



Product Catalog 2021

Powder Coating



Welcome to WAGNER

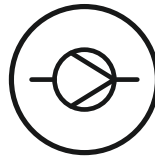
We bring color, protection and function to surfaces.

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.

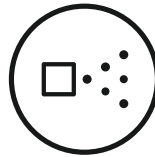




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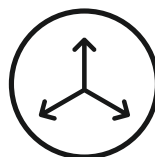
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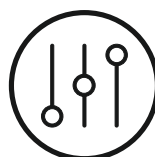
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Legend



Explosion proof



Complies with applicable requirements



Complies with applicable requirements

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 m² 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

Technology Center Liquid (Markdorf): 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

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 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

Discover what's new at WAGNER

Highlights and innovations 2020.

IPS coating center

The IPS coating center is an innovative complete solution that achieves consistently high coating results over a long period of time. Powder preparation, feeding, dosing and color change are accommodated in a closed and fully automated system that enables decisive improvements in the powder coating process.

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Cup extension CG

The 1 liter cup extension is an effective addition to the cup gun PEM-X1 CG and can be easily attached to the small cup. The cup gun can thus be used to coat not only individual workpieces but also smaller batch sizes without the need to refill powder.

» [Page 45](#)

VU 3 heavy duty reciprocator

The heavy duty reciprocator VU 3 is especially suitable for automatic coating with several Z axes. Due to the stable mechanical construction up to nine Z axes can be mounted. The main field of application is dynamic 3D coating.

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Information and management platform.

Greater transparency for higher productivity

The web-based information and management platform COATIFY allows the intelligent visualization of coating systems.

Perfect process overview

See the performance data of all coating systems in your company at a glance – on a clear user interface with descriptive diagrams and graphs.

Secure access from anywhere

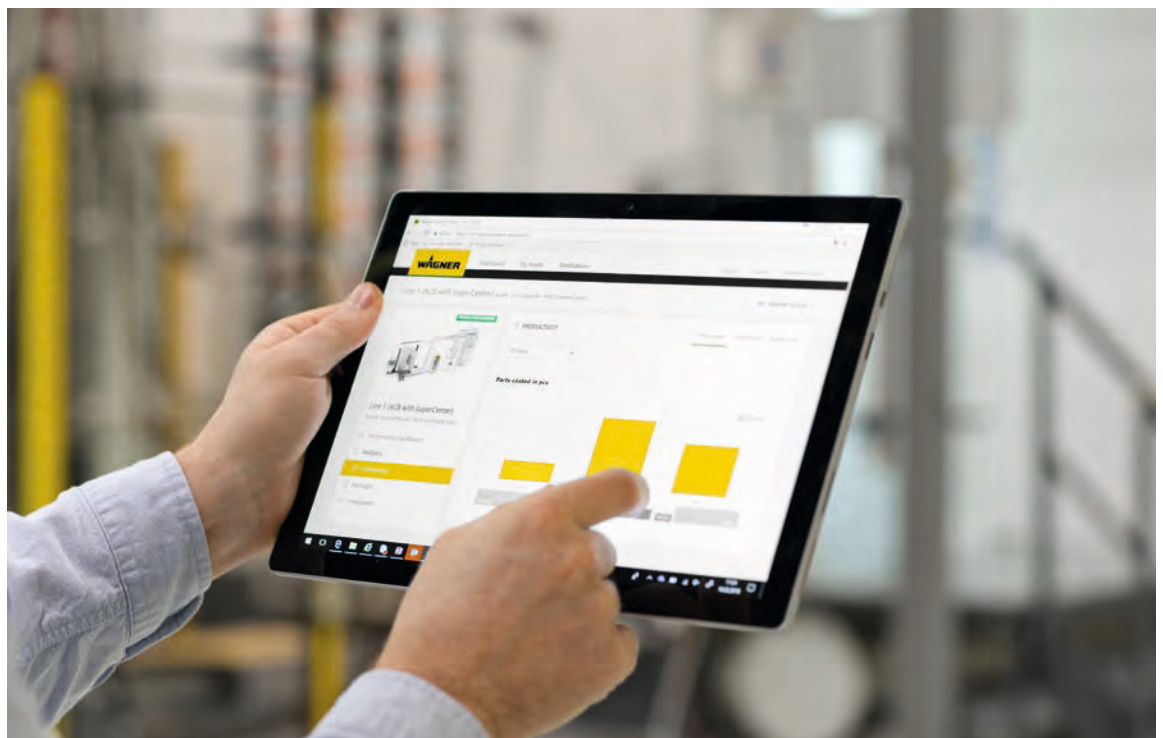
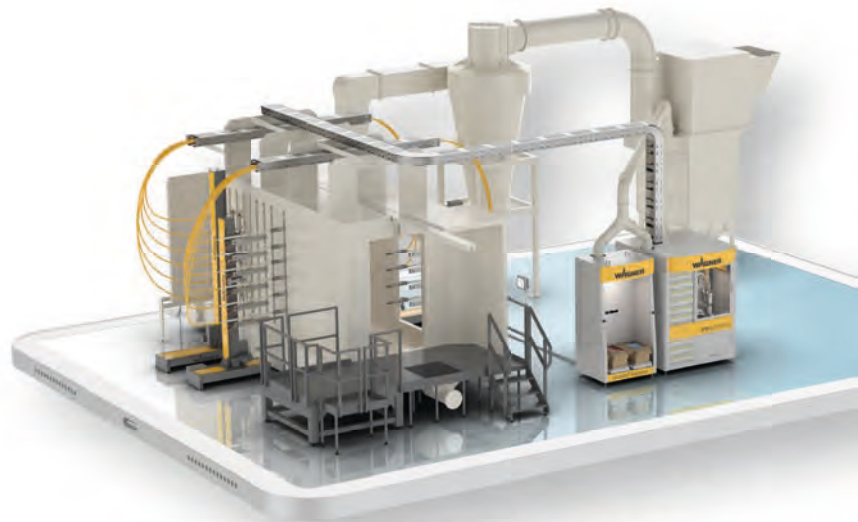
The controls and sensors in the WAGNER products send data to the platform via a secure connection. The resulting visualised key figures can be displayed at any time and anywhere on your smartphone, tablet or PC.

Productivity increase

Tight process control, short reaction times and proactive service measures can increase your system availability and productivity. Your quality is improved and unit costs are reduced.

Reliable notification function

In the case of system messages, such as pending maintenance or deviations from adjustable limit values, you receive an optional e-mail notification in addition to information via the platform.



High flexibility for efficient supply.



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PrimaCenter

The PrimaCenter impresses with its robust and compact design and thus enables a space-saving construction. Feeding from the fluid container leads to high-quality coating results. The PrimaCenter Standalone can hold up to 12 powder injectors. It is designed for powder supply in color change systems and enables easy color change through semi-automated cleaning processes.



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PXE

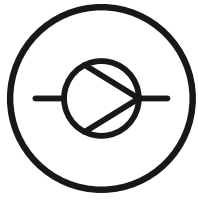
The PXE enables the complete control of all components via a central control unit: Powder center, motion systems, application, booth and filter. It thus meets all the requirements for powder supply of an automatic coating system. The PXE is available either as basic version or modular powder center with integrated vibration and fluidization unit for a direct supply from the powder box.



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PXM

The PXM powder center is individually configurable and suitable for versatile applications. Due to its flexibility, the system meets different requirements and tasks for high-quality coating results.



Feeding & Preparing

As the heart of the powder supply system, the powder center ensures that the required quantity of material is transported to the guns. Regardless from which container you want to feed the powder - we support you professionally and competently in the selection of the right powder feeding technology for your coating requirements.



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PXS

The PXS powder center is the reference for high coating quality thanks to efficient components and control as well as an integration into the overall system. PXS is available as a stand-alone system for retrofitting or as an integrated system including the complete control and operating unit.



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SuperCenter EVO

SuperCenter EVO is the suitable powder center for fast and reliable color changes with a high degree of automation and dust-free operation. Equipped with sensors for data acquisition, you receive statistics on various production data, such as powder consumption.



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IPS / Smart Feeding

A new dimension of system availability, productivity and user-friendliness. The IPS coating center is an innovative complete solution that achieves consistently high coating results over a much longer period of time than conventional powder centers on the market. Powder preparation, feeding, dosing and color change are accommodated in a closed and fully automated system, that enables decisive improvements in the powder coating process.

Further components for powder feeding such as injectors, hose pumps and peristaltic feeders can be found on pages 21 - 24.



Powder centers

The powder center meets all requirements for the powder supply of an automatic coating system and forms the heart of such a system. WAGNER offers both entry-level solutions for small automatic coating systems as well as powder centers with fully automatic color change such as the WAGNER IPS. Most powder centers can be individually configured and are therefore equipped for all coating requirements.



PrimaCenter



PXE



PXM



PXS



SuperCenter EVO



IPS

Control

Gun control module

EPG S2	●	●	●	●	●	●
--------	---	---	---	---	---	---

Software

E control		●				
M control			●	●		
S control			○	○	●	●
Control powder center	●		●	○	○	
Integrated system control		●		○	●	●

Powder center touch screen

7"		○	●	○	○	
12"		○		○		
15.6"				○	○	

External touch screen

12"			○	□		
15.6"			○	□	□	●

Fresh powder system

Fresh powder supply

Carton box (one station)			□	●		●
Carton box (two stations)				□	●	●
Smart Boxer						●
BigBag (one station)			□	□	□	□
BigBag (two stations)						□

Fresh powder selection

Manual connection of hoses			●			
Selection at the touch screen				●	●	●

Fresh powder container

Carton box			□	●	●	●
Fluidized PVC hopper				□		□

Fresh powder preparation

Vibration table			□	●	●	●
Fluidization at suction tube				●		●

Monitoring of fresh powder level

Weight measurement				●	●	●
Powder consumption documentation				●	●	●

- Included
- Alternatively included
- Optionally included



Working container						
Working container						
Carton box with max. dimensions 400x406x406 (up to 20 guns)		□	□			
Hopper (up to 12 guns)	●					
Hopper (up to 22 guns)		○	○		●	
Hopper (up to 26 guns)				○		
Hopper (up to 34 guns)			○			
Hopper (up to 36 guns)				○		●
Fluidization						
Hopper bottom	●	●	●	●	●	●
Fluid sticks for carton box feeding		□	□			
Feeding element						
PI-F1	○	○	○		○	
Hi-Coat	○	○	○		○	
PXS PI-F1				●		
SFT						●
Powder preparation						
Vibration table		□	□	●	□	●
Fluidization	●	●	●	●	●	●
Integrated ultrasonic sieve				□	□	□
Sieve mesh size						
125 µm			○	○		○
160 µm			○	○		○
200 µm			○	○	○	○
260 µm						○
300 µm					●	
Sensors for working hopper						
Minimum	●	●	●	●	●	●
Maximum				●	●	●
Overload				●	●	●
Stepless level detection					●	●

- Included
- Alternatively included
- Optionally included

Powder centers



PrimaCenter



PXE



PXM



PXS



SuperCenter EVO



IPS

Circulation powder control

Manual switch from loss to recovery operation	●	●	●			
Switch from loss to recovery operation by automated time control				●	●	●

Automatic cleaning

Cleaning of fresh powder pump			□	●	●	
Cleaning of fresh powder suction tube			□	●	●	
Cleaning of hoses and injectors	●	●	●	●	●	
External cleaning of suction pipes	●	□	●		●	
Blow-off device for peristaltic pump	●	●	●	●	●	
Ca. 90% hopper cleaning				●	●	
Fully automatic cleaning cycle						●

Lighting

LED lighting		□	□	●		
RGB LED lighting					●	●

Filter connection

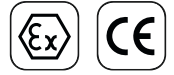
Flanged filter module		○	○			
Connection to afterfilter	●	○	○	○	●	●

- Included
- Alternatively included
- Optionally included



PrimaCenter Standalone

Powder preparation and supply center



The PrimaCenter Standalone can accommodate up to 12 powder injectors. It is designed for powder supply in color change systems and allows easy color change by semi-automated cleaning processes. No power supply is required.

Technical data

Length	800 mm
Width	800 mm
Height	2,216 mm
Air inlet pressure range	6 bar - 8 bar
Air consumption	25 Nm ³ /h

Product variants

Item no.

PrimaCenter standalone	2311500
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Processable materials

Organic powder coatings

Scope of delivery

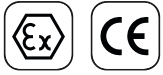
12 suction systems
Spring actuated weighing system for use as a minimum probe
Pneumatic slider for opening/closing the exhaust air connection
Powder container (3929955)

Order information

Direct order via the webshop possible

PXE powder center

Powder preparation and supply center



The PXE powder center offers the ideal entry into automatic powder coating due to the intuitive handling of the central control system. Depending on customer requirements, different basic versions are available. Up to 22 injectors can be supplied.



Technical data

Length	1,400 mm
Width	1,370 mm
Height	2,660 mm
Air inlet pressure range	6 bar - 8 bar
Air consumption	25 Nm³/h

Product variants

Configurable product. Please contact your local sales partner.

Processable materials

Organic powder coatings

Scope of delivery

PXE 7" standard version:

Supply of up to 22 injectors
Feeding out of the working container
No vibrating table
No wiper rings for the intake pipes
No integrated lighting

PXE 7" maximum version:

Supply of up to 20 injectors
Feeding out of the working container or box
Wiper rings available for the intake pipes
Vibrating table included
Integrated lighting

PXE 12":

Individual configuration of the equipment
Height, gap and depth control

Options:

Flanged filter module

Order information

Customer-specific configuration on request





PXM powder center

Powder preparation and supply center



The PXM powder center can be configured individually. Feeding from a box or fluid container with up to 34 injectors, as well as add-on modules such as filter suction, EPG rack, fresh powder supply and ultrasonic sieve allow a wide range of applications.

Technical data

Length	1,400 mm
Width	2,170 mm
Height	2,660 mm
Air inlet pressure range	6 bar - 8 bar
Air consumption	25 Nm ³ /h

Product variants

Configurable product. Please contact your local sales partner.

Processable materials

Organic powder coatings

Scope of delivery

Options:

Fluidizing unit for gun feeding out of the box

Fresh powder supply from the box

Ultrasonic sieving

Flanged filter module

Order information

Customer-specific configuration on request

PXS powder center

Powder preparation and supply center



The PXS is a powder supply system for both single-color and multi-color systems. It optionally includes the complete WAGNER system control for central operation. Due to its modular design it can be individually adapted to customer requirements and enables a safe, fast color change with coating results in high quality. The PXS can supply up to 36 injectors.



Technical data

Length	1,450 mm
Width	1,705 mm
Height	2,550 mm
Air inlet pressure range	6 bar - 8 bar

Product variants

Configurable product. Please contact your local sales partner.

Processable materials

Organic powder coatings

Scope of delivery

Options:

Ultrasonic sieve integrated in the working container

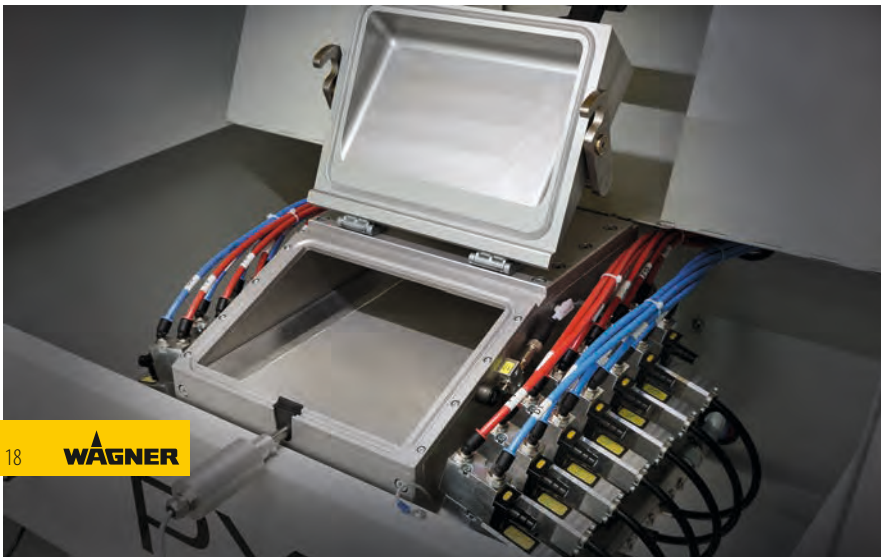
Integrated system control

Second fresh powder station

Fluid container for fresh powder station

Order information

Customer-specific configuration on request





SuperCenter EVO

Powder preparation and supply center



SuperCenter EVO is a powder center for frequent and fast color changes. The high degree of automation of individual processes enables easy operation with high efficiency. Powerful powder injectors produce a homogeneous powder feed. In combination with high-quality powder preparation by fluidization and optional high-frequency sieving, this results in high coating quality. The double-designed and automated fresh powder station with integrated weight sensors significantly increases productivity compared to conventional powder centers. The SuperCenter EVO is supplied with a complete system control, including central operation via a touch screen.

Technical data

Length	1,500 mm
Width	2,400 mm
Height	2,400 mm
Air inlet pressure range	6 bar - 8 bar
Three-phase-current connection	220–240 / 380–420 V, 50Hz

Product variants

Configurable product. Please contact your local sales partner.

Processable materials

Organic powder coatings

Scope of delivery

Integrated system control
Integrated touch screen 15"
EPG S2 gun control module integrated
Double fresh powder supply station

Order information

Customer-specific configuration on request
Local sales and service by Wagner S.p.A.

IPS

Powder preparation and supply center



The IPS is a powerful, highly integrated and fully automated powder supply and color change system. It has a double fresh powder supply, powder preparation by ultrasonic sieving, vibration and fluidization, as well as high-precision powder dosing elements for powder feeding to the guns. Integrated sensors such as weight, flow, pressure and level sensors as well as the fully automatic color change system offer high efficiency and productivity. The SFT feeding concept („Smart Feeding Technology“) produces a constant powder feed even for high output rates over a long period of time. The IPS is embedded in a complete system with central operation.

Technical data

Air inlet pressure range	6.5 bar – 8 bar
Three-phase connection	220–240 / 380–420 V, 50 Hz
Air consumption	160 Nm ³ /h – 550 Nm ³ /h

Product variants

Configurable product. Please contact your local sales partner.



Processable materials

Organic powder coatings

Scope of delivery

IPS MASTER powder preparation and feeding module
 SMART BOXER double fresh powder module
 EPG S2 gun control modules integrated in the IPS MASTER
 Central system control
 Freely placeable touchscreen 15"

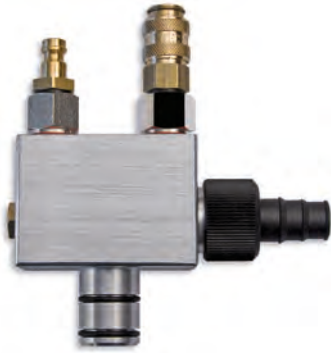
Order information

Customer-specific configuration on request



Standard injectors

Venturi feeding



The powder injectors are feeding systems for the supply of powder guns according to the Venturi principle. They are characterized by their high output range, easy operation and maintenance.

Technical data

Length	110 mm
Width	28 mm
Height	115 mm
Max. delivery height	4 m
Max. feedline length	15 m

Product variants

Item no.

Powder injector PXS	2366792
Powder injector PI-F1	241622
Powder injector PI-F1-S	2345418

Processable materials

Organic powder coatings

Scope of delivery

Powder injector PI

Collector nozzle

Injector nozzle

Conductive sleeve for hose connection D10-D12

Order information

Direct order via the webshop possible



HiCoat-ED feeding system

Venturi feeding



The HiCoat-ED feeding systems serve for the low-air supply of powder guns according to the Venturi principle. They are characterised by their simple operation and maintenance.



Technical data	
Length	110 mm
Width	28 mm
Height	115 mm
Max. delivery height	4 m
Max. feedline length	15 m

Product variants	Item no.
Hicoat-ed pump-f	241624
Hicoat-ed pump-p	241623

Processable materials

Organic powder coatings

Scope of delivery

- Powder injector HiCoat-ED pump
- Collector nozzle
- Injector nozzle
- Nozzle for hose connection D8-D10

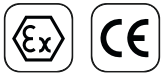
Order information

Direct order via the webshop possible



IP 5000

Dense flow feeding system



The IP 5000 is a feeding system for low-air feeding of large powder quantities. It can convey powder quantities of up to 5kg/min with low dust generation. It has an integrated service interval display, which almost eliminates unplanned production interruptions. An automatic flushing and cleaning program is integrated for safe and quick color change.

Technical data	
Length	202 mm
Width	385 mm
Height	760 mm
Air inlet pressure range	6 bar - 8 bar
Max. delivery height	5 m
Max. feedline length	50 m
Max. delivery rate	5,000 g/min

Product variants	Item no.
Powder pump IP5000	241004

Processable materials

Organic powder coatings

Scope of delivery

Pump with integrated control
Suction lance, powder hose and connection elements are not included

Order information

Direct order via the webshop possible



Peristaltic feeding system

Dense flow feeding system



The peristaltic feeding system is used for low-air intermediate or return conveying of coating powders by means of alternating pinch valves. Powder quantities of up to 4.5 kg/min can be conveyed. The system is often used in color change systems to return the overspray powder to a powder center. The special Y version has one outlet each for reused powder and for automatic disposal into a waste container.



Technical data	
Air inlet pressure range	6 bar - 8 bar
Protection class	IP 55
Max. delivery height	3.5 m
Max. feedline length	20 m
Powder delivery range	4,500 g/min

Processable materials

Organic powder coatings

Scope of delivery

Peristaltic feeding system

Order information

Direct order via the webshop possible

Product variants	Item no.
Peristaltic pump PP25C	2365797
Peristaltic pump PP25S	2365807
Peristaltic pump PP25Y	2364560
Peristaltic pump PP40C	2365826
Peristaltic pump PP40S	2364025
Peristaltic pump PP40Y	2372081



Accessories feeding & preparing

WAGNER offers you an extensive range of accessories for the feeding and preparation of powder coatings. Select your required components from the table.



	PrimaCenter Standalone	PXE	PXM	PXS	SuperCenter EVO	IPS	Powder injector PI-F1	Injector PXS	HiCoat-ED pump F	Powder pump IP5000	Peristaltic pump 25/40	Peristaltic pump 25Y/40Y
Powder delivery to gun supply												
Reduction sleeve D10	●	●	●				●		●			241580
Flat seal	●	●	●				●		●			241581
Venturi nozzle PI-F1							●					241225
Injector nozzle PI-F1							●					241923
Venturi nozzle ED pump									●			241229
Injector nozzle HiCoat-ED									●			241930
Venturi nozzle PXS								●				2357262
Injector nozzle PXS ET								●				2366797
Powder dosing unit ET						●						2402825
Measuring tools												
Check bolt collector nozzle							●		●			241929
Check bolt collector nozzle PXS								●				2383797
Tanks & containers												
Powder container	●	●	●									3929985
PVC cover for box no filter		●	●									2350989
PVC cover for box with sieve			●									2353300
PVC cover for tank 120 l no filter		●	●									2350986
PVC cover for tank 120 l with sieve			●									2357417
PVC cover for tank 120 l no filter 1xkp			●									2359829
Fluidized squared box		●	●									2383722
PVC cover for squared hopper fluidized		●	●									2383723
Adapter for carton fixation PXM		●	●									2383724
Fluid box assy. (PVC)				●		●						2360616



	PrimaCenter Standalone	PXE	PXM	PXS	SuperCenter EVO	IPS	Powder injector PI-F1	Injector PXS	HiCoat-ED Pump F	Powderpump IP5000	Peristaltic pump 25/40	Peristaltic pump 25Y/40Y
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Sieve technology

Sieve frame 160 µm (ET)				●								2366028
Sieve frame 200 µm (ET)				●								2366027
Sieve frame 36 160 µm ET				●								2370423
Sieve frame 36 200 µm ET				●								2370393
Sieve frame 160 µm assy.				●								2360892
Sieve frame 200 µm assy.				●								2360890
Sieve frame 36 160 µm assy.				●								2370378
Sieve frame 36 200 µm assy.				●								2370377
Sieve extension set plug in 350/200. ET			●									2353877
Sieve extension set plug in 350/160 ET			●									2358243
IPS Sieve frame MW265 ET						●						2402783

Cleaning aids

Air blow gun with spiral hose		●	●	●	●							2369516
Hose reel system assy.	●	●	●	●	●	●						3923136
Flushing gun	●	●	●	●	●	●						3920048
Male plug							●		●			3920043
Pressure air nozzle assy.		●	●									2358577
Powder wiper PXS				●								2370326

Peristaltic feed system

Flange set PP25										●	●	2366526
Pinch valve										●		3144056
Pinch valve 40										●	●	2308075
Pinch valve PP25Y											●	2349577
Spiral hose DN20										●	●	3147211
Hose set RG PXS DN14 20 m				●								2365857
Hose set RG PXS DN20 20 m				●								2365828
Hose set with SnapLock 1" 20 m (2x10 m)		●	●									3303443
Hose set with SnapLock 1" 25 m		●	●									3308855
Mounting set IP5000										●		241550
Pump frame IP5000										●		3313075
Service set IP5000 2 hoses D33X401										●		2312057
Service set IP5000 2 hoses D15x25x74										●		2312058



	PrimaCenter Standalone	PXE	PXM	PXS	SuperCenter EVO	IPS	Powder injector PI-F1	Injector PXS	HiCoat-ED Pump F	Powder pump IP5000	Peristaltic pump 25/40	Peristaltic pump 25Y/40Y
Hoses & connectors												
Hose adapter D8/10 ET							●		●			390936
Hose holder D10-D12 el. conductive							●			●		2305866
Hose holder D08-D10 el. conductive									●			2305867
Hose coupling, el. conductive (SP)		●	●							●		2353080
Socket				●								2357248
Socket reduction D8-9				●								2369981
Powder hose D14										●		2312126
Powder hose D14 TPU										●		2359121
Hose red, D8							●	●	●			9982063
Hose blue, D8							●	●	●			9982062
Hose black, D6											●	● 9982079
Mounting material												
Rear panel PXS cpl.				●								2369298

Easy handling for high-quality surfaces.



30

Manual powder guns

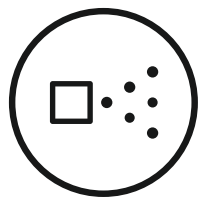
WAGNER manual guns set standards and trends for all types of surfaces in modern powder coating. A high degree of efficiency and quality can be achieved with WAGNER manual guns - the product philosophy combines an all-round balanced sophistication with a long service life and easy handling.



33

Manual application systems

WAGNER manual systems offer extensive functionality in combination with a manual gun and the corresponding control unit. All application parameters can be entered via a central, dynamic rotary knob.



Applying

WAGNER application equipment for powder coating enables reliable results for all types of surfaces. Our manual guns and systems stand out due to their easy operation, our automatic systems convince with high efficiency. This technology is the result of a continuous further development for strong performance in a multitude of coating applications.



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Automatic application systems

WAGNER automatic guns are available in two versions. The compact version can be used universally, the XL version especially for color change systems. Both are designed for high coating performance and a long service life. With the HiCoat charging and atomisation system, high-quality workpiece surfaces are achieved with efficient material utilisation.

Corona manual gun PEM-X1

Manual powder gun



The PEM-X1 combines balance, durability and easy handling. Balanced ergonomics allow flexible, more fatigue-free working. WAGNER combines handy design and functionality for high-quality surfaces. The use of a powder hose quick coupling allows an easier and faster color change.

Technical data	
Weight	490 g
Air inlet pressure range	3 bar
Protection class	IP 64
Input voltage	22 V
Output voltage	100 kV
Polarity	negative
Max. powder output	450 g/min
Operating temperature	5 °C - 45 °C

Product variants	Item no.
Manual Spray Gun PEM-X1	2322587
Manual Spray Gun PEM-X1 R	2335844



Processable materials

Organic powder coatings

Scope of delivery

- Flat jet or round jet nozzle system
- Gun cable Corona 6 m
- Atomizing air hose
- Wedge tool X1

Order information

Direct order via the webshop possible



Cup gun PEM-X1 CG

Manual powder gun



Due to its easy handling and ergonomics, the cup gun offers a suitable solution for laboratory and development purposes, as well as for powder coating of single parts and small quantities. Due to the simple plug-in principle, color change times of approx. 20 seconds can be achieved. The special funnel geometry helps powder flow.



Technical data

Weight	600 g
Air inlet pressure range	3 bar
Protection class	IP 64
Input voltage	22 V
Output voltage	100 kV
Polarity	negative
Max. powder output	200 g/min
Operating temperature	5 °C - 45 °C

Product variants

Airmatic cup-gun PEM-X1 CG

Item no.

2322588

Processable materials

Organic powder coatings

Scope of delivery

Powder cup with lid 210 ccm

Wedge tool

Gun cable Corona 4 m

Flat spray nozzle system

Order information

Direct order via the webshop possible



Tribo manual guns

Manual powder gun



Tribo manual guns can be used for processing Tribo powders. They are characterized by an efficient loading system with good ergonomics and low weight. Due to the dismountable charge body, only low wear costs are incurred.



Technical data	
Protection class	IP 54
Polarity	positive
Max. powder output	300 g/min

Product variants	Item no.
Cup-gun Tribo PEM-TG3	351036
Manual gun PEM-T3	351019

Processable materials

Organic Tribo powder coatings

Scope of delivery

- Flat jet and round jet nozzle system
- Atomizing air hose
- Gun cable Tribo 6 m

Order information

Direct order via the webshop possible



Manual unit SPRINT Airfluid XE

Manual application system



With the SPRINT Airfluid XE you can work straight out of the box. It is suitable for small batches and frequent color changes. The EPG SPRINT XE is used to set and save all parameters. Combined with the PEM-X1 you get high-quality surfaces. Due to the diagonal alignment of the powder box on the vibrating table an almost complete emptying is possible.

Technical data	
Weight	38 kg
Air inlet pressure range	6 bar - 8 bar
Protection class	IP 64
Input voltage	85 V - 250 V
Output voltage	100 kV
Polarity	negative
Max. powder output	450 g/min
Operating temperature	5 °C - 45 °C

Product variants	Item no.
Manual Unit SPRINT Airfluid XE	2355400
Manual Unit SPRINT Airfluid XE Japan	2355800
Manual Unit SPRINT Airfluid XE USA	2355402

Processable materials

Organic powder coatings

Scope of delivery

- Corona manual gun PEM-X1
- Gun cable Corona
- Control unit EPG SPRINT XE
- PI-F1 injector
- Suction lance with fluidizing crown
- Equipment cart with vibrating table
- Powder hose 5 m (Ø 11 mm)
- Power cord 3 m
- Ground cable 10 m
- Connecting hoses

Order information

Direct order via the webshop possible



Manual unit SPRINT 60L XE

Manual application system



The SPRINT 60L XE fluidizes the powder in an optional stainless steel container. The EPG SPRINT XE control unit is used to set and store all coating parameters. Combined with the PEM-X1 you get surfaces of high quality.



Technical data	
Weight	38 kg
Air inlet pressure range	6 bar - 8 bar
Protection class	IP 64
Input voltage	85 V - 250 V
Output voltage	100 kV
Polarity	negative
Max. powder output	450 g/min
Operating temperature	5 °C - 45 °C

Product variants	Item no.
Manual Unit SPRINT 60L XE w/o container	2355403
Manual Unit SPRINT 60L XE USA w/o container	2355404

Processable materials

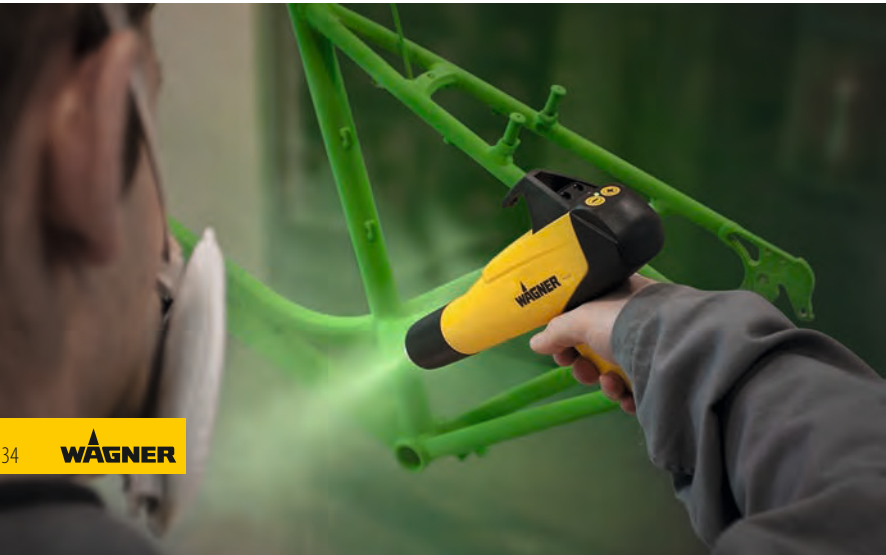
Organic powder coatings

Scope of delivery

- Corona manual gun PEM-X1
- Gun cable Corona
- Control unit EPG SPRINT XE
- PI-F1 injector
- Powder hose 5 m (Ø 11 mm)
- Power cord 3 m
- Ground cable 10 m
- Connecting hoses
- Separately available powder containers in the following sizes:
3, 25 and 60 litres (For article number see Accessories Applying)

Order information

Direct order via the webshop possible





Manual unit SPRINT Airfluid Tribo lance

Manual application system



The Tribo lance is suitable for coating large workpieces. Weld seams, recesses and cavities can be painted very well by the Tribo process. It is also possible to apply high coating thicknesses in the range of 300 µm. With the telescopic shaft version, the coater can work safely from the ground and obtain an enormous reach. A suitable alignment of the nozzle is possible with the 3D goose neck nozzle.

Technical data	
Air inlet pressure range	6 bar - 8 bar
Protection class	IP 64
Input voltage	85 V - 250 V
Polarity	negative
Max. powder output	250 g/min
Operating temperature	5 °C - 45 °C

Product variants	Item no.
SPRINT Airfluid C+TL1-1000	2368855
SPRINT Airfluid C+TL1-1800	2368856
SPRINT Airfluid C+TL1-2800	2368857
SPRINT Airfluid TL1-1000	2368852
SPRINT Airfluid TL1-1800	2368853
SPRINT Airfluid TL1-2800	2368854

Processable materials

Organic Tribo powder coatings

Scope of delivery

- Tribo lance
- Corona manual gun PEM-X1 (only C+TL versions)
- Control unit EPG SPRINT XE
- PI-F1 injector
- Equipment cart with vibrating table
- Power cord 3 m
- Ground cable 10 m
- Connecting hoses
- Powder hose for Tribo lance must be ordered separately (see Accessories Applying)

Order information

Direct order via the webshop possible



Manual unit SPRINT X 3L

Manual application system



The SPRINT X 3L fluidizes the powder in a 3 liter container. The EPG SPRINT X control unit is used to set and store all coating parameters. Combined with the PEM-X1 you get surfaces of high quality.



Technical data	
Air inlet pressure range	6 bar – 8 bar
Protection class	IP 64
Input voltage	85 V – 250 V
Output voltage	100 kV
Polarity	negative
Max. powder output	450 g/min
Operating temperature	5 °C – 45 °C

Product variants	Item no.
SPRINT X – 3L	2410223

Processable materials

Organic powder coatings

Scope of delivery

- Corona manual gun PEM-X1
- Flat jet and round jet nozzle system
- Gun holder
- Control unit EPG SPRINT X
- Vibrating table 3L
- Powder container 3L
- HiCoat-ED pump F injector
- Power cord
- Ground cable 10 m
- Wear tester nozzle
- Powder hose 5 m (Ø 9 mm)

Order information

Direct order via the webshop possible





Cup gun case set

Manual application system



With the addition of compressed air and power supply, this powder coating set is immediately ready for use. As suitable solution for small parts and mobile use, the set leads to excellent coating results.

Technical data	
Weight	10 kg
Air inlet pressure range	6 bar - 8 bar
Protection class	IP 64
Input voltage	250 V
Input current	85 µA
Output voltage	100 kV
Polarity	negative
Max. powder output	200 g/min
Operating temperature	5 °C - 45 °C

Product variants	Item no.
CupGun Set PEM-X1 CG USA	2356873
CupGun Set PEM-X1 CG	2328172

Processable materials

Organic powder coatings

Scope of delivery

- Cup gun PEM-X1 CG
- Flat jet and round jet nozzle system
- Wedge tool
- Powder cup with lid 210 ccm
- Gun cable 4 m
- Gun control module EPG SPRINT X
- Power cord
- Air hose package 4 m

Order information

Direct order via the webshop possible



Powder set/Spraypack manual

Set manual powder gun



The set consists of the core components for setting up a powder coating system. Manual gun, gun control unit, injector and a set of connecting hoses enable high-quality coating results.



Technical data

Weight	8.9 kg
Air inlet pressure range	6 bar - 8 bar
Protection class	IP 64
Input voltage	85 V - 250 V
Output voltage	100 kV
Polarity	negative
Max. powder output	450 g/min
Operating temperature	5 °C - 45 °C

Product variants

Item no.

PrimaSPRINT manual set F incl. console	2313689
PrimaSPRINT manual set incl. console	2313687
Powderset PEM X1 F	2331090
Powderset PEM X1 FM	2344899
Powderset PEM-X1 R	2355153

Processable materials

Organic powder coatings

Scope of delivery

- Corona manual gun PEM-X1
- Flat jet and/or round jet nozzle system
- Control unit EPG SPRINT X
- Power cord with ground cable 10 m
- PI-F1 injector
- Connecting hoses
- Powder hose (Ø 11 mm)
- Recipe sticker
- Options:
 - Console for EPG SPRINT X

Order information

Direct order via the webshop possible





Corona automatic guns

Automatic application system



Corona automatic guns are used for automatic coating in powder booths. The long-lasting and powerful high-voltage cascade ensures high application efficiency, while the extensive range of accessories enables an adaptation to specific coating tasks. The special modular design of the nozzle system minimizes the cost of wear parts.

Technical data	
Air inlet pressure range	6 bar - 8 bar
Protection class	IP 54
Input voltage	85 V - 250 V
Output voltage	100 kV
Polarity	negative

Product variants	Item no.
PEA C4 XL-S	2344249
PEA-C2 HiCoat Enamel	2325345
PEA-C4 FM	390016
PEA-C4 HiCoat	390004
PEA-C4 Twin	390010
PEA-C4XL 0.85	390005
PEA-C4XL 0.85 FM	390017
PEA-C4XL 1.1	390006
PEA-C4XL 1.1 FM	390018
PEA-C4XL 1.4	390007
PEA-C4XL 1.4 FM	390019
PEA-C4XL 1.8	390008
PEA-C4XL 1.8 FM	390020

Processable materials

Organic powder coatings

Scope of delivery

- PEA-C4 automatic gun
- Nozzle set F1
- Nozzle equipment
- Options:
- Nozzle systems see Accessories Applying
- Coronastar attachment

Order information

Direct order via the webshop possible



Tribo automatic guns

Automatic application system



Tribo automatic guns are used for automatic coating in powder booths. Tribo-compatible powders can be excellently charged by special powder and air guidance channels inside the gun to achieve a high transfer efficiency.



Technical data	
Protection class	IP 54
Polarity	positive
Max. powder output	300 g/min

Product variants	Item no.
PEA-T3	351018
PEA-T3XL 1.1	351030
PEA-T3XL 1.4	351029

Processable materials

Organic Tribo powder coatings

Scope of delivery

PEA-T3 automatic gun

Options:

Nozzle systems see Accessories Applying

Order information

Direct order via the webshop possible



Spraypack automatic

Automatic application system



The powder sets consist of the core components of an application equipment with control unit, gun, feeding system and connection components.

Technical data

Air inlet pressure range	6 bar - 8 bar
Protection class	IP 64
Input voltage	85 V - 250 V
Output voltage	100 kV
Polarity	negative
Max. powder output	450 g/min
Operating temperature	5 °C - 45 °C

Product variants

Product variants	Item no.
Powderset SPRINT Corona automatic	2305139
Powderset SPRINT Corona automatic 20m	2327782
Powderset SPRINT X C4XL 1.4 20m	2360239

Processable materials

Organic powder coatings

Scope of delivery

Automatic gun PEA-C4 or PEA-C4 XL 1.4
Control unit EPG SPRINT X
Gun cable Corona
PI-F1 injector

Order information

Direct order via the webshop possible



Accessories applying

WAGNER offers you an extensive range of accessories for the application of powder coatings. Select your required components from the table.



	Corona manual gun PEM-X1	Cup gun PEM-X1 CG	Tribo manual guns	Manual unit SPRINT Airfluid XE	Manual unit SPRINT 60L XE	Manual unit SPRINT Airfluid Tribo lance	Cup gun case set	Manual unit SPRINT X 3L	PEA-C4 HiCoat	PEA-C4XL	PEA-C4 Twin	PEA-T3	PEA-T3XL	Powder set spraypack manual	Powder set spraypack automatic
Corona manual gun															
Flat spray nozzle X1 assy	●	●		●	●		●	●						●	2321976
Electrode holder X1 F	●	●		●	●		●	●						●	2322529
Flat spray nozzle system X1 F5 Set	●	●		●	●		●	●						●	2387104
Nozzle X1 F5-X	●	●		●	●		●	●						●	2390036
Electrode holder X1 F5 SP	●	●		●	●		●	●						●	2387114
Deflector cone D18 asse.	●	●		●	●		●	●						●	2321981
Deflector cone D25 asse.	●	●		●	●		●	●						●	2321980
Deflector cone D34 assy	●	●		●	●		●	●						●	2321171
Electrode Holder X1 R + Spray Nozzle	●	●		●	●		●	●						●	2322493
Electrode Holder X1 R SP	●	●		●	●		●	●						●	2322490
Deflector cone sleeve X1	●	●		●	●		●	●						●	2320503
Flat spray nozzle X1 Ext	●	●		●	●		●	●						●	2324147
Round nozzle Package X1 Ext	●	●		●	●		●	●						●	2324148
Nozzle extension X1 EXT150	●	●		●	●		●	●						●	2323366
Nozzle extension X1 EXT300	●	●		●	●		●	●						●	2323356
Nozzle extension X1 EXT500	●	●		●	●		●	●						●	2323338
Outer nut	●	●		●	●		●	●						●	2320464
Wedge X1	●	●		●	●		●	●						●	2320488



Corona automatic gun														
Fan spray nozzle F1												●	●	●
Fan Spray nozzle F2												●	●	●
Fan Spray nozzle F3												●	●	●
Fan Spray nozzle F4												●	●	●
Nozzle HP01												●	●	●
Electrode holder C4 F												●	●	●
Flat spray nozzle C4 F5												●	●	●
Nozzle C4 F5-X												●	●	●
Flatspray nozzle system C4 F5 Set												●	●	●
Electrode holder C4 F5 SP												●	●	●
Deflector cone C4 D20												●	●	●
Deflector cone C4 D28												●	●	●
Deflector cone C4 D38												●	●	●
Electrode holder C4 R ET												●	●	●
Angled adapter WA30 C4												●	●	●
Angled adapter WA60 C4												●	●	●
Angled adapter WA90 C4												●	●	●
Extension 300mm C4												●	●	●
Outer nut												●	●	●
Outer nut for Corona Star												●	●	●
Protective wedge C4												●	●	●

Corona manual gun PEM-X1
Cup gun PEM-X1 CG
Tribo manual guns
Manual unit SPRINT Airfluid XE
Manual unit SPRINT 60L XE
Manual unit SPRINT Airfluid Tribo lance
Cup gun case set
Manual unit SPRINT X 3L
PEA-C4 HiCoat
PEA-C4XL
PEA-C4 Twin
PEA-T3
PEA-T3XL
Powder set spraypack manual
Powder set spraypack automatic

Tribo guns[illegible][illegible]

Corona manual gun PEM-X1
Cup gun PEM-X1 CG
Tribo manual guns
Manual unit SPRINT Airfluid XE
Manual unit SPRINT 60L XE
Manual unit SPRINT Airfluid Tribo lance
Cup gun case set
Manual unit SPRINT X 3L
PEA-C4 HiCoat
PEA-C4XL
PEA-C4 Twin
PEA-T3
PEA-T3XL
Powder set spraypack manual
Powder set spraypack automatic

Cups & Containers

Powder cup X1 210 ccm		●					●										2324139
5 pack powder cups X1 210 ccm		●					●										2324140
Cup 1.0L PEM-X1 CG Set 1Pc		●					●										2399466
Cup 1.0L PEM-X1 CG set 5 Pc		●					●										2399467
Cup 1.0L PEM-X1 CG set 10 Pc		●					●										2399468
Cup 1.0L PEM-X1 CG set 50 Pc		●					●										2399469
Cup holder PEM-X1 CG 1.0L Cup		●					●										2399470
Powder box 3L assy.				●	●			●									2304157
Container 25 L without Injector				●	●												264224
Powder container 25 L incl. PI-F1 I I				●	●												265034
Powder container 60 L without injector				●	●												264268
Powder container 60 L incl. PI-F1				●	●												265036

Measuring tools

Powder measuring bag (spare part)									●	●	●					●	390940
H.V. tester HV200 N	●	●		●	●		●	●	●	●	●	●	●	●	●	●	259010

Hoses & Connectors

Hose connector assy D8-D10	●	●	●	●	●		●	●	●	●	●			●	●	2322768
Hose connector assy D10-D12	●		●	●	●									●		2322761
Hose holder D10-D12 R SP									●	●		●	●		●	390965
Hose holder D08-D10 el. conductive									●	●		●	●		●	2305867
Hose holder D10-D12 el. conductive									●	●		●	●		●	2305866
Double connection									●	●		●				3137409
Connecting part el. conductive									●	●		●	●		●	2305865
Powder hose D8	●								●	●	●					351798
Powder hose D9				●	●		●	●	●	●	●	●	●	●	●	351794
Powder hose D10	●			●	●		●	●	●	●	●	●	●	●	●	2310699
Powder hose D11	●			●	●	●	●	●	●	●	●	●	●	●	●	2307502
Powder hose D12	●			●	●	●	●	●	●	●	●	●	●	●	●	2310700
Hose set TL 1-8m						●										2369617
Hose set TL 1-12m						●										2369618
Hose set TL 1-16m						●										2369619

Corona manual gun PEM-X1
Cup gun PEM-X1 CG
Tribo manual guns
Manual unit SPRINT Airfluid XE
Manual unit SPRINT 60L XE
Manual unit SPRINT Airfluid Tribo lance
Cup gun case set
Manual unit SPRINT X 3L
PEA-C4 HiCoat
PEA-C4XL
PEA-C4 Twin
PEA-T3
PEA-T3XL
Powder set spraypack manual
Powder set spraypack automatic

Extension / Conversion sets



Wall holder ass.				●	●		●						●		2330223
Injector holder SPRINT				●	●										2307117
Gun Mount								●				●		●	351347
Anti kinking XL-gun								●	●			●	●	●	351922
Anti kinking corresponding XL 1-fold								●	●			●	●	●	351923
Anti kinking corresponding XL 2-fold								●	●			●	●	●	373219

Suction system



Suction tube ST550/10		●	●							265281
Suction lance SN-2 550/10 dual		●	●							265272

Extension & controller cables



Manual gun cable PEM-X1 SP L=6 M	●	●				●	●						●		2334275
Manual gun cable PEM-X1 15 m SP	●	●				●	●						●		2334568
Connecting cable PEA-C2/C3/C4 5 m				●	●			●	●	●				●	351216
Connecting cable PEA-C2/C3/C4 10 m				●	●			●	●	●				●	351217
Connecting cable PEA-C2/C3/C4 20 m				●	●			●	●	●				●	351215
Connecting cable corona robot 5 m								●	●	●				●	2389819
Connecting cable robot 10 m								●	●	●				●	2389820
Connecting cable corona robot 20 m								●	●	●	●	●		●	2389821
Connecting cable PEA-T2 5 m			●					●	●	●	●	●		●	351297
Connecting cable PEA-T2 10 m			●					●	●	●	●	●		●	351296
Connecting cable PEA-T3 20 m			●					●	●	●	●	●		●	351295

Mounting material



Filter separator				●	●		●	●						●	2305860
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Retrofit-Sets

[illegible]



	Corona manual gun PEM-X1	Cup gun PEM-X1 CG	Tribo manual guns	Manual unit SPRINT Airfluid XE	Manual unit SPRINT 60L XE	Manual unit SPRINT Airfluid Tribo lance	Cup gun case set	Manual unit SPRINT X 3L	PEA-C4 HiCoat	PEA-C4XL	PEA-C4 Twin	PEA-T3	PEA-T3XL	Powder set spraypack manual	Powder set spraypack automatic	
Retrofit sets																
Retrofit set for PEA-C2/C3 to C4 R									●							390922
Retrofit set for PEA-C2/C3 to C4 F									●							390905
Retrofit set for PEA-C2/C3 XL to C4 XL R										●						390923
Retrofit set for PEA-C2/C3XL to C4XL F										●						390906
Retrofit set for PEA-C2 Twin to C4 Twin											●					390925
Retrofit set for PEA-C2 Twin to C4 Twin											●					390908
Retrofit set tribo lance TL1 - 1000				●												2370544
Retrofit set tribo lance TL1 - 1800				●												2370545
Retrofit set tribo lance TL1 - 2800				●												2370546

Fast color change for reliable results.



50

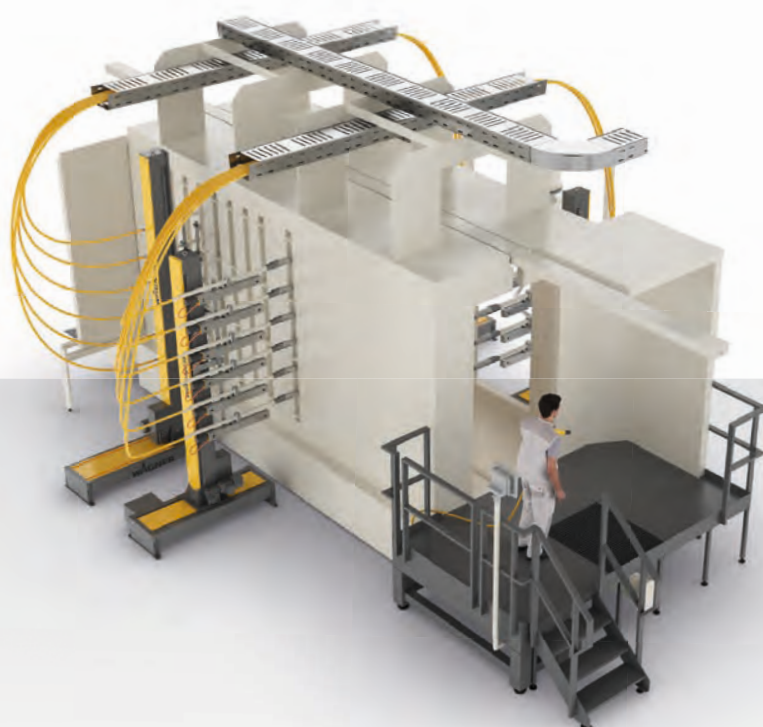
Manual booths

WAGNER manual booths offer an entry-level solution for powder coating, but can also be integrated into automatic systems. With the BASIC line there are two cost-effective booth variants available. The ID line with its different available variants enables the coating of single parts as well as small series.



Booths

Low space requirement with high performance and flexibility - this is what WAGNER powder booth systems stand for. From systems for entry-level users and small businesses to fully automatic powder coating units including pre- and/or post-coating, we always offer the right solution for fast color change and efficient material utilisation. The combination with our recovery systems enables you to reduce costs in the long term, while also relieving the environment.



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Automatic booths

Thanks to their extremely robust and low-maintenance design, our stainless steel automatic booths are particularly suitable for use in harsh working environments. Today, automatic plastic booths made of PVC are mainly used in modern powder coating plants. PVC is suitable for the construction of a complete system because of its mechanical properties (robust, repairable) and in particular because of its electrostatic properties.

Suspension booth BASIC 4000

Manual booth



The suspension booth BASIC 4000 is suitable for coating individual parts or small series and is equipped with the essential basic functions for a cost-effective system.



Technical data	
Length	1,516 mm
Width	1,516 mm
Height	2,904 mm
Input frequency	50 Hz
Input voltage	230 V - 400 V
Number of filter cartridges	2
Filter surface	40 m²
Motor rated power	3 kW
Suction capacity	4,000 m³/h
Air consumption	25 Nm³/h

Product variants	Item no.
Suspension Booth Basic 4000 left side	3305080
Suspension Booth Basic 4000 right side	3306210

Processable materials

Organic powder coatings

Scope of delivery

Booth housing complete
2 filter cartridges unmounted
Deflector grille

Order information

Direct order via the webshop possible



Spray wall BASIC 8000

Manual booth



The BASIC 8000 spray wall is suitable for coating larger parts and is equipped with the essential basic functions for a cost-effective system. Its design makes it ideal for integration into manual conveyor systems.

Technical data

Length	1,102 mm
Width	3,000 mm
Height	3,119 mm
Input frequency	50 Hz
Input voltage	230 V - 400 V
Number of filter cartridges	3
Filter surface	60 m ²
Motor rated power	6 kW
Suction capacity	8,000 m ³ /h
Air consumption	25 Nm ³ /h

Product variants

Product variants	Item no.
Spray stand BASIC 8000 left side	3301920
Spray stand BASIC 8000 right side	3306211

Processable materials

Organic powder coatings

Scope of delivery

Recovery unit in 2 segments
 Fan motor unmounted
 3 guide plates unmounted
 Sound insulation hood unmounted
 3 filter cartridges unmounted
 Assembly material

Order information

Direct order via the webshop possible

ID transfer booth

Manual booth



The ID transfer booth is specially designed for coating small and large series in continuous operation. It convinces by its robust and scratch-resistant stainless steel floor.



Technical data	
Width	500 mm
Height	1,530 mm
Input frequency	50 Hz
Input voltage	220 V - 380 V
Number of filter cartridges	3
Filter surface	30 m²
Motor rated power	2.2 kW
Suction capacity	4,000 m³/h
Air consumption	20 Nm³/h

Product variants	Item no.
ID Run-Through Booth 2,5m Spray-to-Recov	3056730
ID Run-Through Booth Spray-to-Waste	3056770
ID Run-Through Booth 3,5m Spray-to-Recov	3063837

Processable materials

Organic powder coatings

Scope of delivery

- 3 filter cartridges
- Deflector grille
- Booth housing complete

Order information

Direct order via the webshop possible



ID suspension booth

Manual booth



The ID suspension booth is specially designed for small series with different color shades. It convinces by its robust and scratch-resistant stainless steel floor. The suspension hook integrated in the roof allows a safe grounding of the workpieces.

Technical data

Length	1,900 mm
Width	1,500 mm
Height	2,250 mm
Input frequency	50 Hz
Input voltage	220 V - 380 V
Number of filter cartridges	3
Filter surface	30 m ²
Motor rated power	2.2 kW
Suction capacity	4,000 m ³ /h
Air consumption	20 Nm ³ /h

Processable materials

Organic powder coatings

Scope of delivery

3 filter cartridges

Deflector grille

Booth housing complete

Order information

Direct order via the webshop possible

Product variants

Item no.

ID suspension booth circul. mode + rail	3082406
ID suspension booth for circulation mode	3057190
ID suspension booth spray-to-waste mode	3056720

ID spray wall

Manual booth



The ID spray wall is especially suitable for coating larger parts in single color operation or with frequent color changes. It convinces by its robust and scratch-resistant stainless steel floor.



Technical data	
Length	1,980 mm
Width	2,500 mm
Height	2,550 mm
Input frequency	50 Hz
Input voltage	220 V - 380 V
Number of filter cartridges	3
Filter surface	30 m²
Motor rated power	2.2 kW
Suction capacity	4,000 m³/h
Air consumption	20 Nm³/h

Product variants	Item no.
ID Spraywall Spray-to-Recovery	3057870
ID Spraywall Spray-to-Waste	3057905

Processable materials

Organic powder coatings

Scope of delivery

- 3 filter cartridges
- Deflector grille
- Spray wall complete

Order information

Direct order via the webshop possible





Automatic plastic booths



QuickCube



M-Cube



S-Cube

Technical details

Height max.	2,900 mm / 114 inch	4,130 mm / 163 inch	Variable
Width max.	2,020 mm / 80 inch	2,460 mm / 97 inch	Variable
Length max.	2,400 mm / 94 inch	2,700 mm / 106 inch	Variable
Wall thickness	100 mm / 4 inch	100 mm / 4 inch	100 mm / 4 inch
Material	PVC sandwich	PVC sandwich	PVC sandwich
Suction concept	Along the length of the booth housing, on the outside. No disturbance of the coating zone.		
Suction pipes	2 - laterally arranged, rectangular	2 - laterally arranged, round	
Floor blow off	Included - From the center to the outside, no disturbance of the coating zone.		
Booth doors available	-	● (Swing door at the entrance)	-
Gun slots	1-3	1-3	Variable
Automatic gun blow off	□	□	●

Workpiece specifications

Max. workpiece height	2,000 mm / 79 inch	2,500 mm / 99 inch	Variable
Max. workpiece width	800 mm / 39 inch (for H = 2,000 mm / 79 inch, B is max. 800 mm / 32 inch)	1,000 mm / 39 inch (for H = 2,500 mm / 99 inch, B is max. 800 mm / 32 inch)	Variable

Manual coating

Number of manual coaters max.	2 Positioned externally	2 Positioned externally	Variable
Pre-coater	1x	1x	Variable
Post-coater	1x	1x	Variable

Moving technology

Vertical moving unit	VU2-1800 / VU2-2400	All VU1 / VU2	All VU1 / VU2
Horizontal moving unit	HU 1000 / RS 1000	All HU1 / All RS	All HU1 / All RS
Robot integration	-	-	●
Axis integration	-	□	●

Recovery

Zyclone and filter	13,000 & 17,000 Nm³/h 7,650 cfm & 10,000 cfm	Up to 21,000 Nm³/h Up to 12,360 cfm	Individual depending on requirements
Energy Efficiency Package	●	●	●

● Included / standard
□ Optionally included
- Not included

QuickCube

Automatic plastic booth

The QuickCube plastic booth is available in four pre-configured sizes. A quick color change is possible due to the PVC sandwich design. Due to their modular design, the manual coating platforms can be individually positioned for pre and/or post coating.

The booth has a maximum of 3 gun slots per side. The plastic floor is accessible.



Technical data

Length	2,400 mm
Width max.	2,020 mm
Height max.	2,900 mm
Suction power	13,000 Nm ³ /h – 17,000 Nm ³ /h

Product variants

Configurable product. Please contact your local sales partner.

Processable materials

Organic powder coatings

Scope of delivery

QuickCube plastic booth

Integrated floor blow-off system

Options:

Platform for manual coating

Order information

Configuration on request

M-Cube

Automatic plastic booth

The M-Cube plastic booth is configured according to customer specifications. A quick color change is possible due to the PVC sandwich design. Due to their modular design, the manual coating platforms can be placed individually for pre and/or post coating. The plastic floor is accessible.



Technical data

Length	2,700 mm
Width	2,460 mm
Height	4,130 mm
Suction power	13,000 Nm ³ /h - 21,000 Nm ³ /h

Product variants

Configurable product. Please contact your local sales partner.

Processable materials

Organic powder coatings

Scope of delivery

M-Cube plastic booth
Integrated floor blow-off system
Options:
Platform for manual coating

Order information

Customer-specific configuration on request



S-Cube

Automatic plastic booth

The S-Cube plastic booth is configured according to customer specifications. Robot and axis technology can be integrated and the use of the PVC elements allows a fast color change. Due to their modular design, the manual coating platforms can be placed individually for pre and/or post coating. The plastic floor is accessible.

Product variants

Configurable product. Please contact your local sales partner.

Processable materials

Organic powder coatings

Scope of delivery

S-Cube plastic booth

Integrated floor blow-off system

Options:

Platform for manual coating

Order information

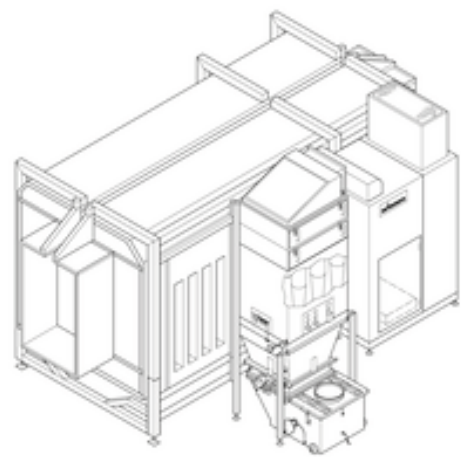
Customer-specific configuration on request

ICM - multicyclone booths

Automatic stainless steel booth



The Integral Compact Multicyclone (ICM) stainless steel booth is designed for automatic powder coating and manual coating in multi-color operation. It stands out for its stable and robust construction. The stainless steel floor is accessible.



Technical data	
Air inlet pressure range	8 bar
Input frequency	50 Hz
Input voltage	400 V - 690 V
Number of filter cartridges	12
Suction power	8,000 Nm³/h, 10,000 Nm³/h, 2x 8,000 Nm³/h, 2x 10,000 Nm³/h

Product variants
Configurable product. Please contact your local sales partner.

Processable materials

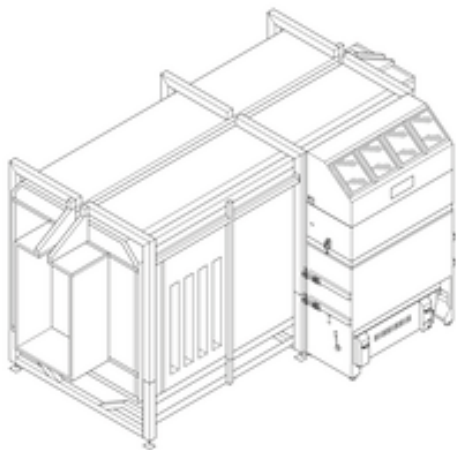
Organic powder coatings

Scope of delivery

Configured ICM automatic stainless steel booth

Order information

Customer-specific configuration on request



ICF - filter booths

Automatic stainless steel booth



The Integral Compact Filter (ICF) stainless steel filter booth is designed for automatic powder coating and manual coating. By changing the powder and filter trolleys, color changes can be carried out. It stands out for its stable and robust construction. The stainless steel floor is accessible.

Technical data	
Air inlet pressure range	8 bar
Input frequency	50 Hz
Input voltage	400 V - 690 V
Number of filter cartridges	10
Suction power	8,000 Nm³/h, 12,000 Nm³/h, 2x 8,000 Nm³/h, 2x 12,000 Nm³/h

Product variants
Configurable product. Please contact your local sales partner.

Processable materials

Organic powder coatings

Scope of delivery


Configured ICF automatic stainless steel booth

Order information

Customer-specific configuration on request

Accessories booths

WAGNER offers you a wide range of accessories for the powder booths.
Select your required components from the table.

	Suspension booth BASIC 4000	Spray wall BASIC 8000	ID transfer booth	ID suspension booth	ID spray wall	QuickCube	M-Cube	S-Cube	ICM - multicyclone booth	ICF - filter booth	
Cups & containers											
			●	●	●						3055950
Powder trolley assy. ID 1 Injector			●	●	●						3104860
Powder trolley assy. ID 2 Injector			●	●	●						3105976
Powder trolley, no lid									●		3150742
Vibrator drive assy. IMZ I									●		3101339
Damping chamber assy.									●		3134640
Container lid 1-4 Inj. assy.									●		3310770
Container lid 1-8 Inj. assy.									●		3310771
Container lid 1-12 Inj. assy.									●		3310772
Container lid 1-16 Inj. assy.									●		3310773
Powder collection cont.assy									●		3067000
Powder trolley 1-4 inj.										●	3310775
Powder trolley 1-8 inj.										●	3310776
Powder trolley 1-12 inj.										●	3310777
Powder trolley 1-16 inj.										●	3310778
Mixed powder trolley										●	3054065
Cleaning aids											
	●	●	●	●	●	●	●	●	●	●	3920048
Hose reel system assy.	●	●	●	●	●	●	●	●	●	●	3923136
Extension for blowing gun 460 mm	●	●	●	●	●	●	●	●	●	●	3921960
Extension for blowing gun 960 mm	●	●	●	●	●	●	●	●	●	●	3920051
Extension for blowing gun 1460 mm						●	●	●	●	●	3920052
Extension for blowing gun 1960 mm						●	●	●	●	●	3923041
Extension for blowing gun 2500 mm						●	●	●	●	●	3927555
Extension for blowing gun 3000 mm						●	●	●	●	●	3927556
Nozzle essay just with clutch	●	●	●	●	●	●	●	●	●	●	3920053
Cleaning nozzle for conveyor protector						●	●	●	●	●	3923043
Link nozzle 40 mm						●	●	●	●	●	3303641
Sieving technology											
									●		3106026
Sieving chamber 315 qmm assy									●		3069260
IMZ I 3106026										●	3059011

	Suspension booth BASIC 4000	Spray wall BASIC 8000	ID transfer booth	ID suspension booth	ID spray wall	QuickCube	M-Cube	S-Cube	ICM - multicyclone booth	ICF - filter booth	
Noise reduction											
Silencer hood ID top assy.			●	●	●						3058017
Blow out silencer									●		3140958
Silencer hood assy.									●		3103049
Cleaning tools											
Multitex roll in pickbox	●	●	●	●	●	●	●	●	●	●	3311137
Rubber scraper									●	●	3107454
Scraper									●	●	3107456
Mounting parts											
Small ground panel Basic 8000		●									3305528
Big ground panel Basic 8000		●									3305529



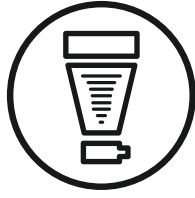
Strong performance for a positive eco-balance.



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Cyclones

The highly efficient WAGNER cyclones are used with automatic booths for color change systems. The cyclone separates the extracted powder/air mixture, the exhaust air passes through a pipe to the afterfilter. The powder is screened and returned to the guns. Due to the flow-optimized design of the cyclone, significantly lower pressure losses are achieved than with conventional systems, which can lead to considerable savings in the energy requirement (motor power) of the afterfilter.



Recovery

WAGNER recovery systems separate the powder/air mixture extracted from the booth and return the separated powder back into the powder circuit. You have the choice between two options: Filter and cyclone recovery systems.



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Filters

The filter is used for the direct separation of coating powder with a very high separation efficiency. There are separate standing filter modules „after filter“ and modules „ICF“ which can be flanged to the side of the cabins. The filters are planned in recovery concepts as loss filters or for a specific colour shade. The mobile filter trolley is easily exchangeable when changing colors.

Monocyclone EEP

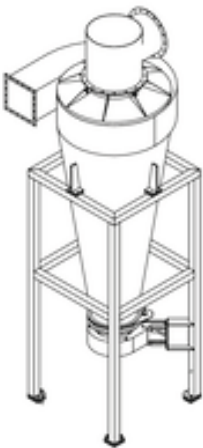
Powder recovery system



The highly efficient WAGNER monocyclone is used with automatic booths for color change systems. It separates the extracted powder/air mixture. The exhaust air passes through a pipe to the afterfilter and the powder is sieved and returned to the guns. Due to the flow-optimised design, considerably lower pressure losses are achieved than with conventional systems, which allows savings of up to 40% of the energy requirement (motor power) of the afterfilter.

Technical data	
Weight	850 - 1,150 kg (depending on type)
Air inlet pressure range	6 bar - 8 bar
Suction power	12,000 Nm³/h - 24,000 Nm³/h
Operating temperature	5 °C - 40 °C

Product variants	Item no.
Monocyclone EEP-1 cpl. 12000 m³/h left	2364089
Monocyclone EEP-1 cpl. 12000 m³/h right	2364679
Monocyclone EEP-1 cpl. 16000 m³/h left	2364840
Monocyclone EEP-1 cpl. 16000 m³/h right	2364837
Monocyclone EEP-1 cpl. 20000 m³/h left	2361161
Monocyclone EEP-1 cpl. 20000 m³/h right	2366919
Monocyclone EEP-1 cpl. 24000 m³/h left	2366966
Monocyclone EEP-1 cpl. 24000 m³/h right	2366958



Processable materials

Organic powder coatings

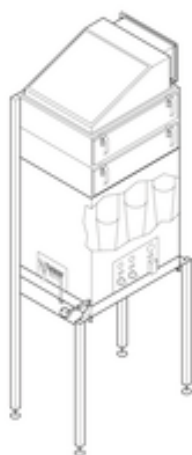
Scope of delivery

- Monocyclone with frame (inlet either right or left)
- Powder discharge with 2-hand control
- Vibration sieve 400 µm
- Without peristaltic feeder
- Without pipeline
- Without afterfilter

Order information

Direct order via the webshop possible





Multicyclone

Powder recovery system



The multicyclone unit is used as a powder recovery system in the WAGNER ICM stainless steel booths. It is characterised by a compact design and a high separation efficiency.

Technical data

Weight	400 kg
Suction power	8,000 Nm ³ /h - 12,000 Nm ³ /h
Operating temperature	5 °C - 45 °C

Product variants

Item no.

Multicyclone Unit	3100315
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Processable materials

Organic powder coatings

Scope of delivery

Without afterfilter
Without powder container
Without pipeline

Order information

Direct order via the webshop possible

Afterfilter unit monocyclone EEP

Powder recovery system



Afterfilters are required to operate a cyclone system. They provide the necessary suction capacity and must be matched to the pressure loss in the overall system. The use of efficient motor/fan combinations and high-performance filter cartridges result in significantly lower energy consumption and reduced operating costs.

Technical data	
Air inlet pressure range	6 bar - 7 bar
Input voltage	220–240 / 380–420 V
Suction power	9,000 Nm³/h - 25,000 Nm³/h
Operating temperature	-10 °C - 65 °C
Compressed air requirement max.	16.2 Nm/h

Product variants	Item no.
Filterunit 3DFP9-15-9000-R	2366476
Filterunit 4DFP12-18.5-13000-R	2360681
Filterunit 4DFP16-22-17000-R	2360653
Filterunit 4DFP16-30-21000-R	2366562
Filterunit 4DFP24-37-25000-R	2360683
Filterunit 3DFP9-15-9000-L	2366477
Filterunit 4DFP12-18.5-13000-L	2360682
Filterunit 4DFP16-22-17000-R	2360680
Filterunit 4DFP16-30-21000-R	2366563
Filterunit 4DFP24-37-25000-R	2360684



Processable materials

Organic powder coatings

Scope of delivery

- Filter unit with powder collection trolley
- Fan unit
- Exhaust silencer
- Filter control unit (optionally left or right)

Order information

Direct order via the webshop possible



Afterfilter unit ICM multicyclone

Powder recovery system



Afterfilters are required for the operation of an ICM multicyclone system. They provide the necessary extraction capacity and must be matched to the pressure loss of the overall system. Automated filter cleaning and differential pressure monitoring ensure that the extraction capacity is maintained.

Technical data	
Air inlet pressure range	6 bar - 8 bar
Three-phase-current connection	220–240 / 380–420V
Number of filter cartridges	12
Filter surface	120 ft²
Sound level	82 dB(A)
Suction power	8,000 Nm³/h - 12,000 Nm³/h
Operating temperature	5 °C - 35 °C

Product variants	Item no.
Filter modul ICM 8000m³/h cpl.	3140956
Filter modul ICM 10000m³/h cpl.	3140957
Filter modul ICM 12000m³/h cpl.	3304378

Processable materials

Organic powder coatings

Scope of delivery

- Filter unit with powder collection trolley
- Fan unit
- Exhaust silencer not included

Order information

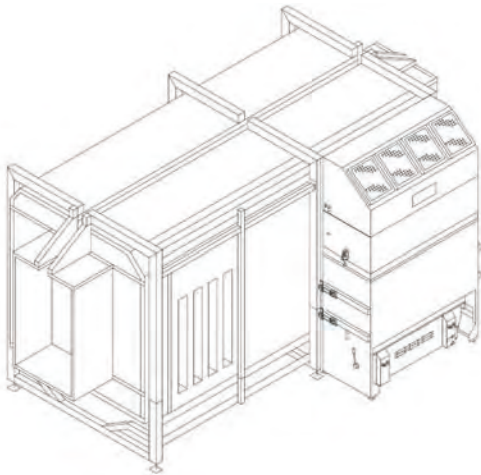
Direct order via the webshop possible

ICF filter recovery

Powder recovery system



The filter is used for direct separation of coating powders and enables a very high separation efficiency. The ICF system can be flanged directly to the booth. The mobile filter trolley can be easily replaced when changing colors.



Technical data

Air inlet pressure range	6 bar - 8 bar
Number of filter cartridges	10
Suction power	8,000 Nm³/h - 12,000 Nm³/h

Product variants

Configurable product consisting of exhaust air box, fan box and filter trolley.
Please contact your local sales partner.

Processable materials

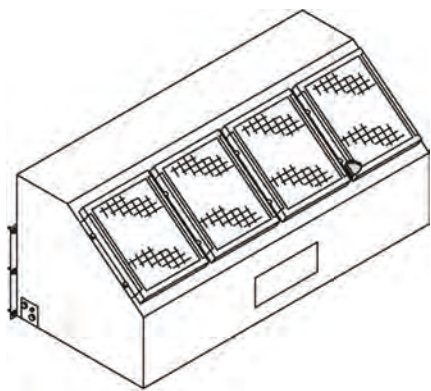
Organic powder coatings

Scope of delivery

- Configuration consisting of:
- Air outlet box
 - Fan box
 - Filter trolley

Order information

A configuration of the ICF filter recovery can be done on request.



ICF filter recovery - exhaust air box

Powder recovery system

The exhaust air box collects the air drawn in and blown out by the fans and feeds it into the environment in a soundproofed manner.

Technical data	
Suction power	8,000 Nm³/h - 12,000 Nm³/h

Product variants	Item no.
Air outlet box assy. 12000m³/h	3059990
Air outlet box assy. 8000m³/h	3059080

Processable materials
Organic powder coatings

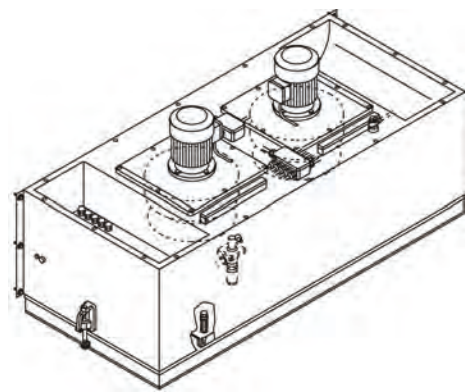
Scope of delivery
Air outlet box
Sound insulation elements

Order information
Configuration element of the ICF filter recovery

ICF filter recovery - fan box

Powder recovery system

The fan box enables a certain extraction capacity of a booth. By means of fan characteristics, the air flow rate can be determined if the pressure loss of the system is known. It is optimally matched to the ICF system.



Technical data	
Air inlet pressure range	6 bar - 8 bar
Three-phase-current connection	220–240 / 380–420V
Sound level	78 dB(A)
Suction power	8,000 Nm³/h - 12,000 Nm³/h

Product variants	Item no.
Fan box with cleaning 12000m³/h	3059980
Fan box with cleaning 8000m³/h	3059100

Processable materials

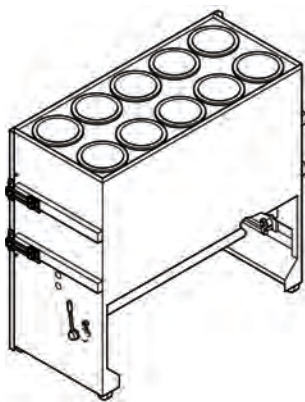
Organic powder coatings

Scope of delivery

- 10 pulse cleaning valves
- 2 fan motors
- 2 radial fan impellers
- Fan box

Order information

Configuration element of the ICF filter recovery



ICF filter recovery

Powder recovery system

The powder/air mixture drawn from the booth is separated in the filter trolley. The powder is retained in the filter cartridges, which are regularly cleaned with compressed air pulses. The powder recovered in this way can thus be returned to the cycle.

Technical data	
Air inlet pressure range	6 bar - 8 bar
Number of filter cartridges	10
Suction power	8,000 Nm³/h - 12,000 Nm³/h

Product variants	Item no.
Filter trolley assy. 12000m³/h	3060002
Filter trolley assy. 8000m³/h	3059060

Processable materials

Organic powder coatings

Scope of delivery

- 10 filter cartridges
- Filter box with insertion opening for powder container

Order information

Configuration element of the ICF filter recovery

Accessories recovery

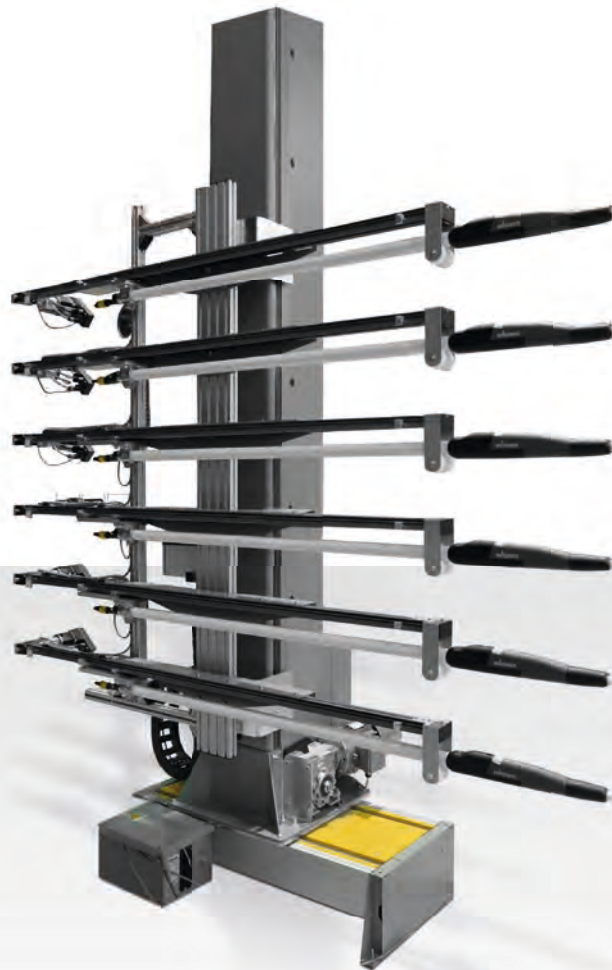
WAGNER offers you a wide range of accessories for the recovery of powder coatings. Select your required components from the table.

	Monocyclone EEP	Multicyclone	Filterunit 4DFP16-22-17000-R	Filter module ICM 10000m³/h cpl.	ICF filter recovery	
Filter cartridge						
Filter cartridge Ultraweb			●			2341742
Filter cartridge (open/close)				●		2403601
Filter cartridge (open/open)				●		2403602
Filter cartridge ICF 8000					●	2403603
Filter cartridge ICF 12000					●	2403604
Viledon filter mat				●		3100027
Cleaning tools						
Plasticgranulate cyclone cleaning 25kg	●	●				2412487





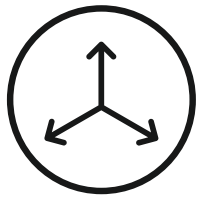
Dynamic motion for more flexibility.



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Linear units

With the motion technology from WAGNER you are equipped for reliable coating results in automatic applications. The motion unit, whether long or short stroke, can be used flexibly and enables the precise execution of individual motion sequences. In combination with the horizontal sliding table, more complex movements can also be carried out and the workpieces can thus be coated efficiently.



Moving

The coating of complex parts such as the interior coating of cabinets requires the individual movement of independent guns. WAGNER offers various systems, ranging from simple linear units to dynamic 3D coating with Z axes.



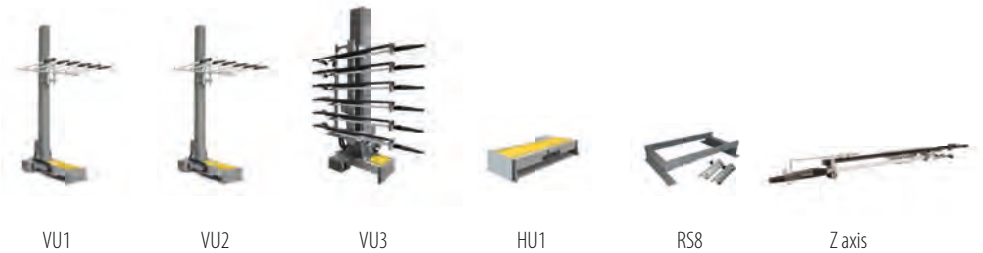
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Z axes

The WAGNER Z axes enable the targeted movement of individual axes and thus an efficient and high-quality coating of complex workpieces. They convince with simple programming, high area output and low space requirement.

Motion technology

With the latest motion technology from WAGNER you are equipped for reliable coating results in automatic applications. Whether long or short stroke, with the flexibly applicable motion units you can carry out every individual motion sequence precisely. In combination with the horizontal sliding table more complex movements can also be carried out and workpieces can be coated efficiently. The coating of complicated parts such as the interior coating of cabinets requires the individual movement of independent guns. Z axes make this possible even without the purchase of an expensive robot.



Vertical moving units

Maximum stroke	1,800 mm	○	○			
	2,000 mm			●		
	2,400 mm	○	○			
	3,000 mm	○				
Minimum stroke	100 mm	●	●	●		
Lifting & lowering speed / moving speed	6 - 30 m/min	●	●	●		
Max. load of the equipment carrier	33 kg		●			
	79 kg	●				
	160 kg			●		
Max. number of guns* (reference gun: PEA C4 XL 1.4)	Horizontal	8	6			1
	Vertical	7	7			
	Horizontal/vertical	12	7	24		
Max. number of Z axes	PEA C4 XL 1.4	4		9		
	PEA C4 XL 1.8	3		7		

Horizontal moving units

Moving distance	600 mm				○	○	
	1,000 mm				○	○	
	1,200 mm				○	○	
	1,600 mm				○		
	Variabel						●
Speed	6 m/min				●		
	30 m/min						●

*The distance between the guns must be at least 300 mm to ensure proper functioning.

● Included
○ Alternatively included
□ Optionally included



Vertical moving system VU1

Reciprocator

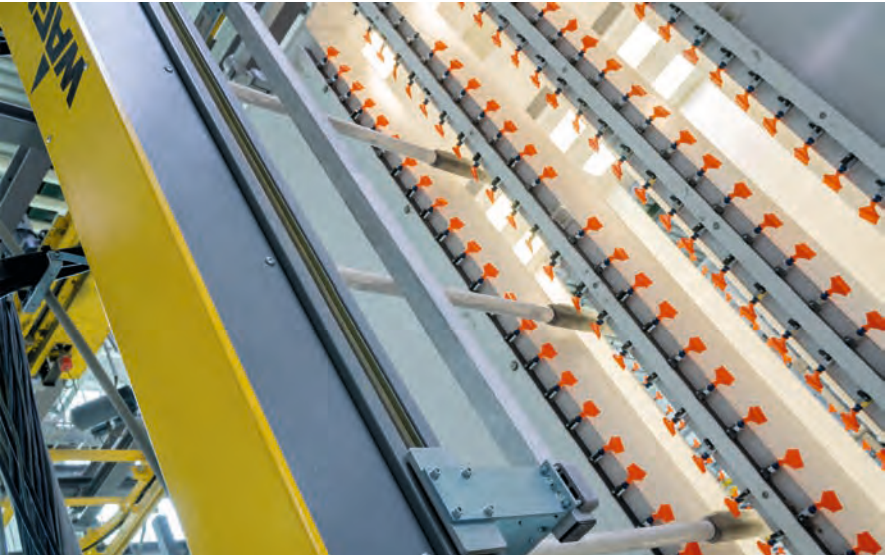


The VU1 can be used flexibly, both for short or long strokes with horizontally or vertically arranged gun installations and as a positioner. Combined with a horizontal sliding table, more complex motion sequences are also possible.

Technical data	
Protection class	IP 54
Input frequency	50 Hz
Input voltage	230 V - 400 V
Ascend and descend speed	30 m/min
Max. load capacity	79 kg
Motor rated power	0.75 kW
Ambient temperature range	0 °C - 45 °C

Order information
Direct order via the webshop possible

Product variants	Item no.
Vertical moving device VU 1-1800	2327615
Vertical moving device VU 1-2400	2327616
Vertical moving device VU 1-3000	2327617



Vertical moving system VU2

Reciprocator



The VU2 can be used flexibly, both for short or long strokes with horizontally or vertically arranged gun installations and as a positioner. Combined with a horizontal sliding table, more complex motion sequences are also possible.



Technical data	
Protection class	IP 54
Input frequency	50 Hz
Input voltage	230 V - 400 V
Ascend and descend speed	30 m/min
Max. load capacity	33 kg
Motor rated power	0.55 kW
Ambient temperature range	0 °C - 45 °C

Order information

Direct order via the webshop possible

Product variants	Item no.
Vertical moving device VU 2-1800	2363696
Vertical moving device VU 2-2400	2363695





Vertical moving system VU3

Reciprocator



The VU3 is specially designed for heavy loads of up to 160 kg. It is therefore ideally suited in combination with up to nine Z-axes. With this technology, highly complex, dynamic 3D movements can be realized. Even with difficult part geometries, the VU3 ensures high automatic area coverage with very low powder consumption.

Technical data	
Protection class	IP 54
Input frequency	50 Hz
Input voltage	400 V
Ascend and descend speed	30 m/min
Max. load capacity	160 kg
Motor rated power	2.2 kW
Ambient temperature range	0 °C - 45 °C

Order information

Direct order via the webshop possible

Product variants	Item no.
Vertical moving device VU 3-2000	2411131



Horizontal moving system

Sliding table



The sliding table is very precise and stable and has a drive unit that, after a reference run, is able to determine and move to the exact position at any time. An ideal solution for the safe positioning of lifting devices.



Technical data	
Width	600 mm
Height	282 mm
Protection class	IP 54
Input frequency	50 Hz
Input voltage	230 V - 400 V
Ascend and descend speed	6 m/min
Max. load capacity	450 kg
Motor rated power	0.18 kW
Ambient temperature range	0 °C - 45 °C

Order information
Direct order via the webshop possible

Product variants	Item no.
Hor. moving device HU1-1000	2335048
Hor. moving device HU1-1200	2327621
Hor. moving device HU1-1200 ExII3G	2327625
Hor. moving device HU1-1600	2327622
Hor. moving device HU1-600	2327619



Roller set RS 8

Sliding table

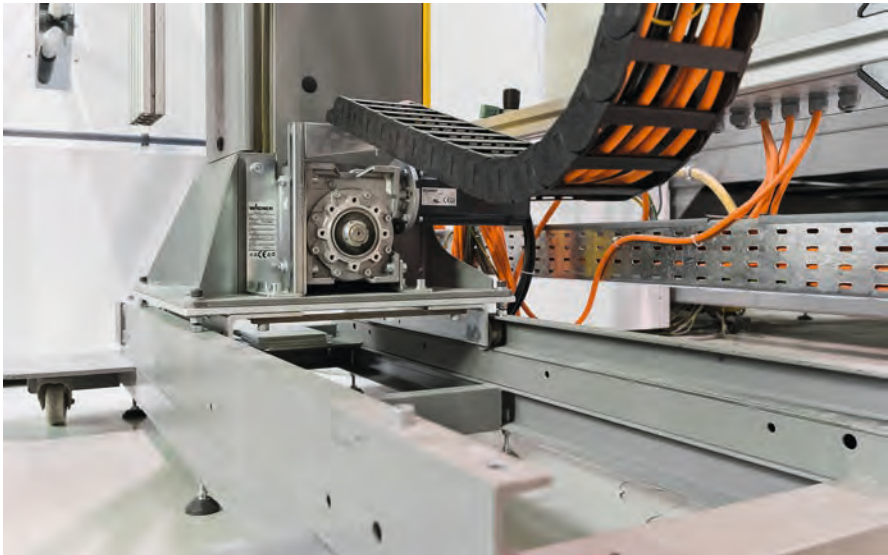
Manual sliding table for horizontal positioning of the lifting devices
and for adjustment of the gun distance to the workpiece.



Product variants	Item no.
Roller set RS 8-1000	2337074
Roller set RS 8-1200	2327630
Roller set RS 8- 600	2327628

Order information

Direct order via the webshop possible



Z axes

3D moving system



Z axes are used for the rectilinear movement of individual guns. Usually one Z axis per gun is used to achieve an ideal placement of the guns for complex parts or internal coatings. Z axes are also used as positioning axes for gun groups or other axes.



Technical data	
Protection class	IP 54
Ascend and descend speed	30 m/min
Ambient temperature range	0 °C - 40 °C

Order information

The WAGNER engineering department will make an offer on request within a short period of time.
Z and positioning axes are individually sized to meet customer requirements.





Hose guide type Easy V1

Hose guide

Hose guide Easy V1 is a simple system to prevent bending of powder and air hoses. This ensures trouble-free operation. Type H is suitable for horizontal, type V for vertical gun arrangements.

Configuration Easy V1	Variable	Example
Vertical gun arrangement		
Max. number of guns: 12	N1	6
Max. workpiece height: 2.400 mm	H1	1.800 mm
Number of hoses per gun: max. 2	N2	1

Description	Pos.	Number	Configuration	Result
Support H1 = 2.300 mm	A	3304975	= 2 (H1<1900)	2
Support H1 = 2.800 mm	B	3304976	= 2 (H1>1800)	
Angle support bracket	C	3304954	= N1*N2/2 (round up)	3
Kink protector complete L = 600 mm	D	3304989	= N1+(N1*N2)	12
Kink protector holder	E	3107501	= D	12
Cylinder head screw M8x55	F	9900337	= C*2	6
Contact washer M8	G	3155404	= 2*C +2	14
Hexagon nut M8	H	9910107	= F	6
Cylinder head screw M6x16	I	9900325	= E	12
Washer A6.4	J	9920103	= E	12
Lock washer 6	K	9921502	= E	12
Hexagon nut M6	L	9910102	= E	12
Ring terminal M8/4-6 mm² yellow	M	3054811	= 4	4
Plastic insulated wire 6.0 mm² green/yellow	N	3052344	= 4	4
Ground label, self-adhesive, round	O	3050348	= 4	4
Lock washer B8	P	3050187	= 4	4
Screw anchor	Q	3145555	= 4	4
Building plan	R	3305078	= 1	1

Order information

Please order the individual parts according to the configuration table.



Hose guide type Easy H

Hose guide

Hose guide Easy is a simple system to prevent bending of powder and air hoses. This ensures trouble-free operation. Type H is suitable for horizontal, type V for vertical gun arrangements.



Configuration Easy H	Variable	Example
Horizontal gun arrangement		
Max. number of guns: 12	N1	6
Max. workpiece height: 2.400 mm	H1	1.800 mm
Number of hoses per gun: max. 2	N2	1

Description	Pos.	Number	Configuration	Result
Support H1=2.300mm	A	3304975	= 2 (H1<2200)	2
Support H1=2.800mm	B	3304976	= 2 (H1>2200)	
Support tube	C	3304990	= 1 (D<19) otherwise 2	1
Kink protector complete L=600 mm	D	3304989	= N1+(N1*N2)	12
Kink protector holder	E	3107501	= D	12
Cylinder head screw M8x100	F	9900337	= C*2	2
Contact washer M8	G	3155404	= 2*C +2	6
Hexagon nut M8	H	9910107	= F	2
Cylinder head screw M6x55	I	9906036	= E	12
Washer A6,4	J	9920103	= E	12
Lock washer 6	K	9921502	= E	12
Hexagon nut M6	L	9910102	= E	12
Ring terminal M8/4-6 mm ² yellow	M	3054811	= 4	4
Plastic insulated wire 6.0 mm ² green/yellow	N	3052344	= 4	4
Ground label, self-adhesive, round	O	3050348	= 4	4
Lock washer B8	P	3050187	= 4	4
Sealing plug	Q	701316	= 2*C	2
Screw anchor	R	3145555	= 4	4
Building plan	S	3305079	= 1	1

Order information

Please order the individual parts according to the configuration table.

Accessories moving

WAGNER offers you a wide range of accessories for moving equipment. Select your required components from the table.

	Vertical moving device VU 1	Vertical moving device VU 2	Vertical moving device VU 3	Horizontal moving device HU 1	Roller set RS 8	
Fixtures						
Base support VU	●	●				2334258
Base support VU cpl.	●	●				2336702
Base support VU3			●			2414170
Base support VU3 cpl.			●			2414384
Gun mount assembly, square, cpl.	●	●				3305515
Gun assembly VU - 1R-hor. 4 guns	●	●				2336731
Gun assembly VU - 1R-hor. 6 guns	●	●				2336732
Gun assembly VU - 2R-hor. 2x6 guns	●	●				2336733
Gun assembly VU - 2R-ver. 6 guns	●	●				2336734
Gun assembly VU3 - 2R-ver. 2x7 guns			●			2414385
Base support VU3 for z-axis unit			●			2406240
Counterweights						
Counter weight VU1 - 1.1kg	●					2336261
Counter weight VU1 - 15kg	●					2339412
Counter weight VU2 - 0.5kg		●				2363697
Counter weight VU3 - 2.2kg			●			2406180
Mounting material						
Cross clamp, sq.-rd.	●	●	●			373235
Cross clamp, sq.-sq.	●	●	●			373236
Square tube, aluminium, 40x40x3	●	●	●			8034003
Protective cap, black, 3 mm	●	●	●			9998577
Square tube, aluminium, 40x40x2	●	●	●			8073997
Protective cap, black, 2 mm	●	●	●			9990548
Energy chain set						
Energy chain set HU1 600-900				●		2328542
Energy chain set HU1 901-1200				●		2328543
Energy chain set HU1 1201-1500				●		2328544
Energy chain set HU1 1501-1800				●		2328545
Energy chain set RS8 600-1200					●	2336432



Individual and modular even for complex tasks.



93

Gun control modules EPG SPRINT

With the EPG SPRINT X and XE modules, all parameters can be set easily and clearly. Thanks to the recipe memory, every program can be stored, which ensures high-quality and reproducible results.



95

Gun control module EPG S2

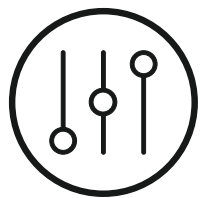
The EPG S2 is used to control all WAGNER guns in an automatic system. Two guns per EPG can be connected and operated independently of each other via a central control system.



96

SprayPackE

SprayPackE is an application control that ensures high-quality coating results with simple operation. The modular design enables fast installation and subsequent expansion. The wide range of functions allows coating with significant energy and material savings. The central operation via a touch screen with professional visualization represents a reference in this product segment.



Controlling

Reliability and precision for high-quality coating results - this is what WAGNER control technology stands for. It offers the ideal basis for modern and efficient automation solutions in powder coating. No matter what your requirements are, we have the right solution for you.



97

ProfiTech M

WAGNER ProfiTech M is an industrial control system with extensive standard functions. Numerous interfaces allow the system to be integrated into the entire production process. Secure communication meets industrial standards. The range of functions extends from simple gun control to complex motion technology with specific individual functions.



98

Engineered systems control

With the system controls adapted to individual customer requirements, you have the complete powder coating plant under control. Even complex, customer-specific control relations are easy and user-friendly to parameterize and call up on the touch panel. Comprehensive functions ensure excellent coating results and high process reliability. Coating data acquisition and the possibility of data backup round off the system.



99

Layer Check LC 1000

The Layer Check LC 1000 enables contactless measurement of the layer thickness of powder and liquid paint directly after application. This leads to reduced costs, improved quality and process reliability. The advantages are significant material savings, prevention of rejects and system downtime, and seamless logging during the coating process.

Control categories

With the WAGNER control components you always have your complete powder coating system under control. Even complex, customer-specific control connections can be parameterised and called up easily and in a user-friendly manner. Extensive functions ensure excellent coating results and process reliability. Coating data acquisition and the possibility of data backup complete the systems.



Control category
E



Control category
M



Control category
S

HMI touch screen sizes

	7"	10.4"	12"	15.6"
7"	●			
10.4"		●		
12" (only for PXE)			●	
15.6"				●
External touch screen			□	□

Standalone control units

SprayPackE (MCE)	●	●		
ProfiTech M (MCM)			●	

System control

IPS				●
SuperCenter EVO				●
PXS			●	●
PXM			●	●
PXE	●	●		●

Operation

System preparation support	●	●	●	●
Conveyor speed display	●	●	●	●
Conveyor control interface				●
Color change guide	●	●	●	●
Quick recipe correction	●	●	●	●
Status overview	●	●	●	●
Eco mode			●	●
Automatic mode	●	●	●	●
Manual mode	●	●	●	●

- Included
- Alternatively included
- Optionally included



Control category
E
7" 12"



Control category
M



Control category
S

Application control

	7"	12"		
Gun output calibrator			●	●
Gun current curve optimizer	●	●	●	●
Gap control	●	●	●	●
Multi stroke speed			●	●
Height control 4 segments vertical	●	●		
Height control 32 segments			●	●
Height positioning			●	●
Active sine coating			●	●
Depth positioning	●	●	●	●
Depth control		●	●	●
Z axis depth control 3D				□
Dynamic 3D coating				□
Multi zone coating				□
Multi motion control				□
Height area control			●	●
Robot coating I/O				□

Job

Recipe upload/download	●	●	●	●
Recipe management	●	●	●	●
Recipe direct call	●	●	●	●
Recipe pre call (manual activation)			●	●
Recipe pre call (light barrier activation)			●	●
Recipe auto call (external activation)			●	●
Recipe code plate call & activation			●	●
Color change modes (50%/100%/200%)				●
Color management				□

- Included
- Alternatively included
- Optionally included

Control categories



Control category
E



Control category
M



Control category
S

Support

	7"	12"		
Remote support	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alarm management	●	●	●	●
Maintenance counter	●	●	●	●
Log book			●	●
Diagnostics	●	●	●	●

Settings

User administration	●	●	●	●
Localization/language	●	●	●	●
Recipe (import/export)	●	●	●	●
Machine parameter lounge (upload/download/back up)	●	●	●	●
WAGNER Device Tool (update/ upgrade/back up)	●	●	●	●
Station view				●
Group automatic guns	●	●	●	●

Connectivity

COATIFY ready		<input type="checkbox"/>		<input type="checkbox"/>
SCADA/ MES/ ERP interface				<input type="checkbox"/>

Customizability

Engineered control functions				<input type="checkbox"/>
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- Included
- Alternatively included
- Optionally included

Gun control module EPG SPRINT X

Control system



The EPG SPRINT X is used for manual control of manual and automatic guns. By connecting the power supply of further EPG modules the EPG SPRINT X can be used individually as well as for complete systems. High-precision air volume and high voltage regulators allow reproducible coating results.

Technical data	
Length	200 mm
Width	270 mm
Height	136 mm
Weight	3,300 g
Protection class	IP 64
Input voltage	85 V - 250 V
Polarity	negative or positive
Operating temperature	5 °C - 45 °C

Order information

Direct order via the webshop possible

Product variants	Item no.
Controller EPG SPRINT X	2324731

Gun control module

EPG SPRINT XE

Control system



The EPG SPRINT XE is used for manual control of manual and automatic guns. By means of an additional power supply a vibration motor can be connected, which is started by the gun trigger. High-precision air volume and high voltage regulators allow reproducible coating results.

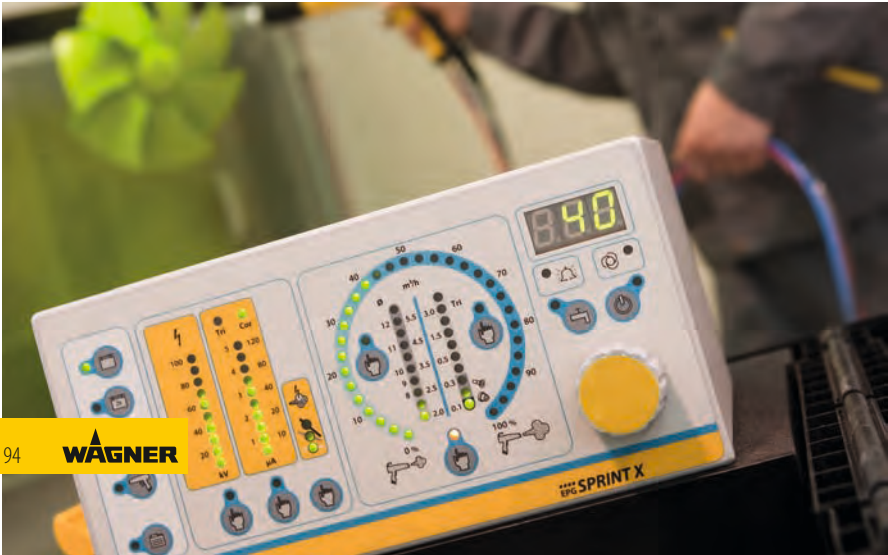


Technical data	
Length	200 mm
Width	270 mm
Height	136 mm
Weight	330 g
Protection class	IP 64
Input voltage	85 V - 250 V
Polarity	negative or positive
Operating temperature	5 °C - 45 °C

Order information

Direct order via the webshop possible

Product variants	Item no.
Controller EPG SPRINT XE	2353221



Gun control module EPG S2

Control system



The EPG S2 is used to control all WAGNER guns in an automatic system. Two guns per EPG can be connected and remote controlled independently of each other via a central control unit. High-precision air volume and high voltage regulators allow reproducible coating results.

Technical data	
Length	300 mm
Width	270 mm
Height	136 mm
Weight	5,900 g
Air inlet pressure range	6 bar - 8 bar
Protection class	IP 64
Input frequency	50 Hz - 60 Hz
Input voltage	85 V - 250 V
Polarity	negative or positive
Operating temperature	45 °C - 45 °C

Scope of delivery

Set 1x EPG S2 includes
1x EPG S2
Connection cable

Order information

Direct order via the webshop possible

Product variants	Item no.
Set 1 x EPG S2	2350983
Controller EPG S2	2316991
Controler EPG S2 FM (US/C)	2343176



SprayPackE

Control system



The SprayPackE is an application control system that ensures high-quality coating results with easy operation. The central control is mounted at an ergonomic height. It can be customized for a maximum of 20 automatic guns.



Technical data	
Length	500 mm
Width	628 mm
Height	1800 mm

Product variants
Configurable product. Please contact your local sales partner.

Scope of delivery

- Configuration consisting of the following components:
- MCE central control
 - EPG S2 gun control modules
- Options:
- CPE power module for power supply of the motion technology
 - CPE with additional function for safety fence interlock

Order information

Customer-specific configuration on request

ProfiTech M

Control system



The system enables excellent coating results due to its modular design and extensive functional range. Efficient working is ensured by the logical menu structure and the „touch and twist“ operating concept.

Technical data

Protection class	IP 54
Input frequency	50 Hz - 60 Hz

Product variants

Configurable product. Please contact your local sales partner.

Scope of delivery

Configuration consisting of the following components:
MCM Master Control Module for central system control
CPS control cabinet for central power supply
EPG S2 gun control modules
Light strips for workpiece recognition

Order information

Customer-specific configuration on request



Engineered System Controls

Individual control systems

In addition to the WAGNER series control systems there is the possibility of generating specific control functions for highly automated, innovative coating systems in cooperation with the WAGNER application and control experts.

Here, an individual, extended functionality of the system control, e.g. by improving the integration of the coating system into your production process, can lead to a considerable improvement of productivity and process safety.



Layer Check LC 1000

Layer thickness measuring system



Contactless measurement of the layer thickness of powder and liquid coating directly after application, at a distance of up to 50 cm from the workpiece. This leads to reduced costs, improved quality and process reliability.

Technical data	
Measuring distance	5 - 50 cm **
Measuring point	2 - 50 mm *
Scope of measurement:	
Powder coating without curing	1 - 1.000 µm
Powder coating after curing	1 - 1.000 µm
Powder coating before curing	1 - 1.000 µm
Liquid coating	1 - 200 µm
Duration of measurement	20 ms - 2.000 ms **
Measuring interval	2 - 8 s (optional: 1 - 4 s) ***
Measuring interval in continuous operation:	
Standard model	10 s
Robot/lift model	1 s
Movement of the measured object	15 m/min **
Standard deviation	< 0,5% */***
Angle tolerance	+/- 60° **
Mains connection	IEC 320-C14
Mains voltage	230 V AC, 50 Hz
Fuse	10 A
Power consumption	max. 2.000 W
Operating temperature:	
Standard model	5 - 30 °C
Robot/lift model:	
Measuring head	5 - 50 °C
Measuring device	5 - 25 °C
Humidity	< 60%
Size & weight:	
Standard model	38 x 51 x 20 cm / 16 kg
Robot/lift model	25,3 x 20,4 x 16,8 cm / 5,2 kg
Interface:	
Ethernet	yes
External control	yes

* dependent on distance / focal length
** dependent on model, coating material, substrate material and layer thickness
*** dependent on energy settings
Robot/lift model on request for customer-specific solutions

Processable materials

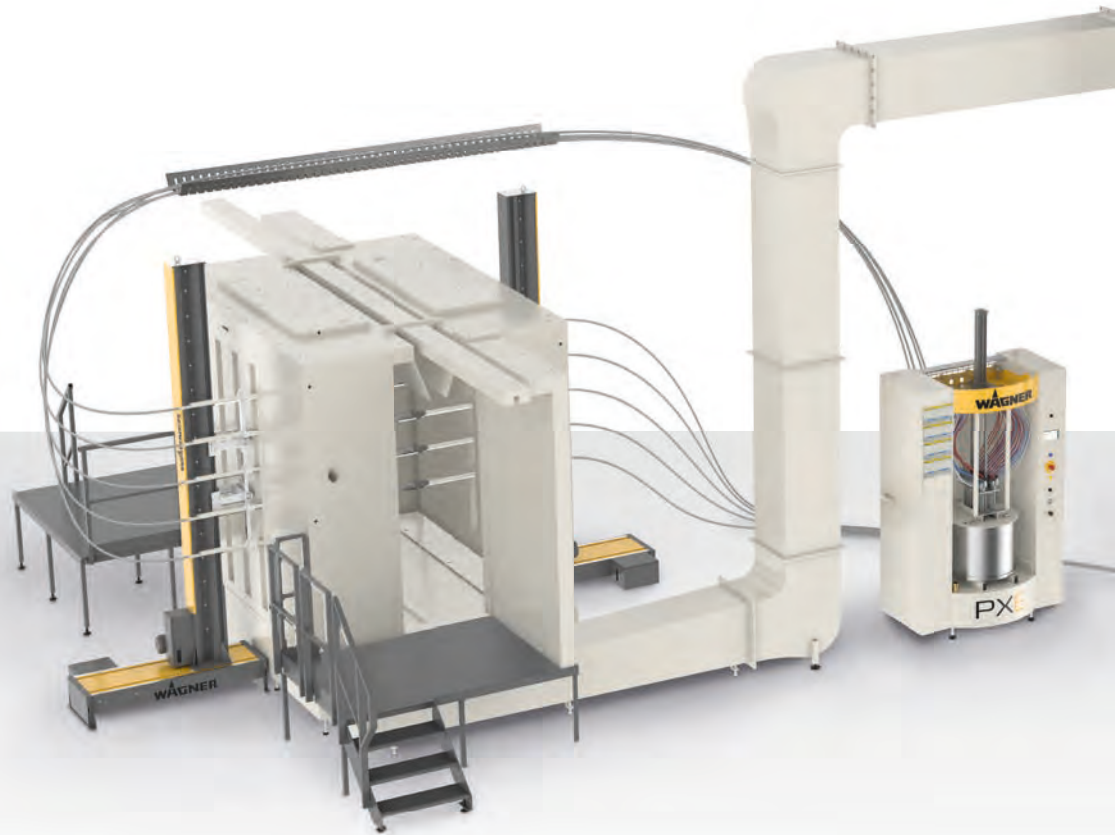
Metals

Scope of delivery

- Layer Check measurement device
- Power cord
- Layer Check gateway (PC)
- Connection kit
- Grounding cable
- Display 15.6", support arm, USB
- Pallet truck
- Light barrier

Product variants	Item no.
Layer Check LC 1000 Standard system with lift	2388371

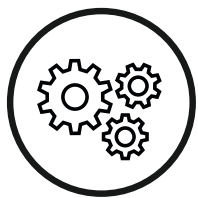
Concentrated efficiency in one system.



104-110

E-Line 13000 & 17000

The application solution WAGNER E-Line combines all WAGNER components in an efficient powder coating system. The high-quality system components ensure outstanding surface results: Quick color change booth QuickCube, PXE powder center, energy efficiency recovery system, powerful PEA-C4 automatic guns, precise EPG S2 modules and an accurate motion system.



Complete Systems

WAGNER complete systems consist of high-quality components which are also used in complex customer-specific plants. Individual adaptation is possible through standardisation and an intelligent modular design.



E-Line / PXE application packages



Booth					
QuickCube 12000			○	○	
QuickCube 16000			○	○	
Manual coating					
Manual platform			□	□	Max. 2 platforms possible
PEM-X1 set	□	□	□	□	
Recovery					
Recovery system 13000			○	○	Compatible with QuickCube 12000
Recovery system 17000			○	○	Compatible with QuickCube 16000
Application					
2-7 x application package E-Cube (2x PEA C4)	●	○	●	○	
2-7 x application package E-Cube (2x PEA C4 XL)	○	●	○	●	
EPG S2 set	●	●	●	●	
Powder center and feeding					
7" PXE (standard version)	●		●		For container feeding only
7" PXE (maximum version)	○		○		Including pick-up tube scraper, LED light, vibration table, carton feeding
12" PXE (maximum version)		●		●	Optional depth control
PI-F1 injector set	●	●	●	●	Same amount as guns
Hi-Coat injector set	○	○	○	○	Same amount as guns
Control functions and workpiece recognition					
PXE 7": Gap & height* control (4 segments)	□		□		*Only for vertical gun arrangement
PXE 12": Gap & height* control (32 segments)		□		□	*Only for vertical gun arrangement
PXE 12": Depth control		□		□	Only in combination with HU1
Portal for light curtain	□	□	□	□	

- Included
- Alternatively included
- Optionally included



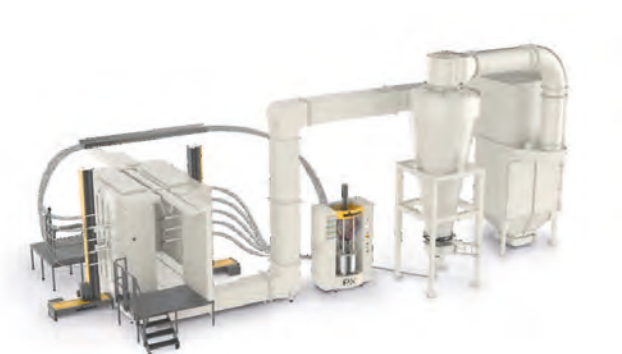
Moving					
VU 2-1800, RS 8-1000, cables (2x)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
VU 2-2400, RS 8-1000, cables (2x)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
VU 2-1800, HU1-1000, cables (2x)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
VU 2-2400, HU1-1000, cables (2x)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Gun arrangement					
Gun arrangement horizontal/vertical	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Easy hose guide	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Gun blow off device					
Gun blow off depending on gun arrangement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Only with HU1, PEA C4 XL
Assembly material					
Mechanical assembly material			●	●	Based on standard layouts
Electric assembly material			●	●	Based on standard layouts
Cable ducts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Based on standard layouts
Safety and service equipment					
Safety fence with safety switch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Depends on regional demands and customer specifications
Without fire fighting system	●	●	●	●	
Fire fighting system including CO ₂			<input type="checkbox"/>	<input type="checkbox"/>	Only for EU countries and with assembly supervision
Remote service module (Secomea)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Remote service only possible with installed remote service module
Accessories					
Cleaning tool set	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Spare part set	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

- Included
- Alternatively included
- Optionally included

E-Line system 13000

Complete system

The E-Line application solution includes all components necessary for automatic coating. This coating system offers the entry into automatic powder coating and enables fast color changes, excellent coating quality and high process reliability.



Technical data

Air inlet diameter	25.4 mm
Air inlet pressure range	6 bar - 8 bar
Three-phase-current connection	220–240 / 380–420 V, 50Hz
Motor rated power	15 kW
Suction power	13,000 Nm³/h

Product variants

Configurable product. Please contact your local sales partner.

Processable materials

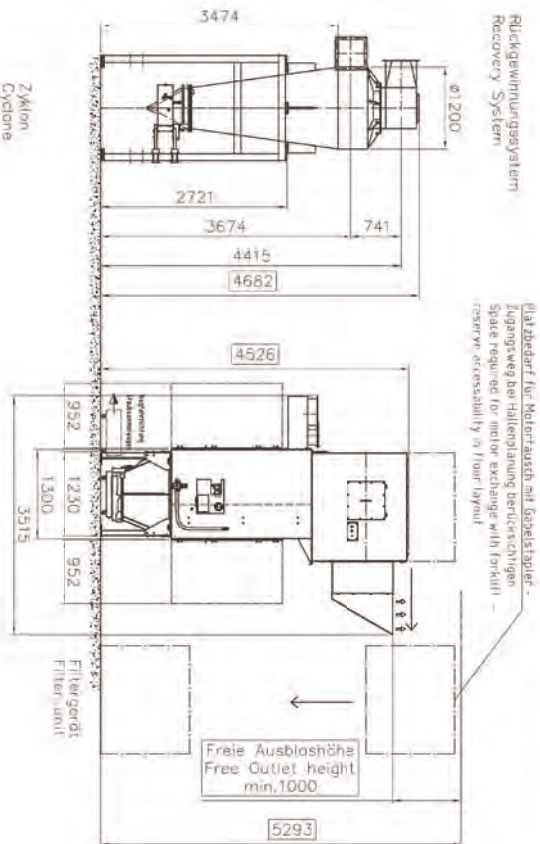
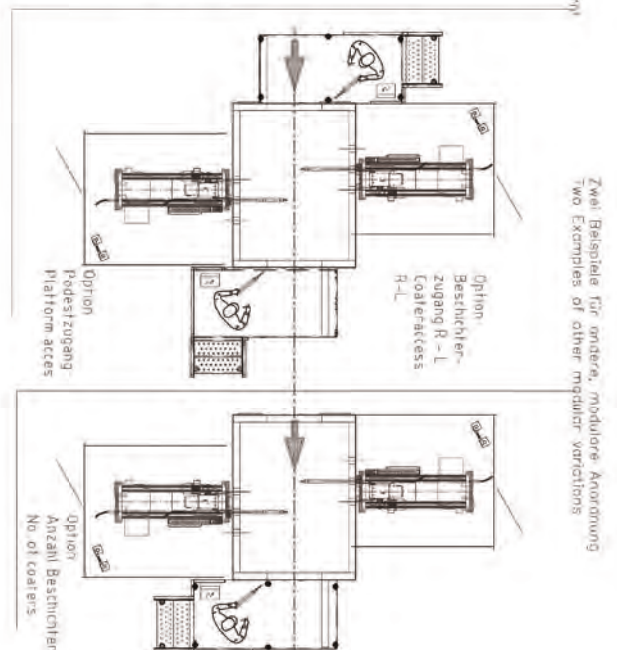
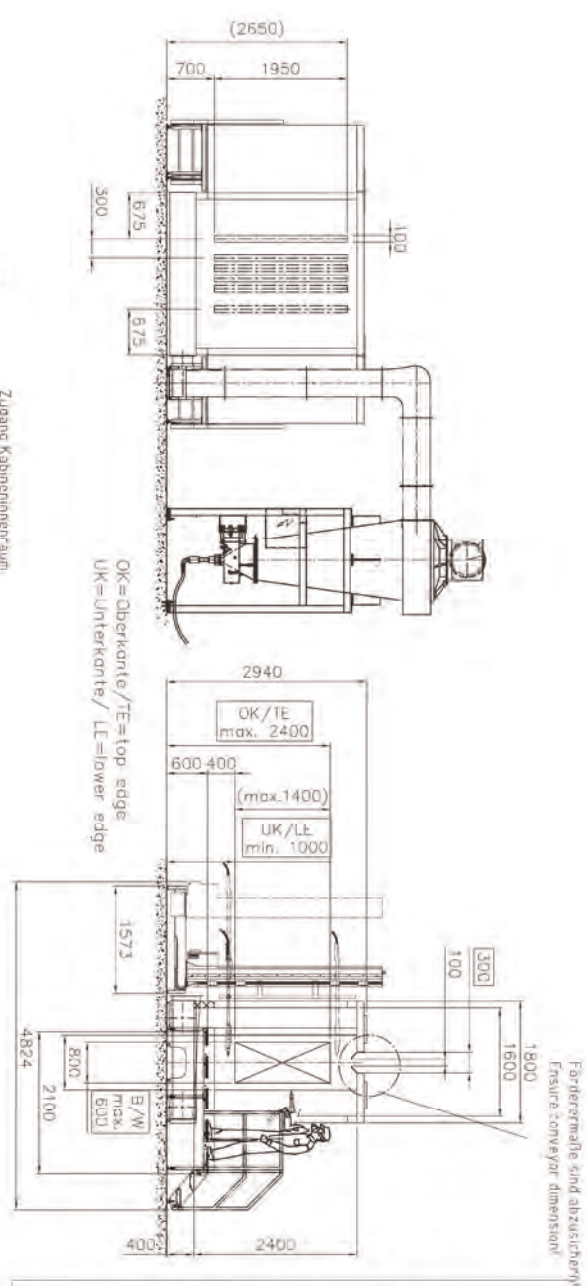
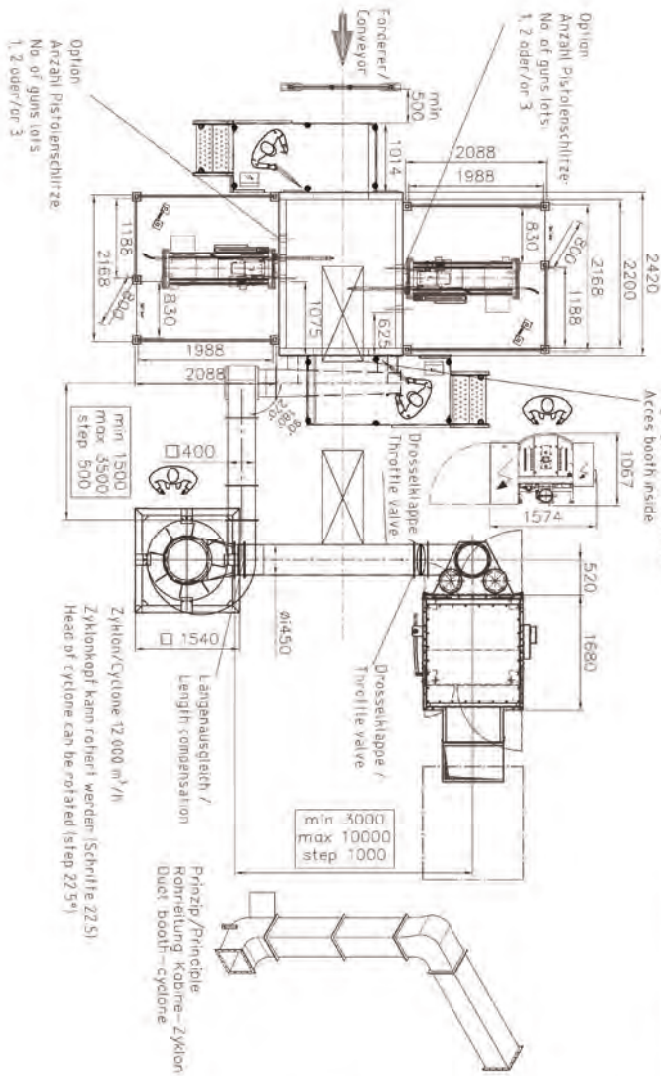
Organic powder coatings

Scope of delivery

Preconfigured PVC plastic booth (see standard layout)
 Pre and/or post coating platform
 Monocyclone, afterfilter and piping according to EEP concept
 Afterfilter control
 Peristaltic feeding system
 PXE powder center all-in-one control
 EPG S2 gun control modules
 PEM-X1 manual set
 Movement technology: Lifting device, sliding table or roller set
 Powder and air hoses
 Assembly material

Order information

An E-Line configuration can be carried out on request.

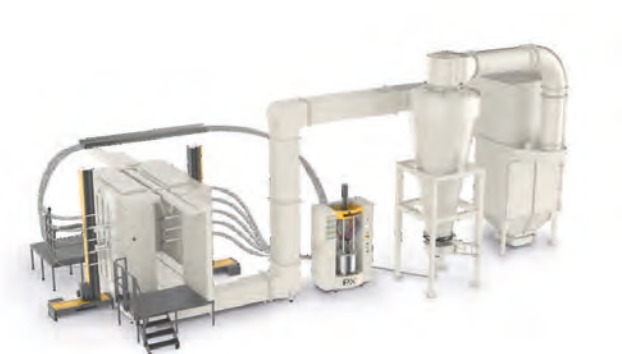




E-Line system 17000

Complete system

The E-Line application solution includes all components necessary for automatic coating. This coating system offers the entry into automatic powder coating and enables fast color changes, excellent coating quality and high process reliability.



Technical data

Air inlet diameter	25.4 mm
Air inlet pressure range	6 bar - 8 bar
Three-phase-current connection	220–240 / 380–420 V, 50Hz
Motor rated power	20 kW
Suction power	17,000 Nm³/h

Product variants

Configurable product. Please contact your local sales partner.

Processable materials

Organic powder coatings

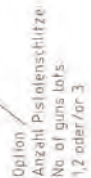
Scope of delivery

Preconfigured PVC plastic booth (see standard layout)
 Pre and/or post coating platform
 Monocyclone, afterfilter and piping according to EEP concept
 Afterfilter control
 Peristaltic feeding system
 PXE powder center all-in-one control
 EPG S2 gun control modules
 PEM-X1 manual set
 Movement technology: Lifting device, sliding table or roller set
 Powder and air hoses
 Assembly material

Order information

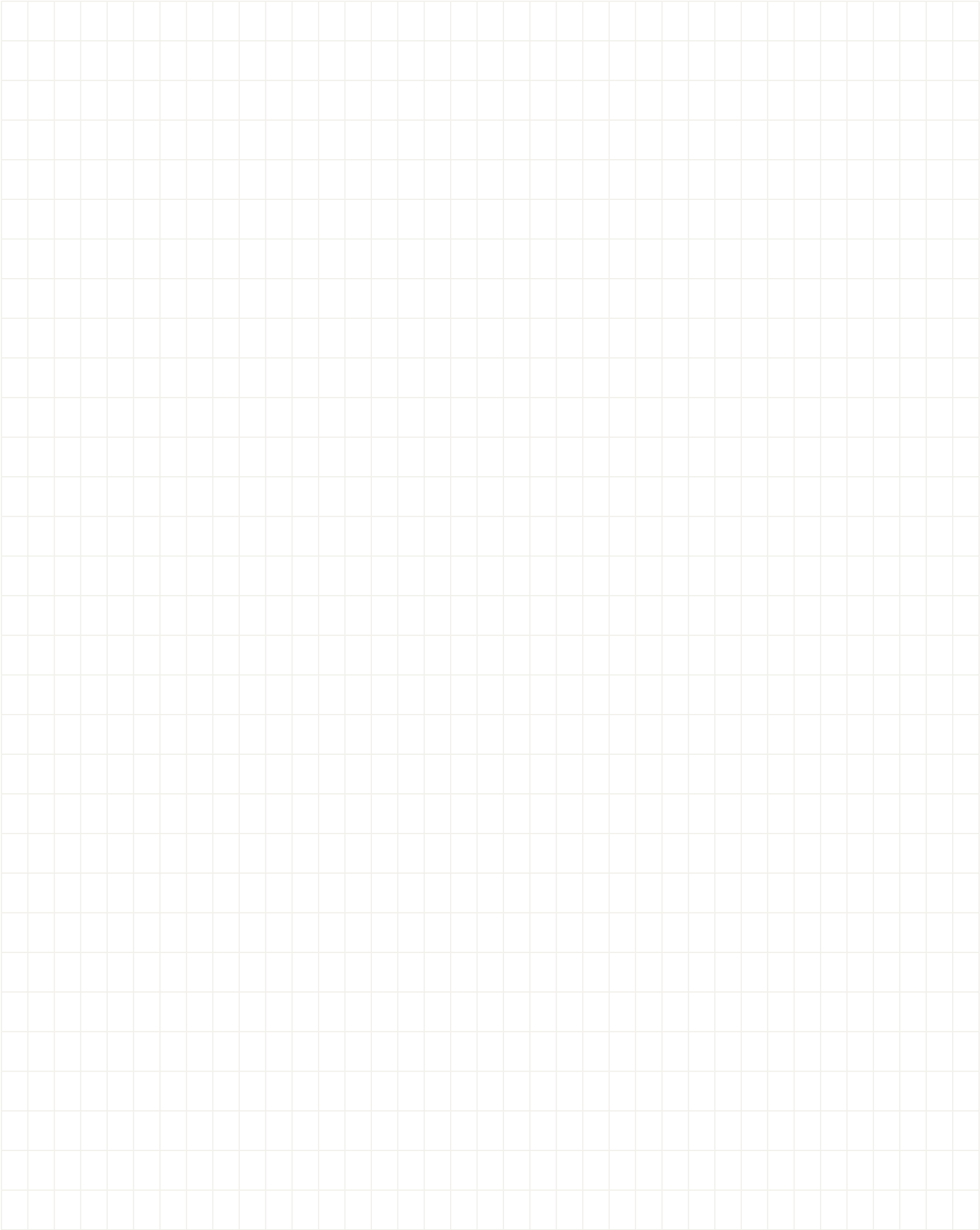
An E-Line configuration can be carried out on request.

Foreremaße ist abzuschern
Einsure convexor dimension

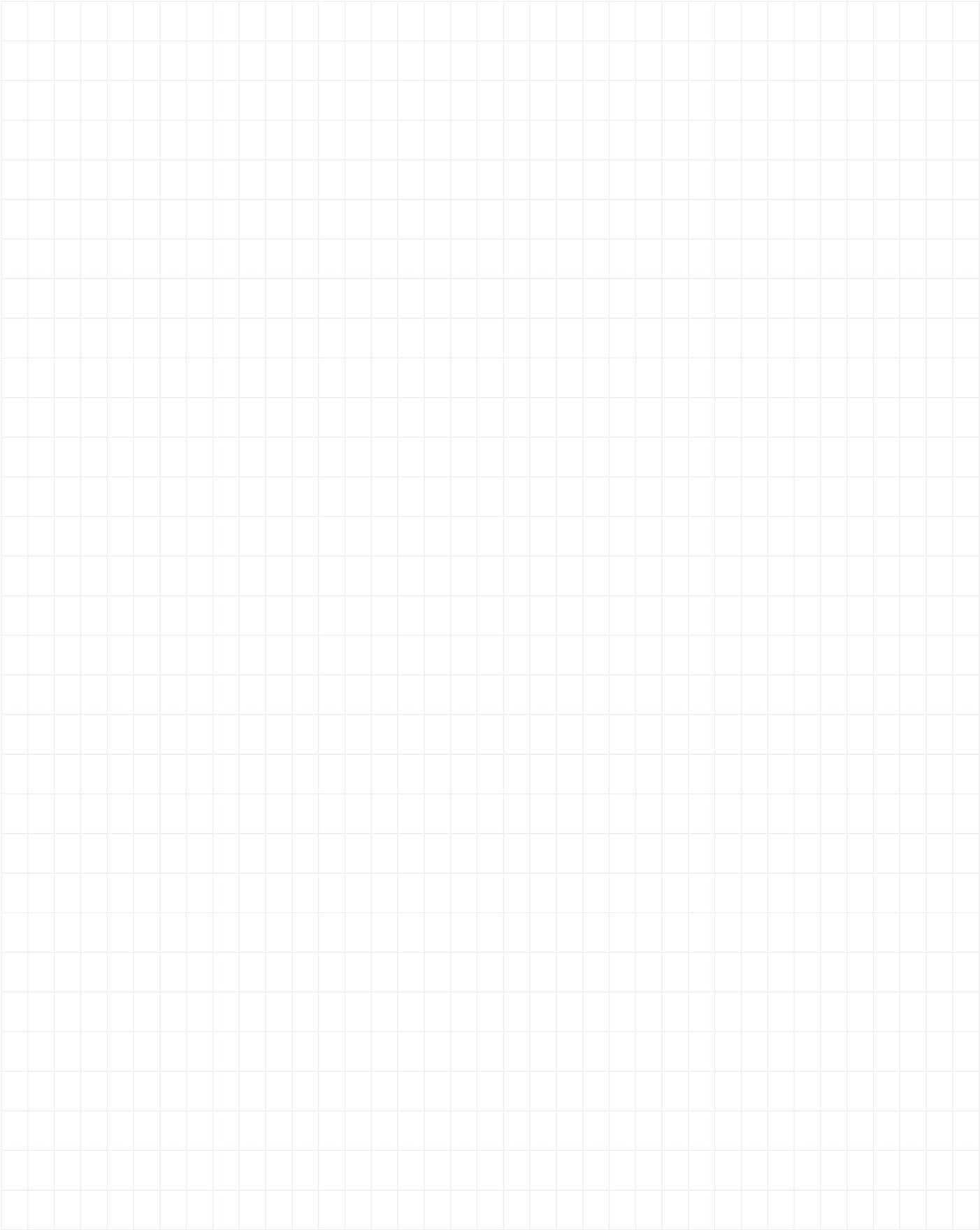














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