve
- Safety valve

### Order information

Select the equipment you want for your pressure vessel:

1oA = 1 top material outlet

ORW = without mixer

VA = stainless steel

# MDG 12

## Material pressure tank



Material pressure tank, type MDG 12, with fully assembled air inlet fitting, reversible, including component-tested safety valve. Cover also equipped with standard filling closure ø 55 mm, suction tube and an upper material outlet ball valve.

| Technical data    |        |
|-------------------|--------|
| Capacity          | 14 l   |
| Usable capacity   | 11.8 l |
| Material pressure | 6 bar  |

| Product variants               | Item no.    |
|--------------------------------|-------------|
| MDG-12 6bar DRW 1oA galvanized | V4422160212 |
| MDG-12 6bar ERW 1oA galvanized | V4422160312 |
| MDG-12 6bar HRW 1oA galvanized | V4422160112 |
| MDG-12 6bar ORW 1oA galvanized | V4422160012 |



- Scope of delivery**
- Cover with standard filler cap
  - Documentation
  - Pressure tank
  - Compressed air inlet fitting, complete
  - Declaration of conformity
  - Material outlet ball valve
  - Safety valve
  - Ascending pipe

- Order information**
- Select the equipment you want for your pressure vessel:
- 1oA = 1 top material outlet
  - ORW = without mixer;
  - HRW = with manual agitator;
  - DRW = with compressed air agitator;
  - ERW = with electric agitator
  - vz = galvanized steel



# MDG 22

## Material pressure tank



Material pressure tank, type MDG 22, with fully assembled air inlet fitting, reversible, including component-tested safety valve. Cover also equipped with standard filling closure ø 55 mm, suction tube and an upper material outlet ball valve.

| Technical data    |        |
|-------------------|--------|
| Capacity          | 22.3 l |
| Usable capacity   | 19.5 l |
| Material pressure | 6 bar  |

| Product variants                          | Item no.    |
|---|-------------|
| MDG-22 6bar DRW 1oA vz                    | V4432160212 |
| MDG 22 zinc-plated with electric agitator | V4432160312 |
| MDG 22 zinc-plated with manual agitator   | V4432160112 |
| MDG-22 6bar ORW 1oA vz                    | V4432160012 |

### Scope of delivery

- Cover with standard filler cap
- Documentation
- Compressed air inlet fitting, complete
- Pressure tank
- Declaration of conformity
- Material outlet ball valve
- Safety valve
- Ascending pipe

### Order information

Select the equipment you want for your pressure vessel:

1oA = 1 top material outlet

ORW = without mixer;

HRW = with manual agitator;

DRW = with compressed air agitator;

ERW = with electric agitator

vz = galvanized steel

# MDG 45

## Material pressure tank



Material pressure tank, type MDG 45, with fully assembled air inlet fitting, reversible, including component-tested safety valve. Cover also equipped with standard filling closure ø 55 mm, suction tube and an upper material outlet ball valve.



| Technical data  |        |
|-----------------|--------|
| Capacity        | 48 l   |
| Usable capacity | 42.8 l |

| Product variants               | Item no.    |
|--------------------------------|-------------|
| MDG-45 4bar DRW 1oA galvanized | V4424140212 |
| MDG-45 4bar ERW 1oA vz         | V4424140312 |
| MDG-45 4bar HRW 1oA vz         | V4424140112 |
| MDG-45 4bar ORW 1oA galvanized | V4424140012 |
| MDG-45 6bar DRW 1oA galvanized | V4424160212 |
| MDG-45 6bar ERW 1oA galvanized | V4424160312 |
| MDG-45 6bar HRW 1oA galvanized | V4424160112 |
| MDG-45 6bar ORW 1oA galvanized | V4424160012 |

### Scope of delivery

- Cover with standard filler cap
- Documentation
- Pressure tank
- Compressed air inlet fitting, complete
- Declaration of conformity
- Material outlet ball valve
- Safety valve
- Ascending pipe

### Order information

Select the equipment you want for your pressure vessel:

1oA = 1 top material outlet

ORW = without mixer;

HRW = with manual agitator;

DRW = with compressed air agitator;

ERW = with electric agitator

vz = galvanized steel



# MDG 60

## Material pressure tank



Material pressure tank, type MDG 60, with fully assembled air inlet fitting, reversible, including component-tested safety valve. Cover also equipped with standard filling closure ø 55 mm, suction tube and an upper material outlet ball valve.

| Technical data  |        |
|-----------------|--------|
| Capacity        | 63.6 l |
| Usable capacity | 58.6 l |

| Product variants                           | Item no.    |
|--|-------------|
| MDG 60 zinc-plated with pneumatic agitator | V4425130212 |
| MDG 60 zinc-plated with electric agitator  | V4425130312 |
| MDG 60 zinc-plated with manual agitator    | V4425130112 |
| MDG 60 zinc-plated without agitator        | V4425130012 |
| MDG 60 zinc-plated with pneumatic agitator | V4425160212 |
| MDG 60 zinc-plated with electric agitator  | V4425160312 |
| MDG 60 zinc-plated with manual agitator    | V4425160112 |
| MDG-60 6bar ORW 1oA galvanized             | V4425160012 |

### Scope of delivery

- Cover with standard filler cap
- Documentation
- Pressure tank
- Compressed air inlet fitting, complete
- Declaration of conformity
- Material outlet ball valve
- Safety valve
- Ascending pipe

### Order information

Select the equipment you want for your pressure vessel:

1oA = 1 top material outlet

ORW = without mixer;

HRW = with manual agitator;

DRW = with compressed air agitator;

ERW = with electric agitator

vz = galvanized steel

# Airspray finishing diaphragm pumps

WAGNER offers you three finishing systems with low-pressure diaphragm pumps. Choose the right solution for your requirements from the following table. Further information can be found directly on the product pages.



TOPFINISH  
DD10



ZIP 52  
Finishing



ZIP 52  
Perfect Flow

| Processable material                    |        |        |        |
|---|--------|--------|--------|
| Water-based material                    | ●      | ●      | ●      |
| Solvent-based material                  | ●      | ●      | ●      |
| UV- / Moisture-sensitive material       |        | ●      |        |
| Shear-sensitive material                | ●      | ●      | ●      |
| Material outlet pressure max.           |        |        |        |
| 8 bar, 116 PSI                          | ●      | ●      | ●      |
| Material pressure regulator with filter |        | ●      |        |
| Pressure damper                         |        |        | ●      |
| Controller or damper not required       | ●      |        |        |
| Material connection                     |        |        |        |
| Material inlet                          | G ½"-I | G ½"-I | G ½"-I |
| Material outlet                         | G ¾"-I | G ½"-I | G ½"-I |
| Volumetric flow                         |        |        |        |
| At 10 DS/min [l/min.]                   | 0.40   | 0.60   | 1.00   |
| At 20 DS/min [l/min.]                   | 0.80   | 1.20   | 2.00   |
| At 30 DS/min [l/min.]                   | 1.20   | 1.80   | 3.00   |



# TOPFINISH DD10

## Low-pressure diaphragm pump



TOPFINISH DD10 is a 1:1 double diaphragm pump to feed manual and automatic airspray guns with material. The TOPFINISH DD10 can feed up to four guns directly or via a 2K unit.

| Technical data                    |                 |
|-----------------------------------|-----------------|
| Material ball                     | Stainless steel |
| Material membran                  | PA 11           |
| Length                            | 192 mm          |
| Width                             | 165 mm          |
| Height                            | 265 mm          |
| Weight                            | 4.1 kg          |
| Compressed air connection         | A, G 1/4"       |
| Material inlet                    | I, G 1/2"       |
| Material outlet                   | I, G 3/8"       |
| Air inlet pressure range          | 1.5 bar – 8 bar |
| Material pressure                 | 8 bar           |
| Sound level at 6 bar air pressure | 62 dB(A)        |
| Multiplication ratio              | 1               |
| Volumetric flow per free flow     | 10 l/min        |
| Volumetric flow per double stroke | 40 cm³/DH       |
| Material temperature range        | 5 °C – 60 °C    |
| Ambient temperature range         | 10 °C – 60 °C   |

| Product variants         | Item no. |
|--------------------------|----------|
| DD10 pump                | 2414298  |
| DD10 pump with regulator | 2414299  |

### Processable materials

- Water and solvent-based material
- Metallic paints
- Pre-mixed 2K material
- Base material & catalysts
- Abrasive material
- Shear sensitive material
- Separating agents

### Material-wetted parts

- Aluminum nickel plated
- PA

### Scope of delivery

- Pump
- Regulators for atomization air and pump supply included
- Grounding cable

### Order information

Using the variant configurator of the manual airspray gun GM 1030P, you can select entirely equipped ready-to-work spraypacks (see airspray manual gun GM 1030P). Additionally find an enhanced portfolio of accessories, such as mounting equipment, suction systems, material filters or material hoses.





# Zip 52 Finishing

## Low-pressure diaphragm pump



Double diaphragm pump for airspray applications. Including material pressure regulator with integrated filter and suction hose/frame. Material pressure up to 8 bar. Suitable for one or several guns.

| Technical data                    |                         |
|-----------------------------------|-------------------------|
| Multiplication ratio              | 1:1                     |
| Material pressure                 | 8 bar                   |
| Volumetric flow per double stroke | 108 cm <sup>3</sup> /DS |
| Volumetric flow per free flow     | 52 l/min                |
| Material inlet                    | G 1/2" - F              |
| Material outlet                   | G 1/4" - M              |
| Air inlet pressure range          | 1.5 bar - 8 bar         |
| Compressed air connection         | M - G 1/4"              |
| Sound level at 6 bar air pressure | 73 dB(A)                |
| Material temperature range        | 4 °C - 90 °C            |
| Ambient temperature range         | 4 °C - 40 °C            |
| Material pH range                 | 3.5 pH - 9 pH           |
| Weight                            | 11.1 kg                 |

| Product variants            | Item no. |
|-----------------------------|----------|
| DDP Zip52 Alu finish Basic  | U760.00  |
| DDP Zip52 Inox finish basic | U765.00  |



### Processable materials

- Water and solvent-based material
- Pre-mixed 2K material
- Base material & catalysts
- Metallic paints
- UV material
- Abrasive material
- Shear sensitive material
- Separating agents

### Material-wetted parts

- Aluminum
- PE
- Stainless steel

### Scope of delivery

- Pump
- Regulators for atomizing air, material pressure and pump supply included.
- Combined filter and pressure regulator for material (FFC)
- Flexible suction hose
- Without mounting equipment (e.g. trolley or wall mount)

### Order information

Using the variant configurator of the manual airspray gun GM 1030P, you can select entirely equipped ready-to-work spraypacks (see airspray manual gun GM 1030P). Additionally find an enhanced portfolio of accessories, such as mounting equipment, suction systems, material filters or material hoses.





# Zip Eco Perfect Flow

## Low-pressure diaphragm pump



Double diaphragm pump for airspray applications. Cost-effective entry level model without material pressure regulator. Nevertheless it offers low-pulsation thanks to large material filter. For pressures up to 8 bar and one gun.

| Technical data                    |                        |
|-----------------------------------|------------------------|
| Multiplication ratio              | 1:1                    |
| Material pressure                 | 8 bar                  |
| Volumetric flow per double stroke | 62 cm <sup>3</sup> /DS |
| Volumetric flow per free flow     | 28 l/min               |
| Material inlet                    | G 1/2" - F             |
| Material outlet                   | G 1/4" - M             |
| Air inlet pressure range          | 1 bar - 8 bar          |
| Compressed air connection         | M - G 1/4"             |
| Sound level at 6 bar air pressure | 73 dB(A)               |
| Material temperature range        | 4 °C - 90 °C           |
| Ambient temperature range         | 4 °C - 40 °C           |
| Weight                            | 7.9 kg                 |

| Product variants       | Item no. |
|------------------------|----------|
| DDP Zip52 ECO PF AL SP | U731.00  |

### Processable materials

- Water and solvent-based material
- Metallic paints
- Pre-mixed 2K material
- Base material & catalysts
- UV material
- Abrasive material
- Shear sensitive material
- Abrasive material
- Separating agents

### Material-wetted parts

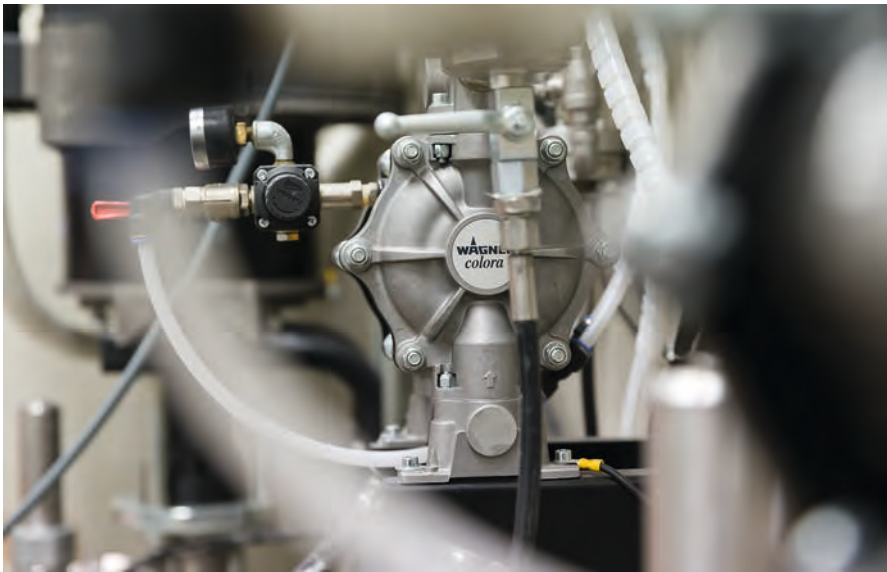
- Aluminum
- PE
- Stainless steel

### Scope of delivery

- Pump
- Regulators for atomization air and pump supply included
- Material filter with pulsation damper
- Flexible suction hose
- Frame







### Order information

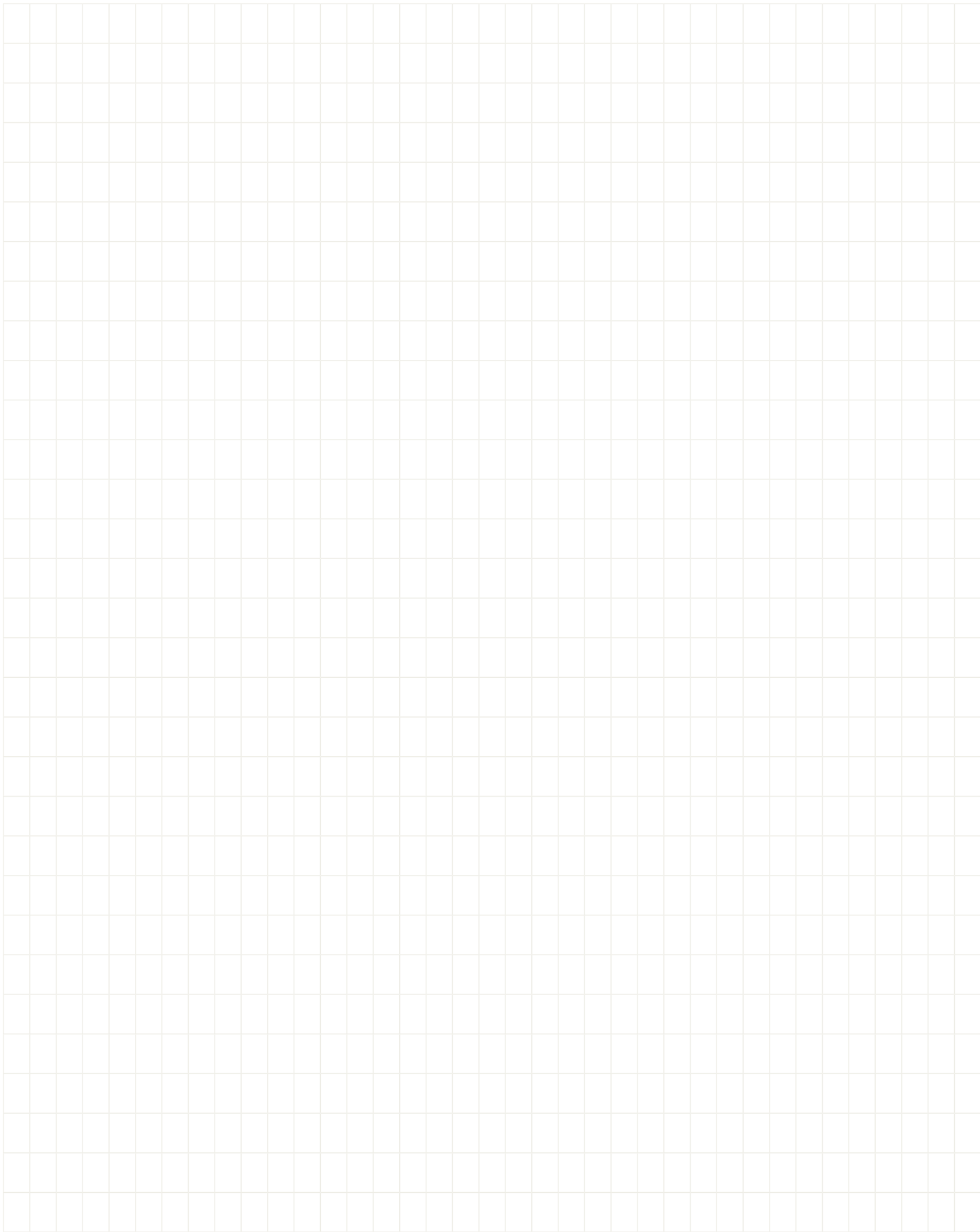
Select material hose package and airspray gun to complete the spraypack.



# Accessories finishing diaphragm pumps

WAGNER offers you an extensive range of accessories for finishing diaphragm pumps.  
Select your required components from the table.

|   | TOPFINISH DD10                                   | Zip 52 Finishing | Zip Eco PF |            |
|---|--|------------------|------------|------------|
|   | <b>Mounting</b>                                  |                  |            |            |
|   | Trolley 6"                                       | ●                |            | 2325916    |
|   | Stand large DD10                                 | ●                |            | 2368206    |
|   | Wall mounting 6"                                 | ●                |            | 2332145    |
|   | Mounting plate                                   | ●                |            | 2405531    |
|   | Wheel/handle set for T760.00S                    |                  | ●          | T760.00R   |
|   | Wall mounting Zip52                              |                  | ●          | T760.00M   |
|   | Trolley Zip/EvoMotion                            | ●                | ●          | T760.00SR  |
|   | Stand ZIP/EvoMotion                              | ●                | ●          | T760.00S   |
|  | <b>Suction system</b>                            |                  |            |            |
|   | Hopper set SL for ZIP                            | ●                | ●          | 2328487    |
|   | Hopper set 2L                                    | ●                |            | 2368788    |
|   | Suction hose                                     | ●                |            | 2324110    |
|   | Fitting DF-MM-R1/2"-M36x2-SSt                    | ●                |            | 2329560    |
|   | DD10 drum cover 30L cpl.                         | ●                |            | 2368238    |
|  | <b>Material pressure regulator</b>               |                  |            |            |
|   | Filter pressure regulator FFC                    | ●                |            | 2368735    |
|  | <b>Pump outlet, material filter &amp; return</b> |                  |            |            |
|   | DD10 filter incl. elbow 90°                      | ●                |            | 2368427    |
|   | DD10 circulation cpl.                            | ●                |            | 2368428    |
|   | DD10 filter with circulation                     | ●                |            | 2368434    |
|  | <b>Filter inserts</b>                            |                  |            |            |
|   | FFC filter insert 60 mesh black                  |                  | ●          | T500.00    |
|   | FFC filter insert 100 mesh white                 |                  | ●          | T500.00A   |
|   | FFC filter insert 150 mesh red                   |                  | ●          | T500.00B   |
|  | <b>Hose packages airspray</b>                    |                  |            |            |
|   | LP double hose DN6-G1/4"-7.5m-PE-SSt             | ●                | ●          | S419.00GPI |
|   | LP double hose DN6-G1/4"-7.5m-PE-SSt             | ●                |            | S419.00GI  |
|   | <b>Other accessories</b>                         |                  |            |            |
|   | DD10 2 - gun distributor                         | ●                |            | 2368439    |



# High-pressure finishing pumps

With the IceBreaker finishing piston pumps, WAGNER covers the entire spectrum of industrial applications. Whether window manufacturer or automated multiple gun application in the furniture industry, low viscosity glaze or highly viscous high-solid lacquers: The product range fulfills all possible requirements. The pumps are energy-efficient and durable. The air motors work without icing and always produce optimal spraying results thanks to their low pulsation.



EvoMotion  
20-30S



EvoMotion  
40-15S



WildCat  
18-40



Puma  
28-40



Puma  
21-110

## Processable material

|   |   |   |   |   |   |
|---|---|---|---|---|---|
| Water-based material                      | ● | ● | ● | ● | ● |
| Solvent-based material                    | ● | ● | ● | ● | ● |
| Low viscosity (<40 sec. DIN No. 4)        | ● | ● | ● | ● | ● |
| Medium viscosity (40...60 sec. DIN No. 4) | ● | ● | ● | ● | ● |
| High viscosity (>60 sec. DIN No. 4)       |   |   |   |   |   |
| UV-sensitive material                     |   |   |   |   | ◐ |
| Shear-sensitive material                  |   |   | ◐ | ◐ | ◐ |
| Moisture-sensitive material               |   |   | ◐ | ◐ | ◐ |

## Application

|                      |   |   |   |   |   |
|----------------------|---|---|---|---|---|
| Airspray             |   |   |   |   |   |
| AirCoat 160 bar max. | ● | ● | ● | ● | ● |
| AirCoat 250 bar max. |   | ● |   |   |   |
| Airless 270 bar max. |   | ● |   | ● |   |
| Airless 400 bar max. |   |   |   |   |   |
| Airless 530 bar max. |   |   |   |   |   |
| Fluid delivery       |   |   |   |   |   |

## Max. no. of guns

|                             |   |   |   |   |   |
|-----------------------------|---|---|---|---|---|
| 1 spray gun, nozzle 0,017"  | ● | ● | ● | ● | ● |
| 2 spray guns, nozzle 0,017" |   |   | ● | ● | ● |
| 3 spray guns, nozzle 0,017" |   |   |   |   | ● |
| 4 spray guns, nozzle 0,017" |   |   |   |   | ● |
| 1 spray gun, nozzle 0,021"  |   |   |   |   | ● |
| 2 spray guns, nozzle 0,021" |   |   |   |   | ● |
| 3 spray guns, nozzle 0,021" |   |   |   |   | ● |
| 4 spray guns, nozzle 0,021" |   |   |   |   |   |



|  | ● | ● | ● | ● |
|--|---|---|---|---|
|  | ● | ● | ● | ● |
|  | ● | ● | ● | ● |
|  | ● | ● | ● | ● |
|  |   | ⦿ |   | ⦿ |
|  | ● | ⦿ | ● | ⦿ |
|  | ● | ⦿ | ● | ⦿ |
|  | ● | ⦿ | ● | ⦿ |
|  |   |   |   |   |
|  | ● | ● | ● |   |
|  | ● | ● | ● | ● |
|  | ● | ● | ● | ● |
|  |   |   |   |   |
|  |   |   |   |   |
|  |   |   |   |   |
|  | ● | ● | ● | ● |
|  | ● | ● | ● | ● |
|  | ● | ● | ● | ● |
|  | ● | ● | ● | ● |
|  | ● | ● | ● | ● |
|  |   |   | ● | ● |
|  |   |   | ● | ● |
|  |   |   |   | ● |

● Suitable  
⦿ Suitable to a limited extent

# EvoMotion 20-30S

## High-pressure piston pump



High-pressure piston pump, stainless steel, for airless and AirCoat applications up to 160 bar and 1.8 l/min. Ideal e.g. for professional lacquer stations in single-item production and for workshops.

| Technical data                    |                        |
|-----------------------------------|------------------------|
| Multiplication ratio              | 20:1                   |
| Material pressure                 | 160 bar                |
| Volumetric flow per double stroke | 30 cm <sup>3</sup> /DS |
| Max. stroke rate                  | 60 DS/min              |
| Flow rate per 60 DS               | 1.8 l/min              |
| Material inlet                    | M36x2 - M              |
| Material outlet                   | NPS 1/4" - M           |
| Air inlet pressure range          | 2.5 bar - 8 bar        |
| Compressed air connection         | 8 mm                   |
| Sound level at 6 bar air pressure | 74 dB(A)               |
| Material temperature range        | 5 °C - 80 °C           |
| Ambient temperature range         | 5 °C - 50 °C           |
| Material pH range                 | 3.5 pH - 9 pH          |
| Material pressure at pump inlet   | 10 bar                 |
| Max. allowed inclination          | 10 °                   |
| Weight                            | 11 kg                  |

| Product variants                      | Item no. |
|---------------------------------------|----------|
| EvoMotion 20-30 PE/T                  | 2329452  |
| Spray pack configuration Finishing VC | 2333720  |



### Processable materials

Water and solvent-based material  
Pre-mixed 2K material

### Material-wetted parts

Stainless steel  
PE  
PTFE  
Hard chrome

### Scope of delivery

Pump with air regulator and hose connection fitting  
Designed for installation on wall mount, frame or trolley.  
Separating agent 250 cm<sup>3</sup>  
Grounding cable

### Order information

Individually customized spraypacks consisting of pump, mounting equipment, suction system, material filter, circulation, hose package and spray gun can be selected by help of the variant configurator.  
A range of ready-to-use spraypacks is also available.





# EvoMotion 40-15S

## High-pressure piston pump



High-pressure piston pump, stainless steel, for airless and AirCoat applications of up to 320 bar and 0.9 l/min. The directly mounted hopper enables a reliable intake, even with more viscous material.

| Technical data                    |                        |
|-----------------------------------|------------------------|
| Multiplication ratio              | 40:1                   |
| Material pressure                 | 320 bar                |
| Volumetric flow per double stroke | 15 cm <sup>3</sup> /DS |
| Max. stroke rate                  | 60 DS/min              |
| Flow rate per 60 DS               | 0.9 l/min              |
| Material inlet                    | M36x2 – M              |
| Material outlet                   | NPS 1/4" – M           |
| Air inlet pressure range          | 2.5 bar – 8 bar        |
| Compressed air connection         | 8 mm                   |
| Sound level at 6 bar air pressure | 74 dB(A)               |
| Material temperature range        | 5 °C – 80 °C           |
| Ambient temperature range         | 5 °C – 60 °C           |
| Material pH range                 | 3.5 pH – 9 pH          |
| Material pressure at pump inlet   | 10 bar                 |
| Max. allowed inclination          | 10 °                   |
| Weight                            | 9 kg                   |

| Product variants                      | Item no. |
|---------------------------------------|----------|
| EvoMotion 40-15S PE/T                 | 2329450  |
| Spray pack configuration Finishing VC | 2333720  |

### Processable materials

Water and solvent-based material  
Pre-mixed 2K material

### Material-wetted parts

Stainless steel  
PE  
PTFE  
Hard chrome

### Scope of delivery

Pump with air regulator and hose connection fitting  
Designed for installation on wall mount, frame or trolley.  
Separating agent 250 cm<sup>3</sup>  
Grounding cable

### Order information

Individually customized spraypacks consisting of pump, mounting equipment, suction system, material filter, circulation, hose package and spray gun can be selected by help of the variant configurator.  
A range of ready-to-use spraypacks is also available.

# Wildcat 18-40

## High-pressure piston pump



High-pressure piston pump, stainless steel, for AirCoat applications of up to 140 bar and 2.4 l/min. Ideal e.g. for professional single-item lacquer stations in production and in the workshop.

| Technical data                    |                 |
|-----------------------------------|-----------------|
| Multiplication ratio              | 18:1            |
| Material pressure                 | 144 bar         |
| Volumetric flow per double stroke | 40 cm³/DS       |
| Max. stroke rate                  | 60 DS/min       |
| Flow rate per 60 DS               | 2.4 l/min       |
| Material inlet                    | M36x2 - M       |
| Material outlet                   | M24x1,5 - M     |
| Air inlet pressure range          | 2.5 bar - 8 bar |
| Compressed air connection         | F - G 1/2"      |
| Sound level at 6 bar air pressure | 74 dB(A)        |
| Material temperature range        | 5 °C - 80 °C    |
| Ambient temperature range         | 5 °C - 50 °C    |
| Material pH range                 | 3.5 pH - 9 pH   |
| Material pressure at pump inlet   | 10 bar          |
| Max. allowed inclination          | 10 °            |
| Weight                            | 15 kg           |

| Product variants                      | Item no. |
|---------------------------------------|----------|
| PistonP. Wildcat 18-40 PE/T           | 2329458  |
| PistonP. Wildcat 18-40 PE/TG          | 2329456  |
| Spray pack configuration Finishing VC | 2333720  |



### Processable materials

- Water and solvent-based material
- Pre-mixed 2K material
- Base material & catalysts
- Hygroscopic material

### Material-wetted parts

- Stainless steel
- Hard chrome
- Tungsten carbide
- PE
- PTFE

### Scope of delivery

- Pump incl. air pressure regulator
- Separating agent 250 cm³
- Grounding cable

### Order information

Individually customized spraypacks consisting of pump, mounting equipment, suction system, material filter, circulation, hose package and spray gun can be selected by help of the variant configurator. A range of ready-to-use spraypacks is also available.





# Puma 28-40

## High-pressure piston pump



High-pressure piston pump, stainless steel, for airless and AirCoat applications of up to 220 bar and 2.4 l/min. Ideal e.g. for professional individual lacquer stations or as hardener pump.

| Technical data                    |                 |
|-----------------------------------|-----------------|
| Multiplication ratio              | 28:1            |
| Material pressure                 | 224 bar         |
| Volumetric flow per double stroke | 40 cm³/DS       |
| Max. stroke rate                  | 60 DS/min       |
| Flow rate per 60 DS               | 2.4 l/min       |
| Material inlet                    | M36x2 - M       |
| Material outlet                   | M24x1,5 - M     |
| Air inlet pressure range          | 2.5 bar - 8 bar |
| Compressed air connection         | F - G 1/2"      |
| Sound level at 6 bar air pressure | 74 dB(A)        |
| Material temperature range        | 5 °C - 80 °C    |
| Ambient temperature range         | 5 °C - 50 °C    |
| Material pH range                 | 3.5 pH - 9 pH   |
| Max. allowed inclination          | 10 °            |
| Weight                            | 16 kg           |

| Product variants                      | Item no. |
|---------------------------------------|----------|
| PistonP. Puma 28-40 NPS               | 2329469  |
| PistonP. Puma 28-40 PE/TG             | 2329467  |
| Spray pack configuration Finishing VC | 2333720  |

### Processable materials

- Water and solvent-based material
- Hygroscopic material
- Pre-mixed 2K material
- Base material & catalysts

### Material-wetted parts

- Stainless steel
- Hard chrome
- Tungsten carbide
- PTFE

### Scope of delivery

- Pump incl. air pressure regulator
- Separating agent 250 cm³
- Grounding cable

### Order information

Individually customized spraypacks consisting of pump, mounting equipment, suction system, material filter, circulation, hose package and spray gun can be selected by help of the variant configurator.

A range of ready-to-use spraypacks is also available.

# Puma 21-110

## High-pressure piston pump



High-pressure piston pump, stainless steel, for AirCoat applications of up to 168 bar and 6.6 l/min. Ideal e.g. for multiple guns in flatbed machines.

| Technical data                    |                         |
|-----------------------------------|-------------------------|
| Multiplication ratio              | 21:1                    |
| Material pressure                 | 168 bar                 |
| Volumetric flow per double stroke | 110 cm <sup>3</sup> /DS |
| Max. stroke rate                  | 60 DS/min               |
| Flow rate per 60 DS               | 6.6 l/min               |
| Material inlet                    | M36x2 - M               |
| Material outlet                   | M24x1,5 - M             |
| Air inlet pressure range          | 2.5 bar - 8 bar         |
| Compressed air connection         | F - G 1/2"              |
| Sound level at 6 bar air pressure | 74 dB(A)                |
| Material temperature range        | 5 °C - 80 °C            |
| Ambient temperature range         | 5 °C - 50 °C            |
| Material pH range                 | 3.5 pH - 9 pH           |
| Max. allowed inclination          | 10 °                    |
| Weight                            | 28 kg                   |

| Product variants                      | Item no. |
|---------------------------------------|----------|
| PistenP. Puma 21-110 PE/T             | 2330614  |
| PistenP. Puma 21-110 PE/TG            | 2329517  |
| Spray pack configuration Finishing VC | 2333720  |



### Processable materials

- Water and solvent-based material
- Hygroscopic material
- Pre-mixed 2K material
- Base material & catalysts

### Material-wetted parts

- Stainless steel
- Hard chrome
- Tungsten carbide
- PTFE
- PE

### Scope of delivery

- Pump incl. air pressure regulator
- Separating agent 250 cm<sup>3</sup>
- Grounding cable

### Order information

Individually customized spraypacks consisting of pump, mounting equipment, suction system, material filter, circulation, hose package and spray gun can be selected by help of the variant configurator.





# Cobra 40-10

## High-pressure diaphragm pump



High-pressure, double diaphragm pump, Consistal. For AirCoat and airless applications of up to 2.5 l/min and 250 bar. Ideal for individual lacquer stations up to complex multi-paint systems.

| Technical data                    |                 |
|-----------------------------------|-----------------|
| Multiplication ratio              | 40:1            |
| Material pressure                 | 250 bar         |
| Volumetric flow per double stroke | 10 cm³/DS       |
| Max. stroke rate                  | 200 DS/min      |
| Flow rate per 200 DS              | 2 l/min         |
| Material inlet                    | M36x2 – M       |
| Material outlet                   | G 3/8" – M      |
| Air inlet pressure range          | 2.5 bar – 6 bar |
| Compressed air connection         | F – G 1/2"      |
| Material temperature range        | 10 °C – 80 °C   |
| Ambient temperature range         | 10 °C – 60 °C   |
| Material pH range                 | 9 pH – 3.5 pH   |
| Material pressure at pump inlet   | 20 bar          |
| Max. allowed inclination          | 10 °            |
| Weight                            | 19 kg           |

| Product variants             | Item no. |
|------------------------------|----------|
| DiaphragmP. Cobra 40-10      | 2329519  |
| DiaphragmP.Cobra 40-10 frame | 2329521  |

### Processable materials

- Water and solvent-based material
- Hygroscopic material
- Base material & catalysts
- Pre-mixed 2K material
- Shear sensitive material
- Abrasive material

### Material-wetted parts

- Consistal (nickel plated)
- Stainless steel
- Tungsten carbide

### Scope of delivery

- Pump incl. air pressure regulator
- Grounding cable

### Order information

The desired spraypack can be created using the basic pump and a selection from our comprehensive accessories range. A range of ready-to-use spraypacks is also available.





# Leopard 35-70

## High-pressure piston pump



High-pressure piston pump, stainless steel, for airless and AirCoat applications of up to 250 bar and 4 l/min. Ideal for e.g. industrial coatings in the wood and metal industry.

| Technical data                    |                   |
|-----------------------------------|-------------------|
| Multiplication ratio              | 35:1              |
| Material pressure                 | 250 bar           |
| Volumetric flow per double stroke | 70 cm³/DS         |
| Max. stroke rate                  | 60 DS/min         |
| Flow rate per 60 DS               | 4.2 l/min         |
| Material inlet                    | M36x2 - M         |
| Material outlet                   | M24x1,5 - M       |
| Air inlet pressure range          | 2.5 bar - 7.1 bar |
| Compressed air connection         | F - G 1/2"        |
| Sound level at 6 bar air pressure | 74 dB(A)          |
| Material temperature range        | 5 °C - 80 °C      |
| Ambient temperature range         | 5 °C - 50 °C      |
| Material pH range                 | 3.5 pH - 9 pH     |
| Max. allowed inclination          | 10 °              |
| Weight                            | 26 kg             |

| Product variants                      | Item no. |
|---------------------------------------|----------|
| PistonP. Leopard 35-70 NPS            | 2329481  |
| PistonP. Leoard 35-70 PE/TG           | 2329479  |
| Spray pack configuration Finishing VC | 2333720  |



### Processable materials

- Water and solvent-based material
- Pre-mixed 2K material
- Base material & catalysts
- Hygroscopic material

### Material-wetted parts

- Stainless steel
- Hard chrome
- Tungsten carbide
- PTFE
- PE

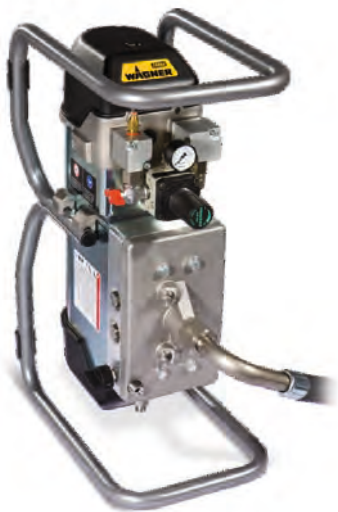
### Scope of delivery

- Pump incl. air pressure regulator
- Separating agent 250 cm³
- Grounding cable

### Order information

Individually customized spraypacks consisting of pump, mounting equipment, suction system, material filter, circulation, hose package and spray gun can be selected by help of the variant configurator. A range of ready-to-use spraypacks is also available.





# Cobra 40-25

## High-pressure diaphragm pump



High-pressure piston diaphragm pump. Universally applicable for aggressive, abrasive, and shear-sensitive materials. Very low flushing agent consumption. For all applications up to 250 bar and 5 l/min, multiple gun use possible.

| Technical data                    |                    |
|-----------------------------------|--------------------|
| Multiplication ratio              | 40:1               |
| Material pressure                 | 250 bar            |
| Volumetric flow per double stroke | 25 cm³/DS          |
| Max. stroke rate                  | 200 DS/min         |
| Flow rate per 200 DS              | 5 l/min            |
| Material inlet                    | M36x2 - M          |
| Material outlet                   | G 3/8" - M         |
| Air inlet pressure range          | 2.5 bar - 6.25 bar |
| Compressed air connection         | F - G 1/2"         |
| Material temperature range        | 10 °C - 80 °C      |
| Ambient temperature range         | 10 °C - 60 °C      |
| Material pH range                 | 3.5 pH - 9 pH      |
| Max. allowed inclination          | 10 °               |
| Weight                            | 32 kg              |

| Product variants        | Item no. |
|-------------------------|----------|
| DiaphragmP. Cobra 40-25 | 2329523  |

### Processable materials

- Water and solvent-based material
- Hygroscopic material
- Pre-mixed 2K material
- Base material & catalysts
- Shear sensitive material
- Abrasive material

### Material-wetted parts

- Consistal (nickel plated)
- Stainless steel
- Tungsten carbide
- PA

### Scope of delivery

- Pump incl. air pressure regulator
- Grounding cable

### Order information

The desired spraypack can be created using the basic pump and a selection from our comprehensive accessories range.



# Leopard 35-150

## High-pressure piston pump



High-pressure piston pump, stainless steel, for airless and AirCoat applications of up to 250 bar and 9 l/min. Ideal e.g. for industrial coatings in the wood and metal industry multiple gun use possible.

| Technical data                    |                         |
|-----------------------------------|-------------------------|
| Multiplication ratio              | 35:1                    |
| Material pressure                 | 250 bar                 |
| Volumetric flow per double stroke | 150 cm <sup>3</sup> /DS |
| Max. stroke rate                  | 60 DS/min               |
| Flow rate per 60 DS               | 9 l/min                 |
| Material inlet                    | M36x2 - M               |
| Material outlet                   | M24x1,5 - M             |
| Air inlet pressure range          | 2.5 bar - 7.7 bar       |
| Compressed air connection         | F - G 1/2"              |
| Sound level at 6 bar air pressure | 78 dB(A)                |
| Material temperature range        | 5 °C - 80 °C            |
| Ambient temperature range         | 5 °C - 50 °C            |
| Material pH range                 | 3.5 pH - 9 pH           |
| Max. allowed inclination          | 10 °                    |
| Weight                            | 36 kg                   |

| Product variants                      | Item no. |
|---------------------------------------|----------|
| PistonP. Leopard 35-150 PE/T          | 2329486  |
| PistonP. Leopard 35-150 PE/TG         | 2329484  |
| Spray pack configuration Finishing VC | 2333720  |



### Processable materials

- Water and solvent-based material
- Hygroscopic material
- Pre-mixed 2K material
- Base material & catalysts
- Abrasive material

### Material-wetted parts

- Stainless steel
- Hard chrome
- Tungsten carbide
- PTFE
- PE

### Scope of delivery

- Pump incl. air pressure regulator
- Separating agent 250 cm<sup>3</sup>
- Grounding cable

### Order information

Individually customized spraypacks consisting of pump, mounting equipment, suction system, material filter, circulation, hose package and spray gun can be selected by help of the variant configurator.





# PROTEC 60-240

## High-pressure piston pump



High pressure piston pump, stainless steel for AirCoat applications up to 270 bar and 14.4 L / min. Extremely robust and ideal for multi-gun use, higher viscosity material and long hose lines.

| Technical data                    |                         |
|-----------------------------------|-------------------------|
| Multiplication ratio              | 60:1                    |
| Material pressure                 | 270 bar                 |
| Volumetric flow per double stroke | 240 cm <sup>3</sup> /DS |
| Max. stroke rate                  | 60 DS/min               |
| Material inlet                    | G 1 1/2" - F            |
| Material outlet                   | M24x1,5 - M             |
| Air inlet pressure range          | 2.5 bar - 4.5 bar       |
| Sound level at 6 bar air pressure | 81 dB(A)                |
| Material temperature range        | 5 °C - 80 °C            |
| Ambient temperature range         | 5 °C - 50 °C            |
| Material pH range                 | 3.5 pH - 9 pH           |
| Max. allowed inclination          | 10 °                    |
| Weight                            | 58 kg                   |

| Product variants                       | Item no. |
|--|----------|
| PistonP. PROTEC 60-240 PE/TG 270bar    | 2411834  |
| PistonP. PROTEC 60-240 PE/TG TC 270bar | 2411835  |

### Processable materials

- Water and solvent-based material
- Hygroscopic material
- Pre-mixed 2K material
- Base material & catalysts
- Abrasive material

### Material-wetted parts

- Stainless steel
- Hard chrome
- Tungsten carbide
- PTFE
- PE

### Scope of delivery

- Pump incl. air pressure regulator
- Separating agent 250 cm<sup>3</sup>
- Grounding cable

### Order information

Individually customized spraypacks consisting of pump, mounting equipment, suction system, material filter, circulation, hose package and spray gun can be selected by help of the variant configurator.



# Accessories finishing piston pumps

WAGNER offers you an extensive range of accessories for finishing piston pumps.  
Select your required components from the table.

|  |  |  |  |  |  |  |  |    |  |  |  |  |
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|  | EvoMotion 40-15S | EvoMotion 40-15 compact | EvoMotion 20-30S | EvoMotion 20-30 compact | Wildcat 18-40 | Wildcat 10-70 | Puma 28-40 | Puma 21-110 | Leopard 35-70 | Leopard 35-150 | PROTEC 60-240 (270 bar) |
|--|------------------|-------------------------|------------------|-------------------------|---------------|---------------|------------|-------------|---------------|----------------|-------------------------|
|--|------------------|-------------------------|------------------|-------------------------|---------------|---------------|------------|-------------|---------------|----------------|-------------------------|

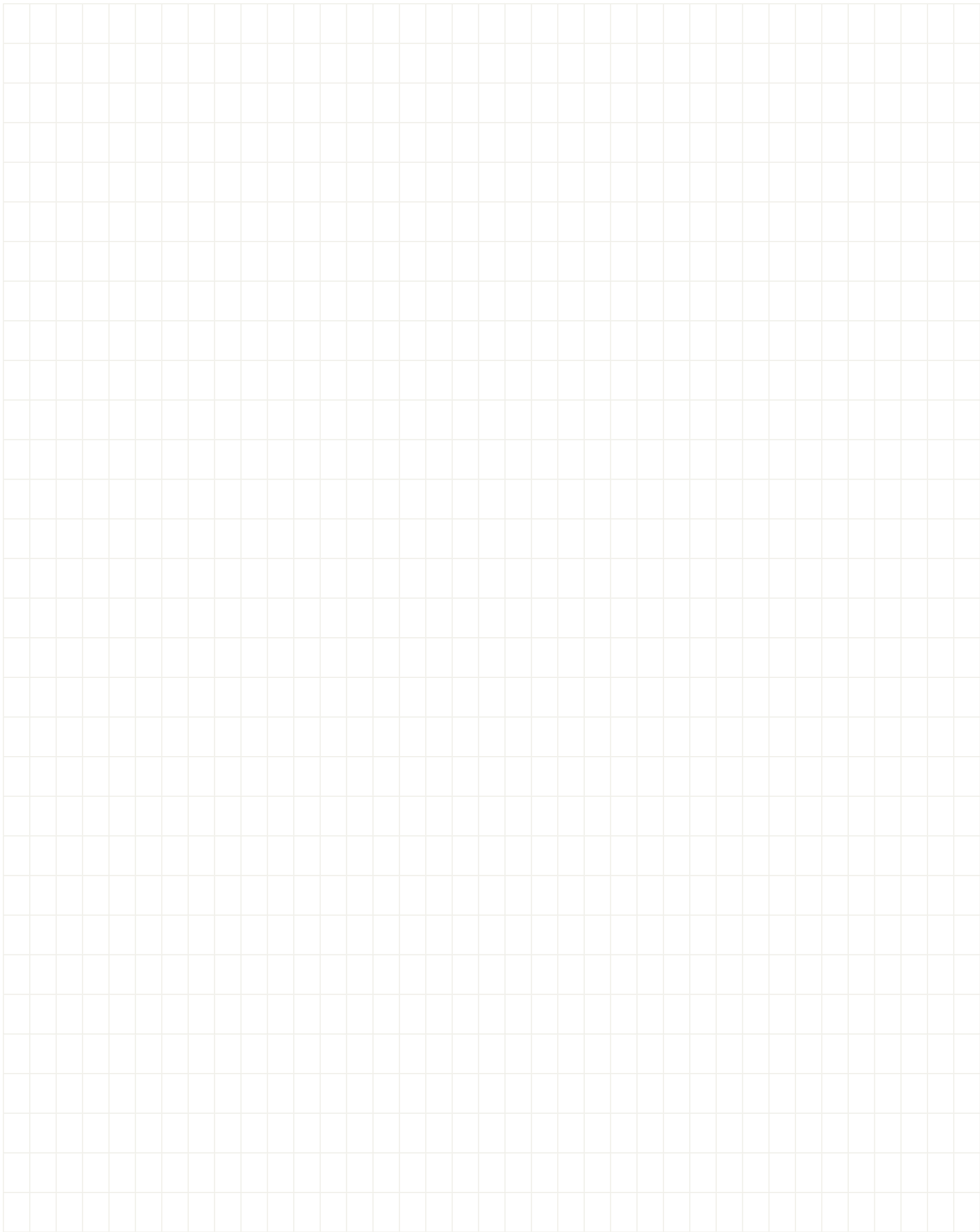
| Hose packages AirCoat                |   |   |   |   |   |   |   |   |   |   |         |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---------|
| AC-hose-DN3-PN270-1/4"NPS-3.0m-PA-T  | ● | ● | ● | ● | ● | ● | ● | ● | ● |   | 2322656 |
| AC-hose-DN3-PN270-1/4"NPS-7.5m-PA-T  | ● | ● | ● | ● | ● | ● | ● | ● | ● |   | 2309705 |
| AC-hose-DN3-PN270-1/4"NPS-10.0m-PA-T | ● | ● | ● | ● | ● | ● | ● | ● | ● |   | 9984596 |
| AC-hose-DN4-PN270-1/4"NPS-7.5m-PA-T  | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | 2309706 |
| AC-hose-DN4-PN270-1/4"NPS-10.0m-PA-T | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | 2312801 |
| AC-hose-DN4-PN270-1/4"NPS-15.0m-PA-T |   |   |   |   |   | ● | ● | ● | ● | ● | 2309634 |
| AC-hose-DN4-PN270-1/4"NPS-20.0m-PA-T |   |   |   |   |   | ● | ● | ● | ● | ● | 2309635 |

| Material hose Airless              |   |   |  |  |  |  |   |  |   |   |         |
|------------------------------------|---|---|--|--|--|--|---|--|---|---|---------|
| HP-hose-DN3-PN270-1/4"NPS-7.5m-PA  | ● | ● |  |  |  |  | ● |  | ● | ● | 9984583 |
| HP-hose-DN4-PN270-1/4"NPS-7.5m-PA  | ● | ● |  |  |  |  | ● |  | ● |   | 9984573 |
| HP-hose-DN4-PN270-1/4"NPS-10.0m-PA | ● | ● |  |  |  |  | ● |  | ● | ● | 2302374 |
| HP-hose-DN3-PN270-1/4"NPSM-3.0m-PA | ● | ● |  |  |  |  | ● |  | ● |   | 2323142 |
| HP-hose-DN6-PN270-1/4"NPS-10.0m-PA |   |   |  |  |  |  |   |  | ● | ● | 9984418 |
| HP-hose-DN10-PN250-3/8"NPSM-15m-PA |   |   |  |  |  |  |   |  |   | ● | 2336583 |

# Accessories high-pressure diaphragm pumps

WAGNER offers you an extensive range of accessories for high-pressure diaphragm pumps.  
Select your required components from the table.

|   | Cobra 40-10                              | Cobra 40-25 |
|---|--|-------------|
|    | <b>Mounting</b>                          |             |
|   | Stand Cobra 40-10                        | 322052      |
|   | Wall mounting 4" cpl.                    | 2332143     |
|   | Trolley Cobra cpl.                       | 2341375     |
|   | Stand Cobra 40-25                        | 2308732     |
|   | <b>Air supply</b>                        |             |
|   | Set AirCoat regulator IceBreaker         | 2328611     |
|  | <b>Suction system</b>                    |             |
|   | Suction hose DN16-SSSt cpl.              | 2324110     |
|   | Suction hose DN25-SSSt cpl.              | 2324116     |
|   | 20L hopper                               | 2341278     |
|   | 2L hopper Cobra cpl.                     | 2344741     |
|  | Hopper set 5L Cobra                      | 2344505     |
|  | <b>Pump outlet &amp; material filter</b> |             |
|   | Inline filter DN6-PN270-G1/4" -SSSt      | 2324558     |
|  | <b>Hose packages AirCoat</b>             |             |
|   | AC-hose-DN4-PN270-1/4"NPS-7.5m-PA-T      | 2309706     |
|   | AC-hose-DN4-PN270-1/4"NPS-20.0m-PA-T     | 2309635     |
|   | AC-hose-DN4-PN270-1/4"NPS-15.0m-PA-T     | 2309634     |
|   | AC-hose-DN4-PN270-1/4"NPS-10.0m-PA-T     | 2312801     |
|   | AC-hose-DN3-PN270-1/4"NPS-10.0m-PA-T     | 9984596     |
|   | AC-hose-DN3-PN270-1/4"NPS-7.5m-PA-T      | 2309705     |
|  | <b>Material hose airless</b>             |             |
|   | HP-hose-DN4-PN270-1/4"NPS-7.5m-PA        | 9984573     |
|   | HP-hose-DN4-PN270-1/4"NPS-10.0m-PA       | 9984573-10  |
|   | HP-hose-DN4-PN270-1/4"NPS-15.0m-PA       | 9984573-15  |
|   | HP-hose-DN4-PN270-1/4"NPS-20.0m-PA       | 9984573-20  |
|   | HP-hose-DN6-PN270-1/4"NPS-10.0m-PA       | 9984418     |
|   | HP-hose-DN3-PN270-1/4"NPS-7.5m-PA        | 9984583     |



# Protective Coating piston pumps

With our large WAGNER IceBreaker piston pumps you are perfectly equipped for coatings with heavy corrosion protection. Whether in the production hall or offshore, these pumps fulfill all specific requirements such as robustness, reliability, a long service life and most importantly, an optimal spray pattern.



Leopard  
48-110



PROTEC  
95-150



PROTEC  
72-200



PROTEC  
60-240

| Processable material                      |   |   |   |   |
|---|---|---|---|---|
| Water-based material                      | ● | ● | ● | ● |
| Solvent-based material                    | ● | ● | ● | ● |
| Low viscosity (<40 sec. DIN No. 4)        | ● | ● | ● | ● |
| Medium viscosity (40...60 sec. DIN No. 4) | ● | ● | ● | ● |
| High viscosity (>60 sec. DIN No. 4)       | ● | ● | ● | ● |
| UV-sensitive material                     |   |   | ◐ | ◐ |
| Shear-sensitive material                  |   |   | ◐ | ◐ |
| Moisture-sensitive material               | ◐ | ◐ | ◐ | ◐ |
| Application                               |   |   |   |   |
| Airspray                                  |   |   |   |   |
| AirCoat 160 bar max.                      |   |   |   |   |
| AirCoat 250 bar max.                      |   |   |   |   |
| Airless 270 bar max.                      |   |   |   |   |
| Airless 400 bar max.                      | ● |   |   |   |
| Airless 530 bar max.                      |   | ● | ● | ● |
| Fluid delivery                            |   |   |   |   |
| Max. no. of guns                          |   |   |   |   |
| 1 spray gun, nozzle 0,017"                | ● | ● | ● | ● |
| 2 spray guns, nozzle 0,017"               | ● | ● | ● | ● |
| 3 spray guns, nozzle 0,017"               |   | ● | ● | ● |
| 4 spray guns, nozzle 0,017"               |   |   | ● | ● |
| 1 spray gun, nozzle 0,021"                | ● | ● | ● | ● |
| 2 spray guns, nozzle 0,021"               | ● | ● | ● | ● |
| 3 spray guns, nozzle 0,021"               |   | ● | ● | ● |
| 4 spray guns, nozzle 0,021"               |   |   |   |   |

- Suitable
- ◐ Suitable to a limited extent





# Leopard 48-110

## High-pressure piston pump



High-pressure piston pump, stainless steel, for airless applications of up to 370 bar and 6.6 l/min. Ideal e.g. for industrial coatings in the metal industry, smaller Protective Coating applications and long hose lines.

| Technical data                    |                 |
|-----------------------------------|-----------------|
| Multiplication ratio              | 48:1            |
| Material pressure                 | 370 bar         |
| Volumetric flow per double stroke | 110 cm³/DS      |
| Max. stroke rate                  | 60 DS/min       |
|                                   | 6.6 l/min       |
| Material inlet                    | M36x2 - M       |
| Material outlet                   | M24x1,5 - M     |
| Air inlet pressure range          | 2.5 bar - 8 bar |
| Compressed air connection         | F - G 1/2"      |
| Sound level at 6 bar air pressure | 74 dB(A)        |
| Material temperature range        | 5 °C - 80 °C    |
| Ambient temperature range         | 5 °C - 50 °C    |
| Material pH range                 | 3.5 pH - 9 pH   |
| Max. allowed inclination          | 10 °            |
| Weight                            | 36 kg           |

| Product variants              | Item no. |
|-------------------------------|----------|
| PistonP. Leopard 48-110 PE/L  | 2329495  |
| PistonP. Leopard 48-110 PE/T  | 2329493  |
| PistonP. Leopard 48-110 PE/TG | 2329490  |

### Processable materials

- Water and solvent-based material
- Hygroscopic material
- Pre-mixed 2K material
- Base material & catalysts
- Abrasive material

### Material-wetted parts

- Stainless steel
- Hard chrome
- PE
- Tungsten carbide
- PTFE

### Scope of delivery

- Pump incl. air pressure regulator
- Separating agent 250 cm³
- Grounding cable

### Order information

In addition to the basis pump, spraypacks with trolley and high-pressure filter/release are available as well as ready-to-spray spraypacks with suction hose, material hose and gun, including a separate air filter.



# PROTEC 95-150

## High-pressure piston pump



High-pressure piston pump, stainless steel, for airless applications of up to 530 bar and 9 l/min. Very robust and ideal for heavy corrosion protection.

| Technical data                    |                         |
|-----------------------------------|-------------------------|
| Multiplication ratio              | 95:1                    |
| Material pressure                 | 530 bar                 |
| Volumetric flow per double stroke | 150 cm <sup>3</sup> /DS |
| Max. stroke rate                  | 60 DS/min               |
| Flow rate per 60 DS               | 9 l/min                 |
| Material inlet                    | G 1 1/2" - F            |
| Material outlet                   | M24x1,5 - M             |
| Air inlet pressure range          | 2 bar - 5.6 bar         |
| Compressed air connection         | F - G 1"                |
| Sound level at 6 bar air pressure | 81 dB(A)                |
| Material temperature range        | 5 °C - 80 °C            |
| Ambient temperature range         | 5 °C - 50 °C            |
| Material pH range                 | 9 pH - 3.5 pH           |
| Max. allowed inclination          | 10 °                    |
| Weight                            | 58 kg                   |

| Product variants             | Item no. |
|------------------------------|----------|
| PistonP. PROTEC 95-150 PE/TG | 2409470  |



### Processable materials

- Water and solvent-based material
- Hygroscopic material
- Pre-mixed 2K material
- Base material & catalysts
- Abrasive material

### Material-wetted parts

- Stainless steel
- Hard chrome
- Tungsten carbide
- PTFE
- PE

### Scope of delivery

- Pump incl. air pressure regulator
- Separating agent 250 cm<sup>3</sup>
- Grounding cable

### Order information

In addition to the basis pump, spraypacks with trolley and high-pressure filter/release are available as well as ready-to-spray spraypacks with suction hose, material hose and gun, including a separate air filter.





# PROTEC 72-200

## High-pressure piston pump



| Technical data                    |                         |
|-----------------------------------|-------------------------|
| Multiplication ratio              | 72:1                    |
| Material pressure                 | 530 bar                 |
| Volumetric flow per double stroke | 200 cm <sup>3</sup> /DS |
| Max. stroke rate                  | 60 DS/min               |
| Flow rate per 60 DS               | 12 l/min                |
| Material inlet                    | G 1 1/2" - F            |
| Material outlet                   | M24x1,5 - M             |
| Air inlet pressure range          | 2.5 bar - 8 bar         |
| Compressed air connection         | F - G 1"                |
| Sound level at 6 bar air pressure | 81 dB(A)                |
| Material temperature range        | 5 °C - 80 °C            |
| Ambient temperature range         | 5 °C - 50 °C            |
| Material pH range                 | 3.5 pH - 9 pH           |
| Material pressure at pump inlet   | 20 bar                  |
| Max. allowed inclination          | 10 °                    |
| Weight                            | 58 kg                   |

| Product variants                | Item no. |
|---------------------------------|----------|
| PistonP. PROTEC 72-200 PE/T TC  | 2409801  |
| PistonP. PROTEC 72-200 PE/TG    | 2409774  |
| PistonP. PROTEC 72-200 PE/TG TC | 2409802  |

### Material-wetted parts

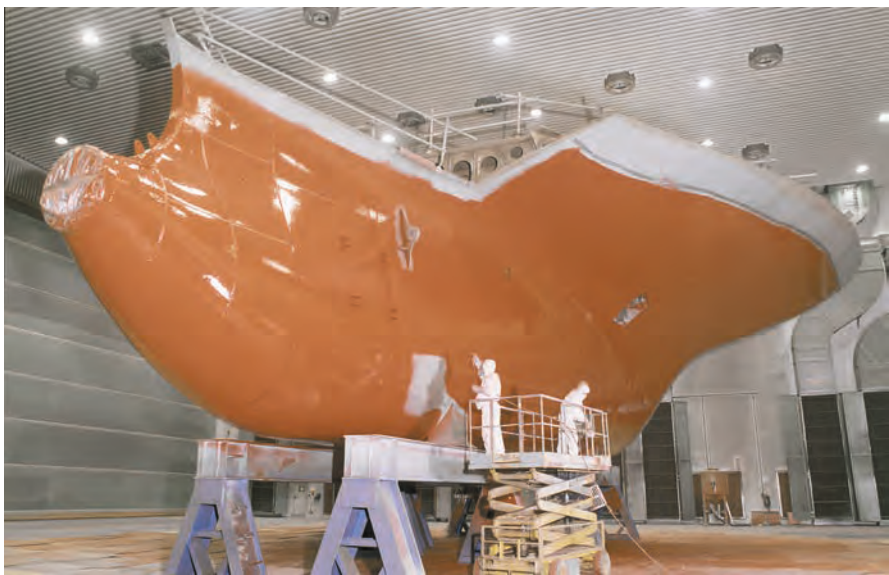
Stainless steel  
Hard chrome  
Tungsten carbide  
PTFE  
PE

### Scope of delivery

Pump incl. air pressure regulator  
Separating agent 250 cm<sup>3</sup>  
Grounding cable

### Order information

In addition to the basis pump, spraypacks with trolley and high-pressure filter/release are available as well as ready-to-spray spraypacks with suction hose, material hose and gun, including a separate air filter.



# PROTEC 60-240

## High-pressure piston pump



High-pressure piston pump, stainless steel, for airless applications of up to 480 bar and 14.4 l/min. Very robust and ideal for heavy corrosion protection.

| Technical data                    |                         |
|-----------------------------------|-------------------------|
| Multiplication ratio              | 60:1                    |
| Material pressure                 | 480 bar                 |
| Volumetric flow per double stroke | 240 cm <sup>3</sup> /DS |
| Max. stroke rate                  | 60 DS/min               |
| Material inlet                    | G 1 1/2" - F            |
| Material outlet                   | M24x1,5 - M             |
| Air inlet pressure range          | 2.5 bar - 8 bar         |
| Sound level at 6 bar air pressure | 81 dB(A)                |
| Material temperature range        | 5 °C - 80 °C            |
| Ambient temperature range         | 5 °C - 50 °C            |
| Material pH range                 | 3.5 pH - 9 pH           |
| Max. allowed inclination          | 10 °                    |
| Weight                            | 58 kg                   |

| Product variants                      | Item no. |
|---------------------------------------|----------|
| PistonP. PROTEC 60-240 PE/TG          | 2351205  |
| Spray pack configuration Finishing VC | 2333720  |



### Material-wetted parts

- Stainless steel
- Hard chrome
- Tungsten carbide
- Packing material depending on pump type
- PTFE

### Scope of delivery

- Operating manual
- CE declaration of conformity
- Pump incl. air pressure regulator
- Separating agent 250 cm<sup>3</sup>

### Order information

In addition to the basis pump, spraypacks with trolley and high-pressure filter/release are available as well as ready-to-spray spraypacks with suction hose, material hose and gun, including a separate air filter.

# Accessories Protective Coating piston pumps

WAGNER offers you an extensive range of accessories for Protective Coating piston pumps.  
Select your required components from the table.



|   | Leopard 48-110 | PROTEC 95-150 | PROTEC 72-200 | PROTEC 60-240 |         |
|---|----------------|---------------|---------------|---------------|---------|
| Mounting  |                |               |               |               |         |
| Wall mounting 6" cpl.                           | ●              |               |               |               | 2332145 |
| Trolley 6" cpl.                                 | ●              |               |               |               | 2325916 |
| Trolley PC                                      | ●              | ●             | ●             | ●             | 2339705 |
| Wall mounting 9" cpl.                           |                | ●             | ●             | ●             | 369020  |
| Air supply                                      |                |               |               |               |         |
| Air filter set PC                               |                | ●             | ●             | ●             | 2339851 |
| Suction system                                  |                |               |               |               |         |
| Suction hose DN25-SSt cpl.                      | ●              |               |               |               | 2323239 |
| Suction hose DN25-SSt cpl.                      | ●              |               |               |               | 2324116 |
| Suction fitting G1 1/2" for M36 suction systems |                | ●             | ●             | ●             | 2329563 |
| Suction hose G1 1/2"-270-SSt. cpl.              | ●              | ●             | ●             | ●             | 370151  |
| Suction hose G1 1/2"-475-SSt. cpl.              |                | ●             | ●             | ●             | 369151  |
| Suction hose DN38-PC cpl.                       |                | ●             | ●             | ●             | 2325815 |
| Fitting DF-MM-R1 1/2"-M36-PN15-SSt*             |                | ●             | ●             | ●             | 2329563 |
| Pump outlet & material filter                   |                |               |               |               |         |
| HP filter DN12-PN530-SSt IceBreaker             | ●              | ●             | ●             | ●             | 2329025 |
| HP filter DN12-PN530-CS cpl.                    | ●              | ●             | ●             | ●             | 2339900 |
| Release combination PC                          | ●              | ●             | ●             | ●             | 2347275 |
| Return  |                |               |               |               |         |
| Return hose DN6-G1/4"-100mm-PA                  | ●              | ●             | ●             | ●             | 2331752 |
| Return hose DN6-G1/4"-PA                        | ●              | ●             | ●             | ●             | 2329046 |
| Circulation hose DN6-G1/4"-1.8-PA               | ●              | ●             | ●             | ●             | 2331017 |
| Circulation hose DN6-G1/4"-2.8-PA               | ●              | ●             | ●             | ●             | 2331014 |
| Material hose Airless                           |                |               |               |               |         |
| HP-hose-DN10-PN530-3/8"NPS-15.0m-PA             | ●              | ●             | ●             | ●             | 9987118 |
| HP-hose-DN6-PN530-1/4"NPS-10.0m-PA              | ●              | ●             | ●             | ●             | 9984421 |
| Fitting-DF-MM-1/4NPSM-3/8NPSM-530bar-SSt        | ●              | ●             | ●             | ●             | 367561  |
| HP-hose-DN6-PN530-1/4"NPS-1.5m-PA               | ●              | ●             | ●             | ●             | 9987117 |
| Heater  |                |               |               |               |         |
| Heater set PC                                   | ●              | ●             | ●             | ●             | 2339728 |

# Low-pressure diaphragm pumps

The pneumatic double diaphragm pumps were designed specifically for reduced air consumption coupled with high performance and reliability. They can be used for corrosive, abrasive and highly viscous liquid media. These pumps cover a broad application spectrum, including the feeding of paint supply systems; the feeding and circulation of printing ink, solvents, paints, chemicals and oils; the disposal of liquid waste; the supply of low-viscosity adhesives; and the filling/emptying of tanks, drums and containers.



| Max. material pressure                 |      |      |      |   |
|--|------|------|------|---|
| 8 bar, 116 PSI                         |      | ●    |      | ● |
| 27 bar, 392 PSI                        | ●    |      |      |   |
| Material inlet connection              |      |      |      |   |
| 1/2" BSP                               |      | ●    |      | ● |
| 3/8" BSP                               |      |      |      |   |
| 3/4" BSP                               | ●    |      |      |   |
| 1" BSP                                 |      |      |      |   |
| Volumetric flow                        |      |      |      |   |
| At 10 DS/min [l/min.]                  | 2.50 | 1.00 | 0.60 |   |
| At 20 DS/min [l/min.]                  | 5.00 | 2.00 | 1.20 |   |
| At 30 DS/min [l/min.]                  | 7.50 | 3.00 | 1.80 |   |
| Free flow (water at max. air pressure) |      |      |      |   |
| 8,1 l/min                              | ●    |      |      |   |
| 10 l/min                               |      |      |      |   |
| 28 l/min                               |      |      | ●    |   |
| 52 l/min                               |      | ●    |      |   |
| 80 l/min                               |      |      |      |   |
| 182 l/min                              |      |      |      |   |

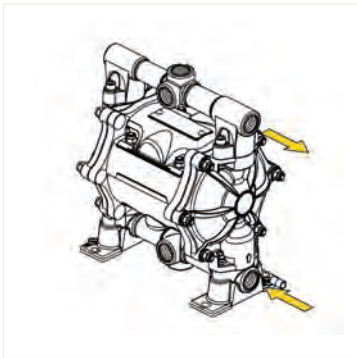




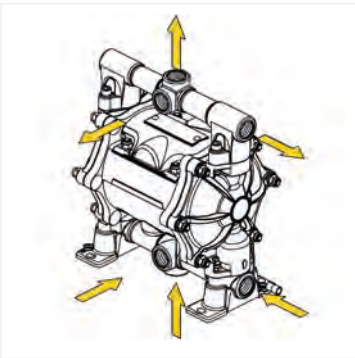
# Low-pressure diaphragm pumps

## Overview connections

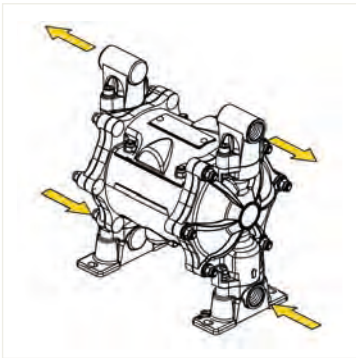
| Description                  | Part No.   | Pump body material | Diaphragm material | Valve seat material | Ball material   |
|------------------------------|------------|--------------------|--------------------|---------------------|-----------------|
| DDP Zip52 ATSS7              | U550.ATSS7 | Alu                | PTFE               | Stainless steel     | Stainless steel |
| DDP Zip52 ATSS8              | U550.ATSS8 | Alu                | PTFE               | Stainless steel     | Stainless steel |
| DDP ZIP52 STSS7              | U550.STSS7 | SSt                | PTFE               | Stainless steel     | Stainless steel |
| DDP Zip52 PTSS7              | U552.PTSS7 | Polypropylene      | PTFE               | Stainless steel     | SSt             |
| DDP ZIP52 GHSS1              | U552.GHSS1 | Acetal (POM)       | PTFE               | Stainless steel     | Stainless steel |
| DDP ZIP52 GHSS7              | U552.GHSS7 | Acetal (POM)       | PTFE               | Stainless steel     | Stainless steel |
| DDP Zip52 PF ATSS7           | U551.ATSS7 | Alu                | PTFE               | Stainless steel     | Stainless steel |
| DDP Zip52 PF PHSD7           | U553.PHSD7 | PP                 | PE                 | Stainless steel     | Acetal          |
| DDP Zip52 PF PTSS7           | U553.PTSS7 | PP                 | PTFE               | Stainless steel     | SSt             |
| DDP ZIP52 Perfect Flow GTSS1 | U553.GTSS1 | Acetal (POM)       | PTFE               | Stainless steel     | Stainless steel |
| DDP Zip80 ATSS7              | U555.ATSS7 | Alu                | PTFE               | Stainless steel     | SSt             |
| DDP ZIP182 ATSS1             | U560.ATSS1 | Al                 | PTFE               | SSt                 | Stainless steel |



Connection 1  
(last no. of description / part no.)



Connection 7  
(last no. of description / part no.)



Connection 8  
(last no. of description / part no.)



# Unica 4-270

## Low-pressure diaphragm pump



Double diaphragm pump 4.5:1 for product transport and circulating systems. For pressures up to 27 bar and 8 l/min.

| Technical data                    |               |
|-----------------------------------|---------------|
| Multiplication ratio              | 4,5:1         |
| Material pressure                 | 27 bar        |
| Volumetric flow per double stroke | 270 cm³/DS    |
| Max. stroke rate                  | 30 DS/min     |
|                                   | 8.1 l/min     |
| Material inlet                    | G 3/4" - F    |
| Material outlet                   | G 3/4" - F    |
| Air inlet pressure range          | 2 bar - 8 bar |
| Compressed air connection         | F - G 1/2"    |
| Sound level at 6 bar air pressure | 78 dB(A)      |
| Material temperature range        | 5 °C - 80 °C  |
| Ambient temperature range         | 4 °C - 40 °C  |
| Material pH range                 | 3.5 pH - 9 pH |
| Max. allowed inclination          | 10 °          |
| Weight                            | 45 kg         |

| Product variants | Item no.   |
|------------------|------------|
| Unica 4-270      | U580.00    |
| Unica MP 4-270   | U581.00    |
| Unica 4-270 HRD  | U580.00HRD |

### Processable materials

- Water and solvent-based material
- Base material & catalysts
- Shear sensitive material

### Material-wetted parts

- Stainless steel
- PTFE
- POM

### Scope of delivery

- Pump with air pressure regulator

### Order information

Please order air supply, suction system and other accessories separately.



# Zip 52

## Low-pressure diaphragm pump



Double diaphragm pump for material transport and circulating systems. Up to 8 bar and 52 l/min.



| Technical data                    |                         |
|-----------------------------------|-------------------------|
| Multiplication ratio              | 1:1                     |
| Material pressure                 | 8 bar                   |
| Volumetric flow per double stroke | 108 cm <sup>3</sup> /DS |
| Volumetric flow at free flow      | 52 l/min                |
| Material inlet                    | G 1/2" - F              |
| Material outlet                   | G 1/2" - F              |
| Air inlet pressure range          | 1.5 bar - 8 bar         |
| Compressed air connection         | M - G 1/4"              |
| Sound level at 6 bar air pressure | 73 dB(A)                |
| Material temperature range        | 4 °C - 90 °C            |
| Ambient temperature range         | 4 °C - 40 °C            |
| Weight                            | 3.8 kg                  |

| Product variants               | Item no.   |
|--------------------------------|------------|
| DDP Zip52 Alu                  | U550.ATRD7 |
| DDP Zip52 Alu                  | U550.ATSS7 |
| DDP Zip52 Alu                  | U550.ATSS8 |
| replaced by U552.GHSS7         | U552.GHSS1 |
| DDP ZIP52 GHSS7                | U552.GHSS7 |
| DDP Zip52 PF ATSS7             | U551.ATSS7 |
| Phasing out-DDP ZIP52 PF GTSS1 | U553.GTSS1 |
| DDP Zip52 PF PHSD7             | U553.PHSD7 |
| DDP Zip52 PF PTSS7             | U553.PTSS7 |
| DDP Zip52 PTSS7                | U552.PTSS7 |
| Replace by U550.STSS7-A        | U550.STSS7 |

Processable materials

- Water and solvent-based material
- Base material & catalysts
- Oils
- Water and waste water
- Coolant lubricants
- Adhesives
- Abrasive material
- Chemical liquids

Material-wetted parts

- Depending on the version
- Aluminum
- PTFE
- UHMW-PE
- Stainless steel
- POM
- PPS
- PP

Scope of delivery

Without air-supply pressure regulator

Order information

Please order air supply, suction system and other accessories separately.



# Zip 80

## Low-pressure diaphragm pump



Double diaphragm pump for material transport and circulating systems. Up to 8 bar and 80 l/min.

| Technical data                    |                         |
|-----------------------------------|-------------------------|
| Multiplication ratio              | 1:1                     |
| Material pressure                 | 8 bar                   |
| Volumetric flow per double stroke | 225 cm <sup>3</sup> /DS |
| Volumetric flow at free flow      | 80 l/min                |
| Material inlet                    | G 3/4" - F              |
| Material outlet                   | G 3/4" - F              |
| Air inlet pressure range          | 2.2 bar - 8 bar         |
| Compressed air connection         | M - G 1/4"              |
| Sound level at 6 bar air pressure | 79 dB(A)                |
| Material temperature range        | 4 °C - 90 °C            |
| Ambient temperature range         | 4 °C - 40 °C            |
| Weight                            | 5.4 kg                  |

| Product variants                   | Item no.   |
|------------------------------------|------------|
| DDP Zip80 ATSS7                    | U555.ATSS7 |
| Phase out-DDP Zip80 Inox vert/vert | U555.STSS4 |

### Processable materials

- Water and solvent-based material
- Base material & catalysts
- Oils
- Water and waste water
- Coolant lubricants
- Adhesives
- Abrasive material

### Material-wetted parts

- Aluminum
- PTFE
- Stainless steel

### Scope of delivery

Without air supply pressure regulator

### Order information

Please order air supply, suction system and other accessories separately.





# PM 500

## Low-pressure diaphragm pump

Double diaphragm pump for material transport/conveying and circulating systems. Ideal for paint supply. Up to 8 bar material pressure.



| Technical data                    |                         |
|-----------------------------------|-------------------------|
| Multiplication ratio              | 1:1                     |
| Material pressure                 | 8 bar                   |
| Volumetric flow per double stroke | 500 cm <sup>3</sup> /DS |
| Volumetric flow at free flow      | 75 l/min                |
| Material inlet                    | G 1" - F                |
| Material outlet                   | G 1" - F                |
| Air inlet pressure range          | 2 bar - 8 bar           |
| Compressed air connection         | M - G 1/4"              |
| Sound level at 6 bar air pressure | 81 dB(A)                |
| Material temperature range        | 4 °C - 90 °C            |
| Ambient temperature range         | 4 °C - 60 °C            |
| Weight                            | 13.8 kg                 |

| Product variants    | Item no. |
|---------------------|----------|
| DDP PM500 varnish   | U509.A0  |
| Pump PM 500 varnish | U509.A0A |

### Processable materials

- Water and solvent-based material
- Base material & catalysts
- Oils
- Inks
- Abrasive material

### Material-wetted parts

- Aluminum
- PTFE
- Stainless steel

### Scope of delivery

- Pump incl. air pressure regulator

### Order information

Please order air supply, suction system and other accessories separately.





# Zip 182

## Low-pressure diaphragm pump



Double diaphragm pump for material transport and circulating systems. Up to 8 bar and 182 l/min.

| Technical data                    |                         |
|-----------------------------------|-------------------------|
| Multiplication ratio              | 1:1                     |
| Material pressure                 | 8 bar                   |
| Volumetric flow per double stroke | 710 cm <sup>3</sup> /DS |
| Volumetric flow at free flow      | 180 l/min               |
| Material inlet                    | G 1" - F                |
| Material outlet                   | G 1" - F                |
| Air inlet pressure range          | 1 bar - 8 bar           |
| Compressed air connection         | M - G 1/2"              |
| Sound level at 6 bar air pressure | 78 dB(A)                |
| Material temperature range        | 4 °C - 90 °C            |
| Ambient temperature range         | 4 °C - 40 °C            |
| Weight                            | 12.5 kg                 |

| Product variants | Item no.   |
|------------------|------------|
| DDP ZIP182 ATSS1 | U560.ATSS1 |

### Processable materials

- Water and solvent-based material
- Base material & catalysts
- Oils
- Water and waste water
- Coolant lubricants
- Adhesives
- Abrasive material

### Material-wetted parts

- Aluminum
- PTFE
- Stainless steel

### Scope of delivery





Without air supply pressure regulator

### Order information

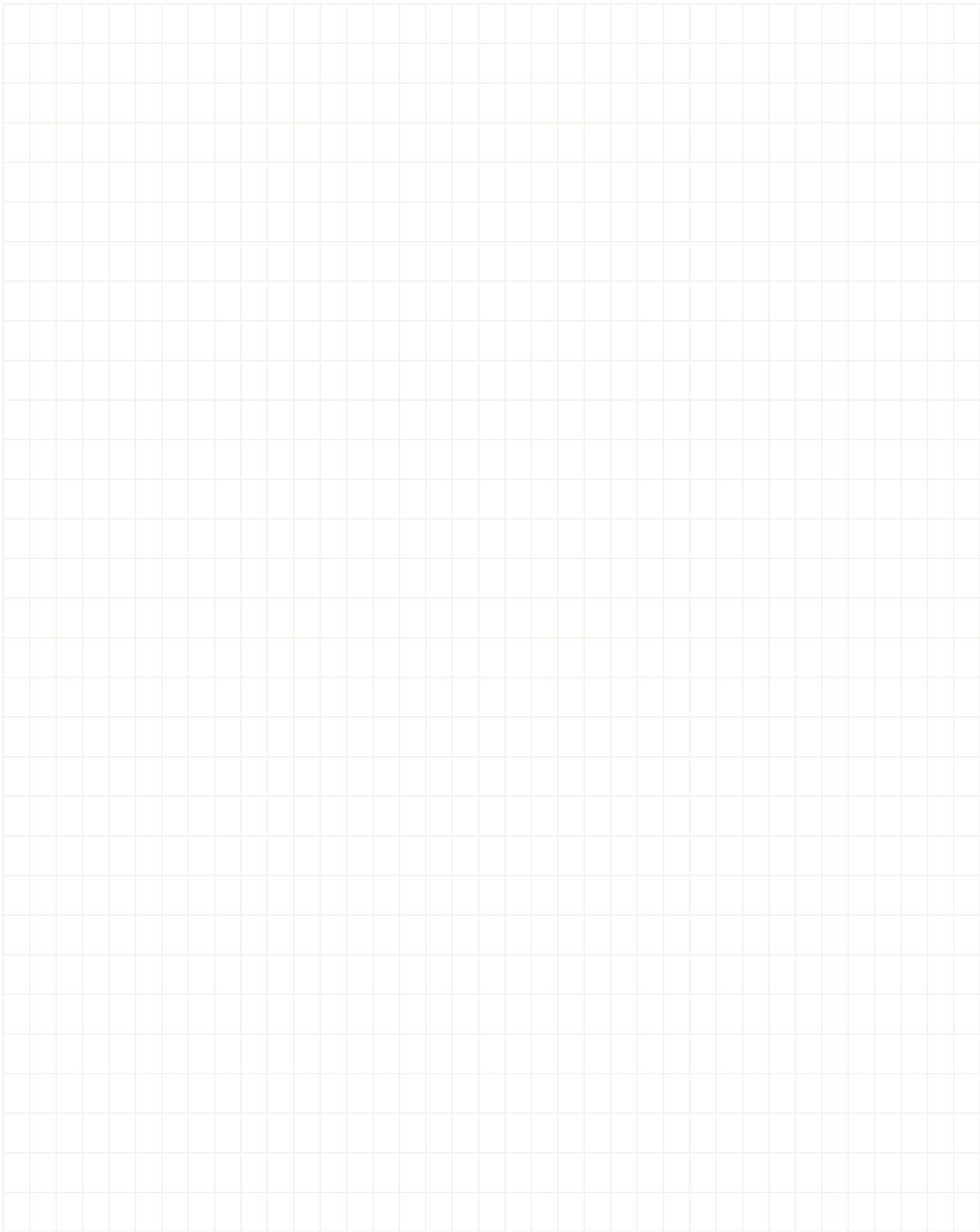
Please order air supply, suction system and other accessories separately.

# Accessories low-pressure diaphragm pumps

WAGNER offers you an extensive range of accessories for low-pressure diaphragm pumps.  
Select your required components from the table.

|   | Unica 4-270                           | Zip 52 | Zip 80 | PM 500 | Zip 182 |            |
|---|---------------------------------------|--------|--------|--------|---------|------------|
|    | <b>Mounting</b>                       |        |        |        |         |            |
|   | Stand Unica 4-270                     | ●      |        |        |         | T6148.00   |
|   | Wall mounting Unica 4-270             | ●      |        |        |         | T6151.00   |
|   | Wall mounting Zip52                   |        | ●      |        |         | T760.00M   |
|   | Wall mounting Zip52/80 basic pump     |        | ●      | ●      | ●       | T600.573   |
|   | Stand Zip 52                          |        | ●      |        |         | T760.00S   |
|   | Trolley Zip 52                        |        | ●      |        |         | T760.00SR  |
|  | <b>Air supply</b>                     |        |        |        |         |            |
|   | Air pressure regulator for DD 4:1     | ●      |        |        |         | T6152.00   |
|   | Air pressure regulator                |        | ●      | ●      | ●       | P123.00    |
|   | Manometer 010 1/8X52                  |        | ●      | ●      | ●       | P903.00    |
|   | Flow rate control valve ZIP           |        | ●      | ●      | ●       | T600.523   |
|   | <b>Suction system</b>                 |        |        |        |         |            |
|   | Flex. suction hose DN25-G3/4"-S-SSt   | ●      |        |        |         | T4021.00I  |
|   | Flex. suction hose DN 16 SSt cpl.     |        | ●      | ●      |         | T406.00    |
|  | <b>Material pressure regulator</b>    |        |        |        |         |            |
|   | MPR 40/0.5-8 bar pneum. SSt           | ●      | ●      | ●      | ●       | T0170.00BI |
|   | MPR 25/0.5-5 bar man. Alu             |        | ●      | ●      | ●       | T0170.00A  |
|   | MPR 25/0.5-8 bar pneum. Alu           |        | ●      | ●      | ●       | T0170.00B  |
|   | MPR 25/0.5-5 bar man. SSt             |        | ●      | ●      | ●       | T0170.00AI |
|   | <b>Service sets</b>                   |        |        |        |         |            |
|   | Service set Unica springloaded valves | ●      |        |        |         | T6169.00   |





# Low-pressure piston pumps

The WAGNER IceBreaker low-pressure piston pumps are the ideal solution for reliable and low-maintenance paint supply systems of all sizes. The strong and energy-efficient air motors always have sufficient reserves even at large material flow rates and work entirely without icing – especially in continuous operation.



| Processable material                      |   |   |   |   |   |
|---|---|---|---|---|---|
| Water-based material                      | ● | ● | ● | ● |   |
| Solvent-based material                    | ● | ● | ● | ● | ● |
| Low viscosity (<40 sec. DIN No. 4)        | ● | ● | ● | ● | ● |
| Medium viscosity (40...60 sec. DIN No. 4) | ● | ● |   | ● | ● |
| High viscosity (>60 sec. DIN No. 4)       |   | ● |   | ● |   |
| UV-sensitive material                     |   |   | ◐ | ◐ |   |
| Shear-sensitive material                  |   |   | ◐ | ◐ |   |
| Moisture-sensitive material               |   |   | ◐ | ◐ |   |
| Application                               |   |   |   |   |   |
| Airspray                                  | ● | ● |   |   |   |
| AirCoat 160 bar max.                      |   |   |   |   |   |
| AirCoat 250 bar max.                      |   |   |   |   |   |
| Airless 270 bar max.                      |   |   |   |   |   |
| Airless 400 bar max.                      |   |   |   |   |   |
| Airless 530 bar max.                      |   |   |   |   |   |
| Fluid delivery                            | ● | ● | ● | ● | ● |

- Suitable
- ◐ Suitable to a limited extent



# EvoMotion 5-60S

## Low-pressure piston pump



Low-pressure feeding pump for airspray applications with high-viscosity material or long hose lines. Up to 40 bar and 3.6 l/min.

| Technical data                    |                        |
|-----------------------------------|------------------------|
| Multiplication ratio              | 5:1                    |
| Material pressure                 | 40 bar                 |
| Volumetric flow per double stroke | 60 cm <sup>3</sup> /DS |
| Max. stroke rate                  | 60 DS/min              |
|                                   | 3.6 l/min              |
| Material inlet                    | M36x2 - M              |
| Material outlet                   | G 3/8" - F             |
| Air inlet pressure range          | 2.5 bar - 8 bar        |
| Compressed air connection         | 8 mm                   |
| Sound level at 6 bar air pressure | 63 dB(A)               |
| Material temperature range        | 5 °C - 80 °C           |
| Ambient temperature range         | 5 °C - 50 °C           |
| Material pH range                 | 9 pH - 3.5 pH          |
| Max. allowed inclination          | 10 °                   |
| Weight                            | 13 kg                  |

| Product variants             | Item no. |
|------------------------------|----------|
| PistonP. EvoMotion 5-60 PE/T | 2329535  |

### Processable materials

- Water and solvent-based material
- Base material & catalysts
- Pre-mixed 2K material
- Separating agents

### Material-wetted parts

- Stainless steel
- PTFE
- Hard chrome
- Tungsten carbide

### Scope of delivery

- Pump with air pressure regulator
- Separating agent 250 cm<sup>3</sup>
- Grounding cable

### Order information

The suction system, material filter and mounting accessories must be selected from the accessories program in addition to the pump.



# Puma 3-600

## Low-pressure piston pump



Low-pressure piston pump, stainless steel, for larger feeding and circulating systems up to 30 l/min.

| Technical data                    |                         |
|-----------------------------------|-------------------------|
| Multiplication ratio              | 3:1                     |
| Material pressure                 | 24 bar                  |
| Volumetric flow per double stroke | 600 cm <sup>3</sup> /DS |
| Max. stroke rate                  | 50 DS/min               |
| Flow rate per 50 DS               | 30 l/min                |
| Material inlet                    | M36x2 - M               |
| Material outlet                   | M24x1,5 - M             |
| Air inlet pressure range          | 2.5 bar - 8 bar         |
| Compressed air connection         | F - G 1/2"              |
| Sound level at 6 bar air pressure | 74 dB(A)                |
| Material temperature range        | 5 °C - 80 °C            |
| Material pH range                 | 3.5 pH - 9 pH           |
| Material pressure at pump inlet   | 5 bar                   |
| Max. allowed inclination          | 10 °                    |
| Weight                            | 35 kg                   |

| Product variants        | Item no. |
|-------------------------|----------|
| PistonP. Puma 3-600 USA | 2329531  |



### Processable materials

Water and solvent-based material  
Base material & catalysts  
Metallic paints

### Material-wetted parts

Stainless steel  
Hard chrome  
Tungsten carbide  
PE  
PTFE

### Scope of delivery

Pump with air pressure regulator  
Separating agent 250 cm<sup>3</sup>  
Grounding cable

### Order information

The suction system, material filter and mounting accessories must be selected from the accessories program in addition to the pump.





# Leopard 8-600

## Low-pressure piston pump



Low-pressure piston pump, stainless steel, for larger feeding and circulating systems up to 30 l/min.

| Technical data                    |                         |
|-----------------------------------|-------------------------|
| Volumetric flow per double stroke | 600 cm <sup>3</sup> /DS |
| Max. stroke rate                  | 50 DS/min               |
| Flow rate per 50 DS               | 30 l/min                |
| Material inlet                    | M36x2 - M               |
| Material outlet                   | M24x1,5 - M             |
| Air inlet pressure range          | 2.5 bar - 8 bar         |
| Compressed air connection         | F - G 1/2"              |
| Sound level at 6 bar air pressure | 78 dB(A)                |
| Material temperature range        | 5 °C - 80 °C            |
| Material pH range                 | 3.5 pH - 9 pH           |
| Material pressure at pump inlet   | 5 bar                   |
| Max. allowed inclination          | 10 °                    |
| Weight                            | 43 kg                   |

| Product variants             | Item no. |
|------------------------------|----------|
| PistonP. Leopard 8-600 PE/TG | 2329533  |

### Processable materials

Water and solvent-based material  
Metallic paints  
Base material & catalysts

### Material-wetted parts

Stainless steel  
Hard chrome  
Tungsten carbide  
PE  
PTFE

### Scope of delivery

Pump with air pressure regulator  
Separating agent 250 cm<sup>3</sup>  
Grounding cable

### Order information

The suction system, material filter and mounting accessories must be selected from the accessories program in addition to the pump.

# EvoMotion 5-125

## Low-pressure piston pump



Low-pressure piston pump, stainless steel, for material feeding up to 40 bar and 7.5 l/min. For suction directly from 200 L drums with bung hole. With scoop piston for viscous material. Ideally suited as feeding pump.

| Technical data                    |                         |
|-----------------------------------|-------------------------|
| Material pressure                 | 40 bar                  |
| Volumetric flow per double stroke | 125 cm <sup>3</sup> /DS |
| Max. stroke rate                  | 60 DS/min               |
| Flow rate per 60 DS               | 7.5 l/min               |
| Material outlet                   | G 1/2" - F              |
| Air inlet pressure range          | 2 bar - 8 bar           |
| Compressed air connection         | 8 mm                    |
| Sound level at 6 bar air pressure | 69 dB(A)                |
| Material temperature range        | 5 °C - 80 °C            |
| Ambient temperature range         | 5 °C - 60 °C            |
| Weight                            | 25 kg                   |

| Product variants     | Item no.  |
|----------------------|-----------|
| EvoMotion 5-125 PE/T | U1B05125D |



Processable materials

- High-viscosity materials
- Adhesives
- Thickfilm material

Material-wetted parts

- Stainless steel
- Carbon Steel
- PTFE
- PE

Scope of delivery

- Pump without air regulator
- Separating agent 250 cm<sup>3</sup>

Order information

The suction system, material filter and mounting accessories must be selected from the accessories program in addition to the pump.

# Accessories low-pressure piston pumps

WAGNER offers you an extensive range of accessories for low-pressure piston pumps.  
Select your required components from the table.



|                                     | Puma 8-300 | Leopard 8-600 | EvoMotion 5-60S | EvoMotion 5-125 |          |
|-------------------------------------|------------|---------------|-----------------|-----------------|----------|
| Mounting                            |            |               |                 |                 |          |
| Wall mounting 4" cpl.               | ●          |               | ●               |                 | 2332143  |
| Trolley 4" cpl.                     | ●          |               | ●               |                 | 2325901  |
| Wall mounting 6" cpl.               |            | ●             |                 |                 | 2332145  |
| Stand 4" cpl.                       |            |               | ●               |                 | 2332374  |
| Air supply                          |            |               |                 |                 |          |
| Set air regulator pump              |            |               |                 | ●               | T6140.00 |
| Suction system                      |            |               |                 |                 |          |
| Suction hose DN25-SSt cpl.          | ●          | ●             | ●               |                 | 2323239  |
| Suction hose DN25-SSt cpl.          | ●          | ●             | ●               |                 | 2324116  |
| Suction hose DN16-SST cpl.          |            |               | ●               |                 | 2324158  |
| Suction hose DN16-SSt cpl.          |            |               | ●               |                 | 2324110  |
| Hopper set 5L for piston pumps      |            |               | ●               |                 | 2332169  |
| Pump outlet & material filter       |            |               |                 |                 |          |
| HP filter DN12-PN530-SSt IceBreaker | ●          | ●             |                 |                 | 2329025  |
| HP filter DN10-PN270-SSt IceBreaker | ●          | ●             |                 |                 | 2329024  |
| Ball valve-R1/4"-G1/4"-PN530-SSt    |            |               | ●               |                 | 2334488  |
| Ball valve-R1/4"-G1/4"-PN350-CS EM  |            |               | ●               |                 | 2334472  |
| Return                              |            |               |                 |                 |          |
| Return hose DN6-G1/4"-100mm-PA      | ●          | ●             | ●               |                 | 2331752  |
| Return hose DN6-G1/4"-PA            | ●          | ●             | ●               |                 | 2329046  |
| Circulation hose DN6-G1/4"-1.8-PA   | ●          | ●             | ●               |                 | 2331017  |
| Circulation hose DN6-G1/4"-2.8-PA   | ●          | ●             | ●               |                 | 2331014  |



# Immediately ready for flexible use.



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## Spraypacks finishing airspray

We offer predefined spraypacks for the application of paints, lacquers, release agents and adhesives using the airspray process. These include standard spraypacks as well as special solutions for the electrostatic coating of solvent and water-based paints. AquaCoat spraypacks enable an easy application of water-based paints while at the same time providing a high level of safety for the user. Configured spraypacks with the TwinControl mixing units complete the range.



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## Spraypacks finishing AirCoat/Airless

With our AirCoat and airless spraypacks you can master most industrial coating tasks. Whether stationary on a wall bracket with frame or for mobile use on a practical trolley — with our predefined solutions you are always well equipped. In the field of AirCoat and airless we offer standard spraypacks as well as solutions for electrostatic applications and special spraypacks with our AquaCoat and TwinControl systems.



## Spraypacks

WAGNER offers you a large selection of pre-defined spraypacks. Use the tables to select the variant that suits you best. If required, it is also possible to configure your individual spraypack via your sales partner or the WAGNER web shop. In this way you always receive a coating solution perfectly tailored to your needs.




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### Spraypacks PROTEC 2K

These spraypacks support you in demanding applications on the construction site. Whether as a basic spraypack or complete ready-to-spray system with suction/material hose, gun, nozzle and air filter. In combination with the TwinControl mixing units, for example, highly viscous, abrasive corrosion protection materials can also be applied. Wherever highly filled 2K materials are used, the PROTEC 2K mixing and dosing system takes over both the precise dosing of the components and the complex mixing.

# Spraypacks airspray finishing with GM 1030P

WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best. You also have the possibility to configure your individual spraypack via your sales partner or the webshop.

|   |   |         |  |  |  |                  |
|---|---|---------|--|--|--|------------------|
|  |   |         |  |  |  |                  |
|   | Zip52 incl. material pressure regulator, suction hose, wall mount, GM 1030P HVL P 1.2 mm  | 2409878 |  |  |  |                  |
|   | Zip52 incl. material pressure regulator, suction hose, stand with GM 1030P HVL P 1.2 mm   | 2409297 |  |  |  |                  |
|   | Zip52 incl. material pressure regulator, hopper, stand with GM 1030P HVL P 1.2 mm         | 2409870 |  |  |  |                  |
|   | Zip52 incl. material pressure regulator, suction hose, trolley, GM 1030P HVL Pplus 1.2 mm | 2409866 |  |  |  |                  |
|   | Zip52 incl. material pressure regulator, suction hose, trolley, GM 1030P HVL Pplus 1.2 mm | 2409871 |  |  |  |                  |
| Gun   |   |         |  |  |  |                  |
| GM 1030P HVL Pplus 1.2 mm   |   |         |  |  |  | 2400821          |
| Mountings   |   |         |  |  |  |                  |
| Wall mount Zip52  |   |         |  |  |  | T760.00M         |
| Stand ZIP large   |   |         |  |  |  | T760.00S         |
| Trolley 6" cpl.   |   |         |  |  |  | 2325916          |
| Suction system  |   |         |  |  |  |                  |
| Suction hose ZIP  |   |         |  |  |  | -                |
| Zip5 52 5L hopper   |   |         |  |  |  | 2328487          |
| Circulation & filter  |   |         |  |  |  |                  |
| With filter & circulation   |   |         |  |  |  | -                |
| With material pressure regulator  |   |         |  |  |  | -                |
| Pump  |   |         |  |  |  |                  |
| Zip Alu   |   |         |  |  |  | U760.00 & 236219 |
| Hose packages GM 1030P  |   |         |  |  |  |                  |
| LP hose package Flex DN6 7.5 m  |   |         |  |  |  | 2405455          |



DD10 with circulation/filter, suction hose, wall mount, GM 1030P HVLPlus 1.0 mm  
**2409879**

DD10 with circulation/filter, suction hose, stand large, GM 1030P HVLPlus 1.0 mm  
**2409869**

DD10 with circulation/filter, hopper, stand large, GM 1030P HVLPlus 1.0 mm  
**2409868**

DD10 with circulation/filter, suction hose, trolley, GM 1030P Conv. 1.2 mm  
**2409859**

DD10 incl. circulation/filter, hopper, trolley, GM 1030P Conv. 1.2 mm  
**2409865**

| Gun                            |   |   |   |   |   |         |
|--------------------------------|---|---|---|---|---|---------|
| GM 1030P HVLPlus 1.2 mm        | ● | ● | ● | ● | ● | 2400821 |
| GM 1030P HVLPlus 1.2 mm        |   |   |   |   | ● | 2400802 |
| Mountings                      |   |   |   |   |   |         |
| Wall mount                     | ● |   |   |   |   | -       |
| DD10 stand large               |   | ● | ● |   |   | 2368206 |
| Trolley 6" cpl.                |   |   |   | ● | ● | 2325916 |
| Suction system                 |   |   |   |   |   |         |
| Suction hose                   | ● | ● |   | ● |   | -       |
| Hopper set 5L for ZIP          |   |   | ● |   | ● | 2397216 |
| Circulation & filter           |   |   |   |   |   |         |
| With filter & circulation      | ● | ● | ● | ● | ● | -       |
| Pump                           |   |   |   |   |   |         |
| DD10                           | ● | ● | ● | ● | ● | 2414299 |
| Hose packages GM 1030P         |   |   |   |   |   |         |
| LP hose package Flex DN6 7.5 m | ● | ● | ● | ● | ● | 2405455 |

# Spraypacks Airspray Finishing with GM 5000 EA

WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best. You also have the possibility to configure your individual spraypack via your sales partner or the webshop.



Set GM 5000EA VC - VM 500  
**2328706**

Set GM 5000EA VC- VM 5000  
**2328707**

| Mountings                   |   |   |         |
|-----------------------------|---|---|---------|
| Bracket control unit cpl.   | ● | ● | 2327509 |
| Filter inserts              |   |   |         |
| Edge filter 100 mesh        |   |   | 3204605 |
| Gun                         |   |   |         |
| GM 5000EA                   | ● | ● | 2309870 |
| GM 5000EAC                  |   |   | 2309871 |
| Nozzles - flat jet          |   |   |         |
| Nozzle EAF 5000 - 1.0 mm    | ● | ● | 2310541 |
| Nozzle ACF5000 11/40        |   |   | 395411  |
| Air caps - flat jet         |   |   |         |
| Air cap EAF 5000 - 1.0-1.4W | ● | ● | 2314256 |
| Air cap ACF 5000 - LV (red) |   |   | 2309882 |
| Control units               |   |   |         |
| Control unit VM 500         | ● |   | 2310478 |
| Control unit VM 5000        |   | ● | 2310477 |
| Hose packages airspray      |   |   |         |
| Hose set GM 5000EA (7.5 m)  | ● | ● | 2339167 |
| Hose packages AirCoat       |   |   |         |
| Hose set GM 5000EAC (7.5 m) |   |   | 2339171 |

# Spraypacks Airspray Finishing with AquaCoat

WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best.  
You also have the possibility to configure your individual spraypack via your sales partner or the webshop.



Basic set AQ5010 LP manual Zip52,  
GM 5020EAW  
**2364014**

Basic set AQ5010 LP manual DD10,  
GM 5020EAW  
**2364016**


Basic set AQ5020 LP manual Zip52,  
GM 5020EAW  
**2364018**

Basic set AQ5020 LP manual DD10,  
GM 5020EAW  
**2364019**

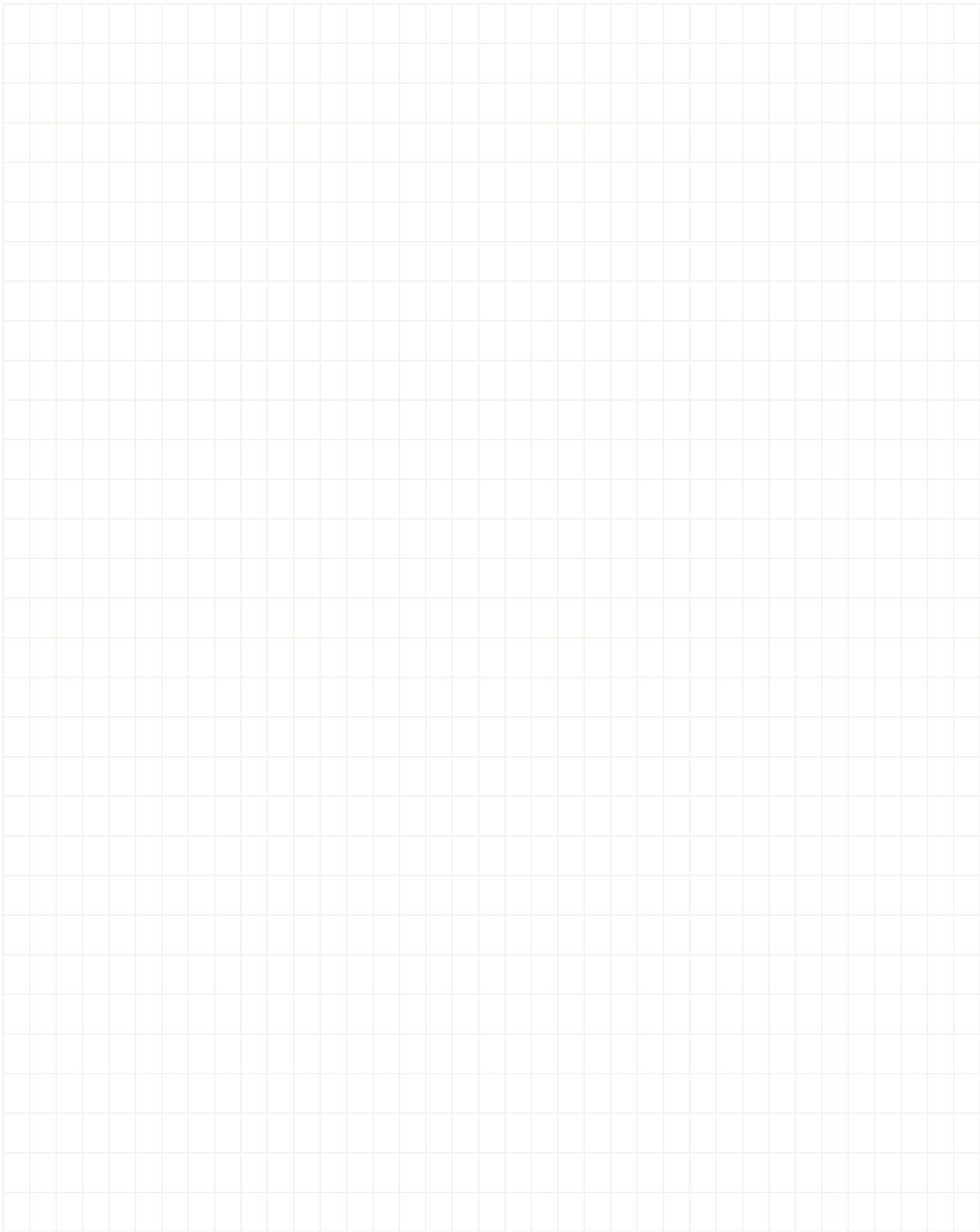
| AquaCoat cabinet                |  |   |   |   |         |
|---------------------------------|--|---|---|---|---------|
| AquaCoat 5010 manual basic unit | ●  | ● |   |   | 2363401 |
| AquaCoat 5020 manual basic unit |  |   | ● | ● | 2363292 |
| Pump set                        |  |   |   |   |         |
| Zip52 pump set                  | ●  |   | ● |   | 2363856 |
| DD10 pump set                   |  | ● |   | ● | 2364024 |
| Applicator                      |  |   |   |   |         |
| GM 5020EAW                      | ●  | ● | ● | ● | 2362852 |
| Hose packages                   |  |   |   |   |         |
| Hose set GM 5000EAW (7.5 m)     | Hose package must be ordered separately. |   |   |   | 2368087 |
| Hose set GM 5000EAW (10 m)      |  |   |   |   | 2368088 |
| Hose set GM 5000EAW (15 m)      |  |   |   |   | 2368089 |
| Hose set GM 5000EAW (20 m)      |  |   |   |   | 2368090 |
| Hose set GM 5000EAW (25 m)      |  |   |   |   | 2419381 |
| Accessories                     |  |   |   |   |         |
| Gun holder                      | Accessories must be ordered separately.  |   |   |   | 2359097 |
| Hose holder                     |  |   |   |   | 353050  |
| Base frame rollers AQ 5010      |  |   |   |   | 2364394 |
| Base frame rollers AQ 5020      |  |   |   |   | 2359029 |
| Insert tray AQ 5010             |  |   |   |   | 2364790 |
| Insert tray AQ 5020             |  |   |   |   | 2364791 |
| Level monitoring                |  |   |   |   | 353053  |
| Drum lid D350 without agitator  |  |   |   |   | 353054  |
| Drum lid D350 with agitator     |  |   |   |   | 353055  |

# TwinControl Airspray finishing

WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best. You also have the possibility to configure your individual spraypack via your sales partner or the webshop.


|   |                |                            |                         |                      |                    |                          |                              |                               |                          |
|---|----------------|----------------------------|-------------------------|----------------------|--------------------|--------------------------|------------------------------|-------------------------------|--------------------------|
|  |                | 2339519                    | 2340464                 | 2340465              | 2340466            | 2339016                  | 2367760                      | 2339020                       | 2340467                  |
|   |                | TwinControl 5-60 ABS Ex GR | TwinControl 5-60 ABS GR | TwinControl 5-60Ex W | TwinControl 5-60 W | TwinControl 5-60 Ex GR M | TwinControl 5-60 Ex AIS GR P | TwinControl 10-70 ABS Ex GR M | TwinControl 10-70 ABS GR |
|   | Pump A         |                            |                         |                      |                    |                          |                              |                               |                          |
|   | EvoMotion 5-60 | •                          | •                       | •                    | •                  | •                        | •                            |                               |                          |
|   | WildCat 10-70  |                            |                         |                      |                    |                          |                              | •                             | •                        |
|   | Pump B         |                            |                         |                      |                    |                          |                              |                               |                          |
|   | EvoMotion 5-60 | •                          | •                       | •                    | •                  | •                        | •                            |                               |                          |
|   | WildCat 10-70  |                            |                         |                      |                    |                          |                              | •                             | •                        |
| Pump flushing agent   |                |                            |                         |                      |                    |                          |                              |                               |                          |
| EvoMotion 5-60  | •              | •                          | •                       | •                    | •                  | •                        | •                            |                               |                          |
| Wildcat 10-70   |                |                            |                         |                      |                    |                          |                              | •                             | •                        |
| Control   |                |                            |                         |                      |                    |                          |                              |                               |                          |
| Non Atex, 100...230V DC & air supply  |                |                            | •                       |                      | •                  |                          |                              |                               | •                        |
| Atex, only air supply   | •              |                            |                         | •                    |                    | •                        | •                            | •                             |                          |
| Mounting / Assembly   |                |                            |                         |                      |                    |                          |                              |                               |                          |
| Stand with rollers  | •              | •                          |                         |                      |                    | •                        | •                            | •                             | •                        |
| Wall mount  |                |                            | •                       | •                    |                    |                          |                              |                               |                          |
| Mixer   |                |                            |                         |                      |                    |                          |                              |                               |                          |
| Internal mixer  | •              | •                          | •                       | •                    | •                  | •                        | •                            | •                             | •                        |
| Prepared for external mixer   |                |                            |                         |                      |                    |                          |                              |                               |                          |
| Material pressure regulator   |                |                            |                         |                      |                    |                          |                              |                               |                          |
| With mechanical adjustment  |                |                            |                         |                      | •                  |                          |                              | •                             |                          |
| With pneumatic control  |                |                            |                         |                      |                    | •                        |                              |                               |                          |
| AirCoat regulator   |                |                            |                         |                      |                    |                          |                              |                               |                          |
| AirCoat regulator   | •              | •                          | •                       | •                    | •                  |                          |                              |                               |                          |





# Spraypacks AirCoat / Airless finishing

WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best. You also have the possibility to configure your individual spraypack via your sales partner or the webshop.

|   |   |  |   |  |             |
|---|---|--|---|--|-------------|
|  |   |  |   |  |             |
|   | SP EM 40-15 compact<br><b>U6S40015HEB</b> | SP EM 40-15 compact GM 4700 AC<br><b>2350603</b> | SP EM 20-30 compact<br><b>U6S20030HEB</b> | SP EM 20-30 compact GM 4700 AC<br><b>2365818</b> |             |
| Pump  |   |  |   |  |             |
| EvoMotion 40-15 compact   | ●   | ●  |   |  | U6S40015HEB |
| EvoMotion 20-30 compact   |   |  | ●   | ●  | U6S30020HEB |
| Mountings   |   |  |   |  |             |
| Stand   | ●   | ●  | ●   | ●  | 2332374     |
| Air supply  |   |  |   |  |             |
| AirCoat regulator included  | ●   | ●  | ●   | ●  | -           |
| Suction system  |   |  |   |  |             |
| Hopper 5L   | ●   | ●  | ●   | ●  | 340265      |
| Lid   | ●   | ●  | ●   | ●  | 340429      |
| Return  |   |  |   |  |             |
| Return pipe DN6-G1/4"-100mm-PA  | ●   | ●  | ●   | ●  | 2331752     |
| Spray gun   |   |  |   |  |             |
| GM 4700 AC  |   | ●  |   | ●  | 2313585     |
| Nozzle ACF3000 13/40  |   | ●  |   | ●  | 379413      |
| Air cap HV red  |   | ●  |   | ●  | 2313497     |
| Hose packages AirCoat   |   |  |   |  |             |
| Hose package AirCoat  |   | ●  |   | ●  | 2309706     |

# Spraypacks AirCoat / Airless finishing

WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best. You also have the possibility to configure your individual spraypack via your sales partner or the webshop.



| SP-VC EM40-15 AG14AL<br>2335075 | SP-VC EM40-15 GM4700AC<br>2335175 | SP-VC EM40-15 AL<br>2335287 | SP-VC EM20-30 GM4700AC<br>2335176 | SP-VC EM20-30 AC<br>2335086 | SP-VC EM20-30 GM4700AC Chopper<br>2335086 |
|---------------------------------|-----------------------------------|-----------------------------|-----------------------------------|-----------------------------|---|
|---------------------------------|-----------------------------------|-----------------------------|-----------------------------------|-----------------------------|---|

| Pump                                |   |   |   |   |   |   |           |
|-------------------------------------|---|---|---|---|---|---|-----------|
| EvoMotion 40-15                     | ● | ● | ● |   |   |   | 2329450   |
| EvoMotion 20-30                     |   |   |   | ● | ● | ● | 2329452   |
| Mountings                           |   |   |   |   |   |   |           |
| Stand 4" cpl.                       | ● | ● | ● | ● | ● |   | 2332374   |
| Trolley 4 wheel                     |   |   |   |   |   | ● | T6196.00  |
| Air supply                          |   |   |   |   |   |   |           |
| Set AirCoat regulator EvoMotion     |   | ● |   | ● | ● | ● | T6145.00A |
| Suction system                      |   |   |   |   |   |   |           |
| Suction hose DN16-SST cpl.          | ● |   |   |   | ● |   | 2324158   |
| Suction hose DN16-Sst cpl.          |   | ● | ● | ● |   |   | 2324110   |
| Hopper set SL for piston pumps      |   |   |   |   |   | ● | 2332169   |
| Pump outlet & material filter       |   |   |   |   |   |   |           |
| Ball valve-R1/4"-G1/4"-PN350-CS EM  | ● |   |   |   | ● | ● | 2334472   |
| Ball valve-R1/4"-G1/4"-PN530-SSt    |   | ● | ● | ● |   |   | 2334488   |
| Return                              |   |   |   |   |   |   |           |
| Return pipe DN6-G1/4"-100mm-PA      | ● | ● | ● | ● | ● | ● | 2331752   |
| Spray gun                           |   |   |   |   |   |   |           |
| GM 4700AC 25MPa NPSM1/4             |   | ● |   | ● |   | ● | 2313585   |
| Gun AG-14 for StandardTip, NPS1/4"  | ● |   |   |   |   |   | 257017    |
| Nozzles - flat jet                  |   |   |   |   |   |   |           |
| Nozzle Standard 411                 | ● |   |   |   |   |   | 90411     |
| Nozzle ACF3000 11/40                |   | ● |   | ● |   | ● | 379411    |
| Air caps - flat jet                 |   |   |   |   |   |   |           |
| Air cap LV plus (red / GM 4x00AC)   |   | ● |   | ● |   | ● | 2313494   |
| Hose package AirCoat                |   |   |   |   |   |   |           |
| AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T |   | ● |   | ● |   | ● | 2309706   |
| Material hose airless               |   |   |   |   |   |   |           |
| HP-hose-DN4-PN270-¼"NPS-7,5m-PA     | ● |   |   |   |   |   | 9984573   |

# Spraypacks AirCoat / Airless finishing

WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best. You also have the possibility to configure your individual spraypack via your sales partner or the webshop.



Diaphragm pump Cobra 40-10 with stand  
**2329521**

SP Cobra 40-10 GM4700AC stand, hopper  
**2342248**

SP Cobra 40-10 GM4100AC stand, hopper  
**2342245**

Diaphragm pump Cobra 40-25 stand  
**2329525**

SP Cobra 40-10 trolley, hopper  
**2352331**

SP Cobra 40-10 GM4700 trolley, hopper  
**2352333**

| Pump                                  |   |   |   |   |   |   |         |
|---------------------------------------|---|---|---|---|---|---|---------|
| Cobra 40-10                           | ● | ● | ● |   | ● | ● | 2329519 |
| Cobra 40-25                           |   |   |   | ● |   |   | 2329523 |
| Mountings                             |   |   |   |   |   |   |         |
| Stand Cobra 40-10                     | ● | ● | ● |   |   |   | 322052  |
| Stand Cobra 40-25                     |   |   |   | ● |   |   | 2308732 |
| Trolley Cobra cpl.                    |   |   |   |   | ● | ● | 2341375 |
| Air supply                            |   |   |   |   |   |   |         |
| Set AirCoat regulator IceBreaker      |   | ● | ● |   | ● | ● | 2328611 |
| Suction system                        |   |   |   |   |   |   |         |
| Hopper set 5L Cobra                   |   | ● | ● |   | ● | ● | 2344505 |
| Gun                                   |   |   |   |   |   |   |         |
| GM 4700AC 25MPa NPSM1/4               |   | ● |   |   |   | ● | 2313585 |
| GM 4100AC 25MPa NPSM1/4"              |   |   | ● |   |   |   | 394012  |
| Nozzles - flat jet                    |   |   |   |   |   |   |         |
| Nozzle ACF3000 11/40                  |   | ● | ● |   |   | ● | 379411  |
| Air caps - flat jet                   |   |   |   |   |   |   |         |
| Air cap LV plus (red / GM 4x00AC)     |   | ● | ● |   |   | ● | 2313494 |
| Hose packages AirCoat                 |   |   |   |   |   |   |         |
| AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T   |   | ● | ● |   |   | ● | 2309706 |
| Fitting-RF-FM-G3/8-1/4NPSM-530bar-SSt |   | ● | ● |   |   | ● | 2332621 |

# Spraypacks finishing piston pumps

WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best. You also have the possibility to configure your individual spraypack via your sales partner or the webshop.



|   |   |   |  |  |                                      |  |   |  |
|---|---|---|--|--|--------------------------------------|--|---|--|
| SP-VC WildCat18-40 GM4100AC<br><b>2335092</b> | SP-VC WildCat18-40 GM4700AC<br><b>2335177</b> | SP-VC WildCat18-40 AC<br><b>2335090</b> | SP-VC Puma28-40 GM4700AC<br><b>2335179</b> | SP-VC Puma28-40 GM4700AC stand<br><b>2335290</b> | SP-VC Puma28-40 AC<br><b>2335291</b> | SP Leopard35-70 GM4700AC<br><b>2335181</b> | SP-VC Leopard35-70 AG14AL trolley<br><b>2335182</b> | SP-VC Leopard 35-70 AL<br><b>2335293</b> |
|---|---|---|--|--|--------------------------------------|--|---|--|

| Mountings                            |   |   |   |   |   |   |   |   |   |         |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---------|
| Stand 4" cpl.                        | ● |   | ● |   | ● |   |   |   |   | 2332374 |
| Trolley 4" cpl.                      |   | ● |   | ● |   | ● |   |   |   | 2325901 |
| Trolley 6" cpl.                      |   |   |   |   |   |   | ● |   | ● | 2325916 |
| Air supply                           |   |   |   |   |   |   |   |   |   |         |
| Set AirCoat regulator IceBreaker     | ● | ● | ● | ● | ● | ● | ● |   |   | 2328611 |
| Suction system                       |   |   |   |   |   |   |   |   |   |         |
| Suction hose DN16-SSst cpl.          | ● |   | ● |   | ● |   |   |   |   | 2324110 |
| Suction hose DN25-SSst cpl.          |   | ● |   | ● |   | ● | ● | ● | ● | 2324116 |
| Pump outlet & material filter        |   |   |   |   |   |   |   |   |   |         |
| Release combination PN270 IceBreaker | ● | ● |   |   | ● |   |   |   |   | 2329023 |
| Inline filter DN6-PN270-G1/4"-SSst   |   | ● |   |   |   |   |   |   |   | 2324558 |
| HP filter DN10-PN270-SSst IceBreaker |   |   |   | ● |   | ● | ● | ● | ● | 2329024 |
| Gun                                  |   |   |   |   |   |   |   |   |   |         |
| GM 4100AC 25MPa NPSM1/4"             | ● |   |   |   |   |   |   |   |   | 394012  |
| GM 4700AC 25MPa NPSM1/4              |   | ● |   | ● | ● |   | ● |   |   | 2313585 |
| Gun AG-14 for WagnerTip, NPS1/4"     |   |   |   |   |   |   |   | ● |   | 257015  |
| Nozzles - flat jet                   |   |   |   |   |   |   |   |   |   |         |
| Nozzle ACF3000 11/40                 | ● | ● |   | ● | ● |   | ● |   |   | 379411  |
| Nozzle WagnerTip 411                 |   |   |   |   |   |   |   | ● |   | 1088411 |
| Air caps - flat jet                  |   |   |   |   |   |   |   |   |   |         |
| Air cap LV plus (red / GM 4x00AC)    | ● | ● |   | ● | ● |   | ● |   |   | 2313494 |
| Hose package AirCoat                 |   |   |   |   |   |   |   |   |   |         |
| AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T  | ● | ● |   | ● | ● |   | ● |   |   | 2309706 |
| Material hose airless                |   |   |   |   |   |   |   |   |   |         |
| HP-hose-DN6-PN270-1/4"NPS-10,0m-PA   |   |   |   |   |   |   |   | ● |   | 9984418 |

# Spraypacks AirCoat with GM 5000EAC

WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best. You also have the possibility to configure your individual spraypack via your sales partner or the webshop.




Set GM 5000EAC VC – VM 500  
**2328708**

Set GM 5000EAC VC – VM 5000  
**2328709**

| Mountings                   |   |   |         |
|-----------------------------|---|---|---------|
| Bracket control unit cpl.   | ● | ● | 2327509 |
| Filter inserts              |   |   |         |
| Edge filter 100 mesh        | ● | ● | 3204605 |
| Gun                         |   |   |         |
| GM 5000EA                   |   |   | 2309870 |
| GM 5000EAC                  | ● | ● | 2309871 |
| Nozzles - flat jet          |   |   |         |
| Nozzle ACF5000 11/40        | ● | ● | 395411  |
| Air caps - flat jet         |   |   |         |
| Air cap ACF 5000 – LV (red) | ● | ● | 2309882 |
| Control units               |   |   |         |
| Control unit VM 500         | ● |   | 2310478 |
| Control unit VM 5000        |   | ● | 2310477 |
| Hose packages AirCoat       |   |   |         |
| Hose set GM 5000EAC (7.5 m) | ● | ● | 2339171 |

# Spraypacks AirCoat / AquaCoat


WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best.  
You also have the possibility to configure your individual spraypack via your sales partner or the webshop.

|   |  |   |  |   |  |   |   |   |  |   |   |         |  |         |  |
|---|--|---|--|---|--|---|---|---|--|---|---|---------|--|---------|--|
|  |  | Basic set AQ5010 HP manual Evo 20-20,<br>GM 5020EAC<br><b>2364017</b> |  |   |  |   | Basic set AQ5010 HP manual Puma 28-40,<br>GM 5020EACW<br><b>2370696</b> |   | Basic set AQ5020 HP manual EvoMotion 20-30,<br>GM 5020EACW<br><b>2364020</b> |   | Basic set AQ5020 HP manual Puma 28-40,<br>GM 5020EACW<br><b>2364021</b> |         | Basic set AQ5020 HP manual Cobra,<br>GM 5020EACW<br><b>2364022</b> |         |  |
| AquaCoat cabinet  |  |   |  |   |  |   |   |   |  |   |   |         |  |         |  |
| AquaCoat 5010 manual basic unit   |  | ●   |  | ● |  |   |   |   |  | ● |   | ●       |  | 2363401 |  |
| AquaCoat 5020 manual basic unit   |  |   |  |   |  |   |   | ● |  |   |   |         |  | 2363292 |  |
| Pump set  |  |   |  |   |  |   |   |   |  |   |   |         |  |         |  |
| EvoMotion 20-30 pump set  |  | ●   |  |   |  | ● |   |   |  |   |   |         |  | 2303946 |  |
| Puma 28-40 set for AquaCoat   |  |   |  | ● |  |   |   |   |  | ● |   |         |  | 2363746 |  |
| Cobra 40-10 set for AquaCoat  |  |   |  |   |  |   |   |   |  |   |   | ●       |  | 2363747 |  |
| Applicator  |  |   |  |   |  |   |   |   |  |   |   |         |  |         |  |
| GM 5020EACW   |  | ●   |  | ● |  | ● |   | ● |  | ● |   | ●       |  | 2362841 |  |
| Hose packages   |  |   |  |   |  |   |   |   |  |   |   |         |  |         |  |
| Hose set GM 5000EACW (7.5 m)  |  | Hose package must be ordered separately.                              |  |   |  |   |   |   |  |   |   | 2368105 |  |         |  |
| Hose set GM 5000EACW (10 m)   |  |   |  |   |  |   |   |   |  |   |   | 2368110 |  |         |  |
| Hose set GM 5000EACW (15 m)   |  |   |  |   |  |   |   |   |  |   |   | 2368112 |  |         |  |
| Hose set GM 5000EACW (20 m)   |  |   |  |   |  |   |   |   |  |   |   | 2368113 |  |         |  |
| Hose set GM 5000EACW (25 m)   |  |   |  |   |  |   |   |   |  |   |   | 2419382 |  |         |  |
| Hose set GM 5000EACW (30 m)   |  |   |  |   |  |   |   |   |  |   |   | 2419386 |  |         |  |
| Accessories   |  |   |  |   |  |   |   |   |  |   |   |         |  |         |  |
| Gun holder  |  | Accessories must be ordered separately.                               |  |   |  |   |   |   |  |   |   | 2359097 |  |         |  |
| Hose holder   |  |   |  |   |  |   |   |   |  |   |   | 353050  |  |         |  |
| Base frame rollers AQ 5010  |  |   |  |   |  |   |   |   |  |   |   | 2364394 |  |         |  |
| Base frame rollers AQ 5020  |  |   |  |   |  |   |   |   |  |   |   | 2359029 |  |         |  |
| Insert tray AQ 5010   |  |   |  |   |  |   |   |   |  |   |   | 2364790 |  |         |  |
| Insert tray AQ 5020   |  |   |  |   |  |   |   |   |  |   |   | 2364791 |  |         |  |
| Level monitoring  |  |   |  |   |  |   |   |   |  |   |   | 353053  |  |         |  |
| Drum lid D350 without agitator  |  |   |  |   |  |   |   |   |  |   |   | 353054  |  |         |  |
| Drum lid D350 with agitator   |  |   |  |   |  |   |   |   |  |   |   | 353055  |  |         |  |




# TwinControl AirCoat / Airless

WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best. You also have the possibility to configure your individual spraypack via your sales partner or the webshop.

|   |                                      |                             |                          |                            |                         |                                 |                             |                          |                         |                            |                                 |                                  |                                 |                              |                                     |                                   |                                       |
|---|--------------------------------------|-----------------------------|--------------------------|----------------------------|-------------------------|---------------------------------|-----------------------------|--------------------------|-------------------------|----------------------------|---------------------------------|----------------------------------|---------------------------------|------------------------------|-------------------------------------|-----------------------------------|---------------------------------------|
|  |                                      | 2340468                     | 2338992                  | 2340469                    | 2340470                 | 2367761                         | 2338758                     | 2339008                  | 2340473                 | 2340471                    | 2367764                         | 2367426                          | 2340474                         | 2340475                      | 2340476                             | 2340488                           | 2339004                               |
|   |                                      | TwinControl 28-40 ABS Ex GR | TwinControl 28-40 ABS GR | TwinControl 28-40 ABS Ex W | TwinControl 28-40 ABS W | TwinControl 28-40 ABS Ex AIS GR | TwinControl 35-70 ABS Ex GR | TwinControl 35-70 ABS GR | TwinControl 35-70 ABS W | TwinControl 35-70 ABS Ex W | TwinControl 35-70 ABS Ex AIS GR | TwinControl 35-70 ABS Ex GR acid | TwinControl 35-150/70 ABS Ex GR | TwinControl 35-150/70 ABS GR | TwinControl 35-150/70ABS Ex trolley | TwinControl 35-150/70 ABS trolley | TwinControl 35-150/70 ABS Ex GR A+B E |
|   | Pump A                               |                             |                          |                            |                         |                                 |                             |                          |                         |                            |                                 |                                  |                                 |                              |                                     |                                   |                                       |
|   | Puma 28-40                           | •                           | •                        | •                          | •                       | •                               |                             |                          |                         |                            |                                 |                                  |                                 |                              |                                     |                                   |                                       |
|   | Leopard 35-70                        |                             |                          |                            |                         |                                 | •                           | •                        | •                       | •                          | •                               | •                                |                                 |                              |                                     |                                   |                                       |
|   | Leopard 35-150                       |                             |                          |                            |                         |                                 |                             |                          |                         |                            |                                 |                                  | •                               | •                            | •                                   | •                                 | •                                     |
|   | Pump B                               |                             |                          |                            |                         |                                 |                             |                          |                         |                            |                                 |                                  |                                 |                              |                                     |                                   |                                       |
|   | Puma 28-40                           | •                           | •                        | •                          | •                       | •                               |                             |                          |                         |                            |                                 |                                  |                                 |                              |                                     |                                   |                                       |
|   | Leopard 35-70                        |                             |                          |                            |                         |                                 | •                           | •                        | •                       | •                          | •                               | •                                | •                               | •                            | •                                   | •                                 | •                                     |
|   | Pump flushing agent                  |                             |                          |                            |                         |                                 |                             |                          |                         |                            |                                 |                                  |                                 |                              |                                     |                                   |                                       |
|   | Puma 28-40                           | •                           | •                        | •                          | •                       | •                               | •                           | •                        | •                       | •                          | •                               | •                                | •                               | •                            | •                                   | •                                 | •                                     |
|   | Control                              |                             |                          |                            |                         |                                 |                             |                          |                         |                            |                                 |                                  |                                 |                              |                                     |                                   |                                       |
|   | Non Atex, 100...230V DC & air supply |                             | •                        |                            | •                       |                                 |                             | •                        | •                       |                            |                                 |                                  |                                 | •                            |                                     | •                                 |                                       |
|   | Atex, only air supply                | •                           |                          | •                          |                         | •                               | •                           |                          |                         | •                          | •                               | •                                | •                               |                              | •                                   |                                   | •                                     |
|   | Mounting / Assembly                  |                             |                          |                            |                         |                                 |                             |                          |                         |                            |                                 |                                  |                                 |                              |                                     |                                   |                                       |
|   | Stand with rollers                   | •                           | •                        |                            |                         | •                               | •                           | •                        |                         |                            | •                               | •                                | •                               | •                            |                                     |                                   | •                                     |
|   | Trolley                              |                             |                          |                            |                         |                                 |                             |                          |                         |                            |                                 |                                  |                                 |                              | •                                   | •                                 |                                       |
|   | Wall mount                           |                             |                          | •                          | •                       |                                 |                             |                          | •                       | •                          |                                 |                                  |                                 |                              |                                     |                                   |                                       |
|   | Soft circulation                     |                             |                          |                            |                         |                                 |                             |                          |                         |                            |                                 |                                  |                                 |                              |                                     |                                   |                                       |
|   | A side                               |                             |                          |                            |                         |                                 |                             |                          |                         |                            |                                 |                                  |                                 |                              |                                     |                                   | •                                     |
|   | B side                               |                             |                          |                            |                         |                                 |                             |                          |                         |                            |                                 |                                  |                                 |                              |                                     |                                   | •                                     |
|   | Mixer                                |                             |                          |                            |                         |                                 |                             |                          |                         |                            |                                 |                                  |                                 |                              |                                     |                                   |                                       |
|   | Internal mixer                       | •                           | •                        | •                          | •                       | •                               | •                           | •                        | •                       | •                          | •                               | •                                | •                               | •                            | •                                   | •                                 |                                       |
|   | Prepared for external mixer          |                             |                          |                            |                         |                                 |                             |                          |                         |                            |                                 |                                  |                                 |                              |                                     |                                   | •                                     |
|   | GFB                                  |                             |                          |                            |                         |                                 |                             |                          |                         |                            |                                 |                                  |                                 |                              |                                     |                                   |                                       |
|   | Prepared for assembly of a GFB       |                             |                          |                            |                         |                                 |                             |                          |                         |                            |                                 |                                  |                                 |                              |                                     |                                   | •                                     |
|   | Heater                               |                             |                          |                            |                         |                                 |                             |                          |                         |                            |                                 |                                  |                                 |                              |                                     |                                   |                                       |
|   | A side                               |                             |                          |                            |                         |                                 |                             |                          |                         |                            |                                 |                                  |                                 |                              |                                     |                                   | •                                     |
|   | B side                               |                             |                          |                            |                         |                                 |                             |                          |                         |                            |                                 |                                  |                                 |                              |                                     |                                   | •                                     |
|   | AirCoat regulator                    |                             |                          |                            |                         |                                 |                             |                          |                         |                            |                                 |                                  |                                 |                              |                                     |                                   |                                       |
|   | AirCoat regulator                    | •                           | •                        | •                          | •                       |                                 | •                           | •                        | •                       | •                          | •                               | •                                | •                               | •                            | •                                   | •                                 | •                                     |

# Spraypacks TwinControl PC

WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best. You also have the possibility to configure your individual spraypack via your sales partner or the webshop.

|   |                |                                  |   |                             |   |                              |   |                           |   |                                   |
|---|----------------|----------------------------------|---|-----------------------------|---|------------------------------|---|---------------------------|---|-----------------------------------|
|  |                | 2340477                          |   | 2340478                     |   | 2339021                      |   | 2339028                   |   | 2340479                           |
|   |                | TwinControl 48-110 AB Ex trolley |   | TwinControl 48-110 AB Ex GR |   | TwinControl 48-110 ABS Ex GR |   | TwinControl 48-110 ABS GR |   | TwinControl 48-110 ABS Ex trolley |
|   | Pump A         |                                  |   |                             |   |                              |   |                           |   |                                   |
|   | Leopard 48-110 |                                  | ● |                             | ● |                              | ● |                           | ● |                                   |
|   | Pump B         |                                  |   |                             |   |                              |   |                           |   |                                   |
|   | Leopard 48-110 |                                  | ● |                             | ● |                              | ● |                           | ● |                                   |
| Pump flushing agent   |                |                                  |   |                             |   |                              |   |                           |   |                                   |
| Puma 28-40  |                |                                  |   |                             |   | ●                            |   | ●                         |   | ●                                 |
| Control   |                |                                  |   |                             |   |                              |   |                           |   |                                   |
| Non Atex, 100...230V DC & air supply  |                |                                  |   |                             |   |                              |   | ●                         |   |                                   |
| Atex, only air supply   |                | ●                                |   | ●                           |   | ●                            |   |                           |   | ●                                 |
| Mounting / Assembly   |                |                                  |   |                             |   |                              |   |                           |   |                                   |
| Stand with rollers  |                |                                  |   | ●                           |   | ●                            |   | ●                         |   |                                   |
| Trolley   |                |                                  |   |                             |   |                              |   |                           |   | ●                                 |
| Wall mount  |                | ●                                |   |                             |   |                              |   |                           |   |                                   |
| Mixer   |                |                                  |   |                             |   |                              |   |                           |   |                                   |
| Internal mixer  |                | ●                                |   | ●                           |   | ●                            |   | ●                         |   | ●                                 |

# Spraypacks Protective Coating piston pumps


WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best. You also have the possibility to configure your individual spraypack via your sales partner or the webshop.



|  | SP Leopard 48-110 trolley<br>2339863 | SP Leopard 48-110 GM 1-530 trolley<br>2352764 | SP PROTEC 95-150 trolley<br>2411666 | SP PROTEC 95-150 trolley DN25<br>2412067 | SP PROTEC 95-150 trolley GM 1<br>2411665 | SP PROTEC 95-150 trolley GM 1 PC<br>2411664 | SP PROTEC 95-150 trolley GM 1 oMS<br>2411667 | SP PROTEC 72-200 trolley<br>2411668 | SP PROTEC 72-200 trolley GM 1<br>2411944 | SP PROTEC 72-200 trolley GM 1 PC<br>2411669 | SP PROTEC 60-240 trolley<br>2352274 | SP PROTEC 60-240 trolley GM 1<br>2411943 | SP PROTEC 60-240 trolley GM 1 PC<br>2352275 |         |
|--|--------------------------------------|---|-------------------------------------|--|--|---|--|-------------------------------------|--|---|-------------------------------------|--|---|---------|
| Pump                                     |                                      |   |                                     |  |  |   |  |                                     |  |   |                                     |  |   |         |
| Leopard 48-110                           | ●                                    | ●   |                                     |  |  |   |  |                                     |  |   |                                     |  |   | 2329490 |
| PROTEC 95-150                            |                                      |   | ●                                   | ●  | ●  | ●   | ●  |                                     |  |   |                                     |  |   | 2409470 |
| PROTEC 72-200                            |                                      |   |                                     |  |  |   |  | ●                                   | ●  | ●   |                                     |  |   | 2409774 |
| PROTEC 60-240                            |                                      |   |                                     |  |  |   |  |                                     |  |   | ●                                   | ●  | ●   | 2409469 |
| Mountings                                |                                      |   |                                     |  |  |   |  |                                     |  |   |                                     |  |   |         |
| Trolley PC                               | ●                                    | ●   | ●                                   | ●  | ●  | ●   | ●  | ●                                   | ●  | ●   | ●                                   | ●  | ●   | 2339705 |
| Suction system                           |                                      |   |                                     |  |  |   |  |                                     |  |   |                                     |  |   |         |
| Suction hose DN25-SSt cpl.               |                                      | ●   |                                     | ●  | ●  |   | ●  |                                     | ●  |   |                                     | ●  |   | 2324116 |
| Fitting EF-MM-G1½" - M36                 |                                      |   |                                     | ●  | ●  |   | ●  |                                     | ●  |   |                                     | ●  |   | 2329563 |
| Suction hose DN38-PC cpl.                |                                      |   |                                     |  |  |   | ●  |                                     |  | ●   |                                     |  | ●   | 2325815 |
| Fitting-EF-FM-G1 1/2-G1 1/2-PN25-TG      |                                      |   |                                     |  |  |   | ●  |                                     |  | ●   |                                     |  | ●   | 2329019 |
| Fitting-DF-MM-G1½" - Rd55x1/6"-PN25-CS   |                                      |   |                                     |  |  |   | ●  |                                     |  | ●   |                                     |  | ●   | 2336489 |
| Pump outlet & material filter            |                                      |   |                                     |  |  |   |  |                                     |  |   |                                     |  |   |         |
| HP filter DN12-PN530-CS cpl.             | ●                                    | ●   | ●                                   | ●  | ●  | ●   | ●  | ●                                   | ●  | ●   | ●                                   | ●  | ●   | 2339900 |
| Return                                   |                                      |   |                                     |  |  |   |  |                                     |  |   |                                     |  |   |         |
| Return pipe DN6-G1/4"-100mm-PA           | ●                                    | ●   | ●                                   | ●  | ●  | ●   | ●  | ●                                   | ●  | ●   | ●                                   | ●  | ●   | 2331752 |
| Gun                                      |                                      |   |                                     |  |  |   |  |                                     |  |   |                                     |  |   |         |
| Airless gun GM 1-530                     |                                      | ●   |                                     |  | ●  | ●   | ●  |                                     | ●  | ●   |                                     | ●  | ●   | 2349287 |
| Nozzles - flat jet                       |                                      |   |                                     |  |  |   |  |                                     |  |   |                                     |  |   |         |
| PROTEC TIP reversible tip 517            |                                      | ●   |                                     |  |  |   |  |                                     |  |   |                                     |  |   | 556517  |
| PROTEC TIP reversible tip 521            |                                      |   |                                     |  | ●  | ●   | ●  |                                     | ●  | ●   |                                     | ●  | ●   | 556521  |
| Material hose airless                    |                                      |   |                                     |  |  |   |  |                                     |  |   |                                     |  |   |         |
| HP-hose-DN6-PN530-¼"NPS-10,0m-PA         |                                      | ●   |                                     |  |  |   |  |                                     |  |   |                                     |  |   | 9984421 |
| HP-hose-DN10-PN530-3/8"NPS-15,0m-PA      |                                      |   |                                     |  | ●  | ●   |  |                                     | ●  | ●   |                                     | ●  | ●   | 9987118 |
| HP-hose-DN6-PN530-¼"NPS-1,5m-PA          |                                      |   |                                     |  | ●  | ●   |  |                                     | ●  | ●   |                                     | ●  | ●   | 9987117 |
| Fitting-DF-MM-1/4NPSM-3/8NPSM-530bar-SSt |                                      |   |                                     |  | ●  | ●   |  |                                     | ●  | ●   |                                     | ●  | ●   | 367561  |


# TwinControl Protective Coating

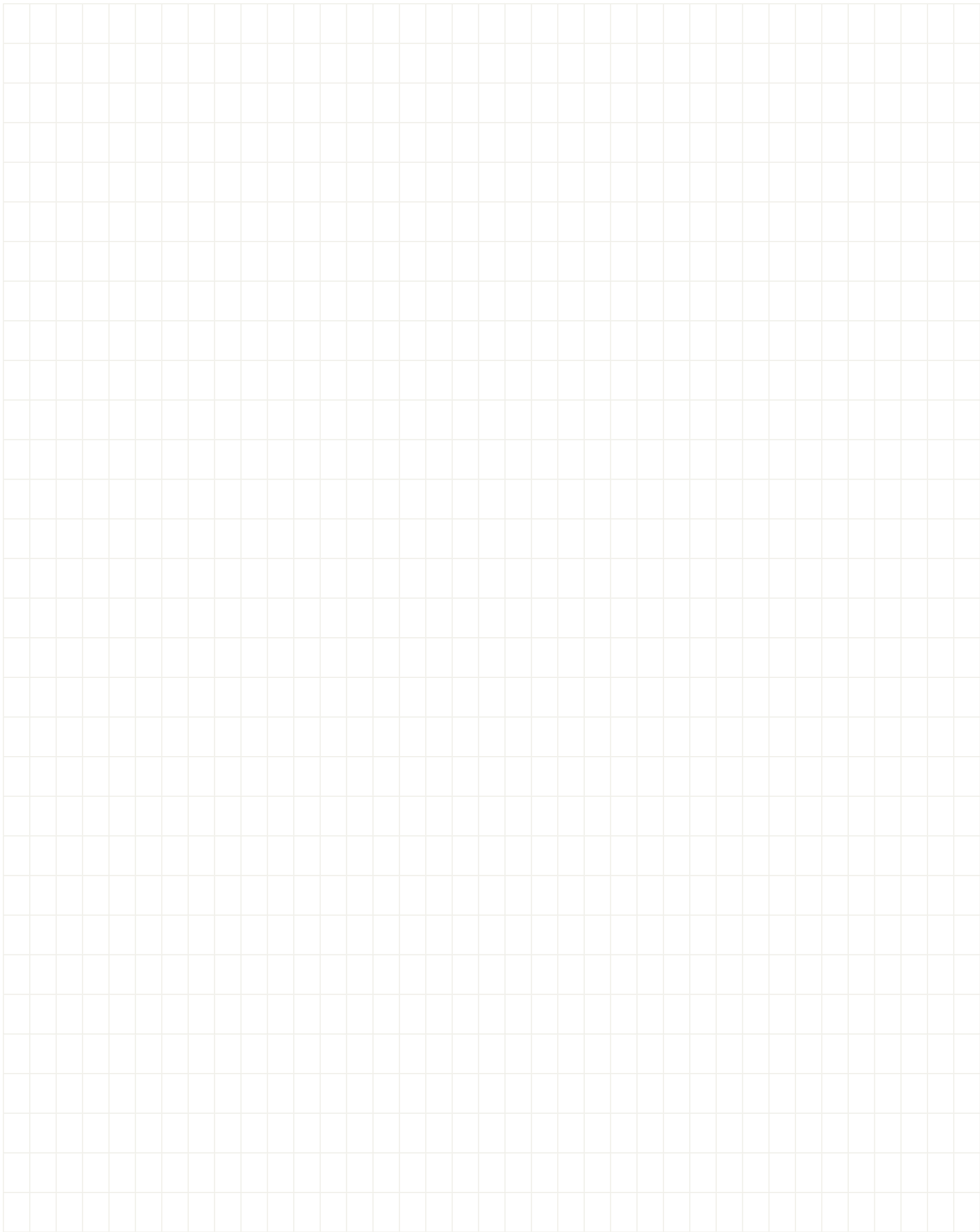
WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best. You also have the possibility to configure your individual spraypack via your sales partner or the webshop.

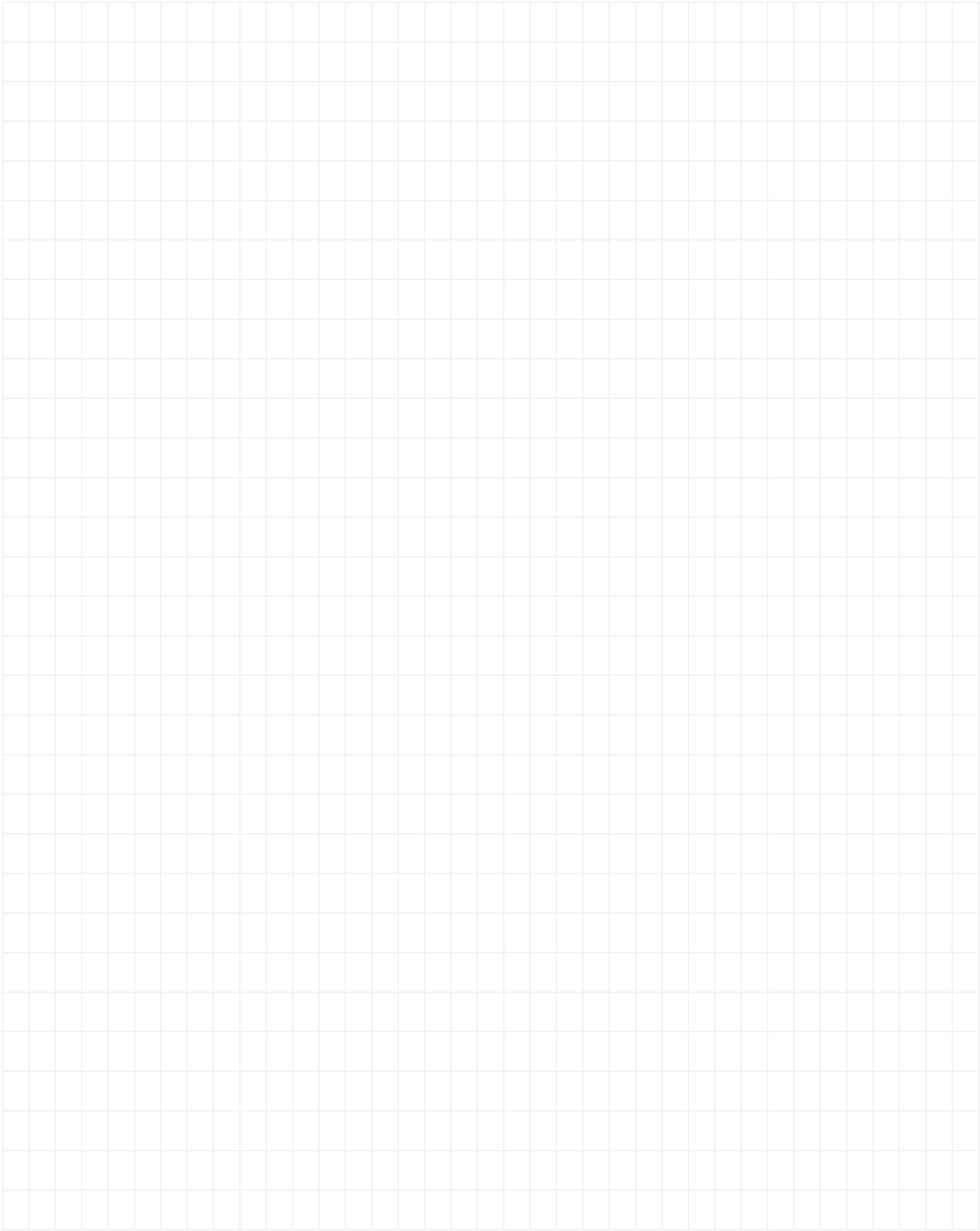
|  | 2340480                      | 2340482                   | 2340484                           | 2340486                              | 2345352                           | 2345850                      | 2340379                          | 2340483                               | 2340374                      | 2340377                           | 2340382                                  |
|---|------------------------------|---------------------------|-----------------------------------|--------------------------------------|-----------------------------------|------------------------------|----------------------------------|---------------------------------------|------------------------------|-----------------------------------|--|
|   | TwinControl 95-150 ABS Ex GR | TwinControl 95-150 ABS GR | TwinControl 95-150 ABS Ex trolley | TwinControl 95-150 ABS Ex GR A+B PSV | TwinControl 72-200 ABS Ex trolley | TwinControl 72-200 ABS Ex GR | TwinControl 60-240/150 ABS Ex GR | TwinControl 60-240/150 ABS Ex trolley | TwinControl 60-240 ABS Ex GR | TwinControl 60-240 ABS Ex trolley | TwinControl 60-240 ABS Ex trolley A+B PS |
|   | Pump A                       |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
|   | PROTEC 95-150 PE/TG          | ●                         | ●                                 | ●                                    | ●                                 |                              |                                  |                                       |                              |                                   |  |
|   | PROTEC 72-200 PE/TG          |                           |                                   |                                      |                                   | ●                            | ●                                |                                       |                              |                                   |  |
|   | PROTEC 60-240 PE/TG          |                           |                                   |                                      |                                   |                              | ●                                | ●                                     | ●                            | ●                                 | ●  |
|   | Pump B                       |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
|   | PROTEC 95-150 PE/TG          | ●                         | ●                                 | ●                                    | ●                                 |                              | ●                                | ●                                     |                              |                                   |  |
|   | PROTEC 72-200 PE/TG          |                           |                                   |                                      |                                   | ●                            | ●                                |                                       |                              |                                   |  |
|   | PROTEC 60-240 PE/TG          |                           |                                   |                                      |                                   |                              |                                  |                                       | ●                            | ●                                 | ●  |
|   | Pump flushing agent          |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
|   | Leopard 35-70                | ●                         | ●                                 | ●                                    | ●                                 | ●                            | ●                                | ●                                     | ●                            | ●                                 | ●  |
| Control   |                              |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
| Atex, only air supply   |                              |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
| ●   |                              |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
| Mounting / Assembly   |                              |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
| Stand with rollers  |                              |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
| ●   |                              |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
| Trolley   |                              |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
|   |                              |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
| Soft circulation  |                              |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
| A side  |                              |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
|   |                              |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
| B side  |                              |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
|   |                              |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
| Mixer   |                              |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
| Internal mixer  |                              |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
|   |                              |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
| ●   |                              |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
| GFB   |                              |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
| Prepared for assembly of a GFB  |                              |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
|   |                              |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
| ●   |                              |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
| Heater  |                              |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
| A side  |                              |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
|   |                              |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
| ●   |                              |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
| B side  |                              |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
|   |                              |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |
| ●   |                              |                           |                                   |                                      |                                   |                              |                                  |                                       |                              |                                   |  |

# Spraypacks PROTEC 2K Protective Coating

WAGNER offers you a selection of predefined spraypacks. Choose from the table the one that suits you best. You also have the possibility to configure your individual spraypack via your sales partner or the webshop.

|   |  |  |  |                    |  |  |  |  |                                  |  |  |  |  |                        |                                 |
|---|--|--|--|--------------------|--|--|--|--|----------------------------------|--|--|--|--|------------------------|---------------------------------|
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|   |  |  |  | 2350376            |  |  |  |  | 2352858                          |  |  |  |  | 2352859                | 2352862                         |
|   |  |  |  | PROTEC 2K75-150/38 |  |  |  |  | PROTEC 2K75-150/38 flushing pump |  |  |  |  | PROTEC 2K75-150/38 GM1 | PROTEC 2K75-150/38 GM1 fl. pump |
|   |  |  |  |                    |  |  |  |  |                                  |  |  |  |  |                        |                                 |
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