



# Excellence for industrial coating.

## Experience

### Strong brands – strong performance

Whether for the wood industries, in the areas of infrastructure, agriculture and construction machinery, transport, automotive or domestic appliances: The WAGNER Group, with its WAGNER, Walther Pilot, Reinhardt-Technik and C.A. Technologies brands, provides perfectly aligned products and solutions for optimizing your entire coating, bonding, sealing and encapsulation processes. We offer a complete range of technologies to fit the material you use – liquid and powder coatings, adhesives or other fluid media. Our solutions, including tailor-made interface management, thus become a valuable link within your production processes.

The WAGNER Group operates globally with approximately 1,600 employees, 15 operative companies and about 300 international WAGNER sales branches. We have seven technology centers for research and development worldwide: In workshops equipped with the latest technology customers may apply coating to their product under real-life production conditions and determine the most cost-effective system configuration.

We ensure the high quality of all WAGNER products with a quality assurance system covering all business processes: design and development, production, process technology, marketing, sales and service.

## The big WAGNER Powder application 2018 / 2019

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**WAGNER** GROUP

Legend



Powder application

# Experience **fascinating surfaces**



Products from **WAGNER Industrial Solutions** stand for maximum reliability, quality for your specific requirements.



Furniture, cabinets, domestic appliances, agricultural machinery, fences, heaters, bicycles, and rims – virtually everything is coated these days. The reason is obvious: among others, the surface determines the function, durability, and the attractiveness of an object.

Join us in the world of perfect surfaces. Our know-how makes WAGNER one of the world's leading manufacturers of devices and system for surface coating. Be inspired and rest assured that you will find the best solution for you here.

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The logo features a black triangle above the word "WAGNER" in a bold, black, sans-serif font, all contained within a yellow rectangular background.

# We accept **challenges.**

**WAGNER Industrial Solutions** offers devices, equipment, and systems for all industrial surface coating applications. Our innovative products and solutions stand out due to their quality, efficiency and productivity.

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





### **WAGNER Development center**

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

### **WAGNER Technology center**

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

### **WAGNER Service**

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

### **WAGNER Distribution support**

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

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

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



# Discover what is **New at WAGNER.**

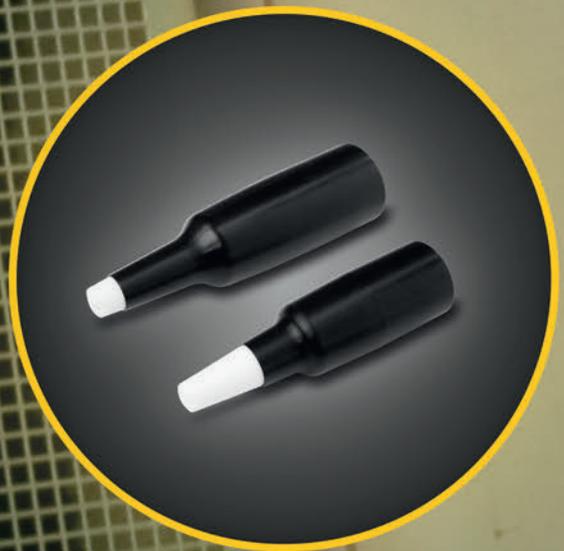
Discover the new products and innovations for 2018!

Nozzle system for effect and metallic powder

## **Metallic nozzles C4-F5 & X1-F5**

The new F5 metallic nozzles for manual & automatic powder guns enable a significant quality increase in the use of difficult effect & metallic powder coatings.

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Powder Centers

## **PXS Powder center**

The WAGNER PXS powder center is not only the central powder supply element, it is also the centerpiece of the entire coating system.

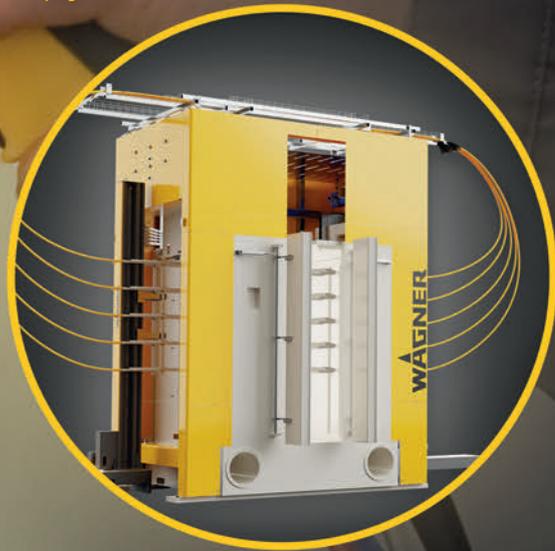
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Powder coating booth

## S-Cube CleanAssist

The WAGNER S-Cube CleanAssist, a compact powder coating booth with an automated cleaning process, guarantees continuous high-quality cleaning & coating results for increased production rates.

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Powder application control

## SprayPackE

Highest quality coating results with simplest operation at the same time. The modular design allows for quick installation and easy expansion when required.

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Complete powder system

## E-Line application solution

The WAGNER E-Line application solution offers the best quality and combines all WAGNER components in one economic powder coating system.

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# Maximum flexibility for efficient supply.

A close-up photograph of a Wagner powder center. The device is a complex, industrial-grade metal assembly with a large, hinged lid that is open, revealing a rectangular powder tray. Several red and blue hoses are connected to the side of the unit, leading to various ports and valves. The background is dark, highlighting the metallic components of the machine.

As the heart of the powder supply, the powder center ensures that the required quantity of powder is fed from the original container to each application area (e.g. guns). Regardless from which powder tank you feed the material, whether from the original container, drums, etc., our experts will assist you in selecting the right solution for your coating needs.



## Feeding/preparation



Venturi feed

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IP 5000

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PXM powder center

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PXS powder center

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Basic powder center

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# Venturi feed

WAGNER powder injectors are based on the Venturi principle for the transport of the coating powder from a container to the gun. WAGNER uses suspension feeding to ensure a constant powder output without spitter. Suspension feeding allows also a highly flexible volume adjustment, which is a basic requirement for some applications. The powder volume is set by changing the supply or dosing air. Here the relevant WAGNER control units automatically set the right ratio between supply and dosing air using the precision regulator. Thus the WAGNER injectors distinguish themselves by their easy operation and low maintenance. This ensures high process reliability for the user.

Feeding/preparation

Venturi feed

## 1. Easy operation and maintenance

The use of quick couplings and intuitive connecting elements ensures easy operation and maintenance.

## 2. High Surface quality

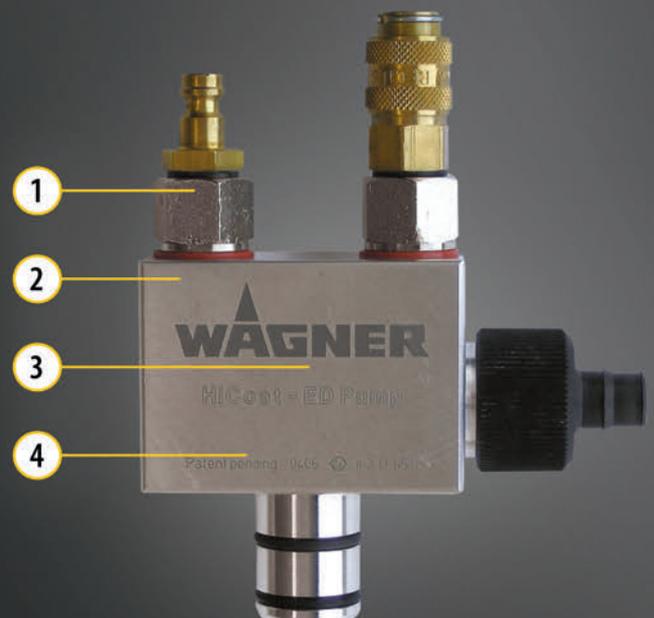
The use of conductive materials allows for the dissipation of interfering charges, which in turn ensures homogeneous surfaces.

## 3. Cost-effectiveness

The separately usable collector nozzle and its robust design ensure low wear part costs for the WAGNER Venturi feed.

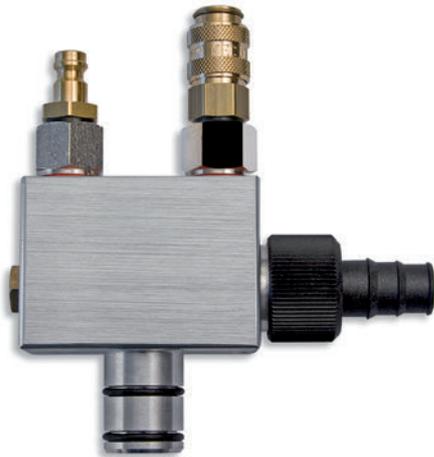
## 4. Wide range of applications

A high output ranges allows for diverse applications and such ensures high degree of flexibility.



## Standard injectors

Feed system for supplying powder to powder guns according to the Venturi principle.



### Technical data

Max. delivery head	4,0 m, 13,1 ft
Max. feed line length	15 m, 49,2 ft
Feed line, inside Ø	10 – 12 mm, 0.4 – 0.5 in.

### Special advantages

- High output range  
Wide range of applications
- Easy to operate and maintain  
No special training necessary
- Collector nozzle as a separate wear part  
Lower wear part costs
- Conductive hose sleeve  
Discharge of unwanted electric charge

### Processable materials

- Corona powder
- Tribo powder
- Commercially available metallic powders

### Included Items

- Powder injector

Product variants	Art. No.
Powder injektor PI-P1	241621
Powder injektor PI-F1	241622
Powder injector PI-F1-S	2345418

## HiCoat-ED feed system

Feed system for supplying powder to powder guns with little air according to the Venturi principle.



### Technical data

Max. delivery head	4,0 m, 13,1 ft
Max. feed line length	15 m, 49,2 ft
Width	28 mm, 1.1 in.
Height	115 mm, 4.5 in.
Depth	110 mm, 4.3 in.
Feed line, inside Ø	8 – 10 mm, 0.3 – 0.4 in.

### Special advantages

- Supplies powder using little air  
More even coating thickness
- Efficient material utilization  
Lower material consumption costs
- Better coating coverage in depressions  
Higher coating speed
- No pulsing of powder cloud  
Higher transfer efficiency

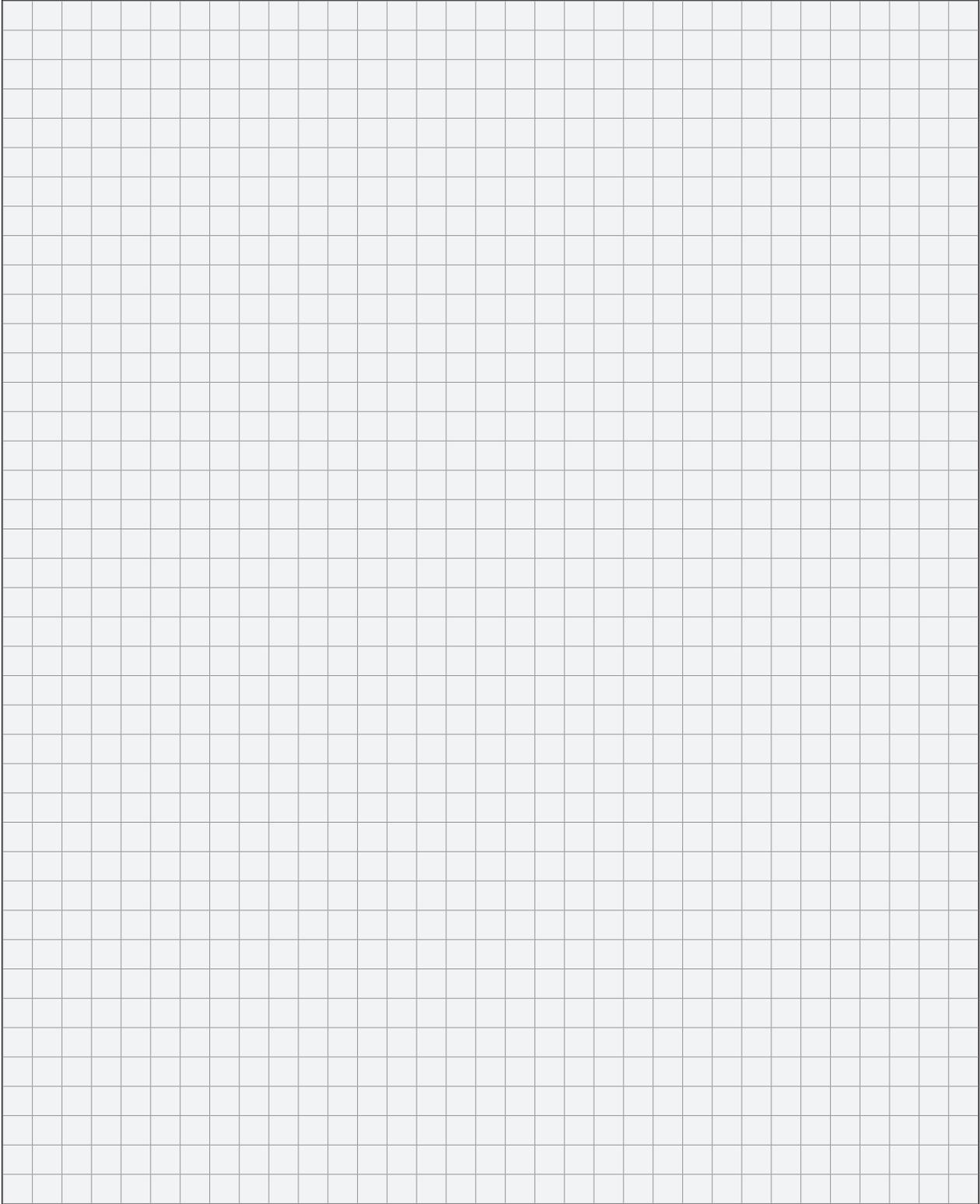
### Processable materials

- Corona powder
- Tribo powder
- Commercially available metallic powders

### Included Items

- HiCoat-ED feed system

Product variants	Art. No.
Hicoat-ed pump-p	241623
Hicoat-ed pump-f	241624



# IP 5000

The IP 5000 is a vacuum supported hose pump for intermediate dosing or feeding. It makes high feed rates with low air and long feed distances of up to 50 meters easily possible. This new pump is suitable for all types of feeding options without restrictions for container sizes.

## 1. Rapid paint changes

Easy operation, all keys have a single function. The automatic cleaning program for suction and feed direction as well as the adjustable flushing function ensure a quick paint change.

## 2. Highest efficiency

Four preset and freely programmable recipes for flat and complex parts as well as for the post-coating avoid time-consuming manual adjustments of the electrostatics. The active service interval indicator displays the remaining running time and ensures optimum maintenance processes.

## 3. Reliability

The pump allows high flow rates with low air requirements. Long feed distances of up to 50 meters are easily possible.

## 4. High performance

The basis for the constant and above all high feed performance is the combination of vacuum and dense stream feed.

## 5. Flexibility

Feeding can be directly from the carton, from 200 l drums or from the Big Bag. The IP 5000 is also suited for the emptying of final filter tank and allows for any feeding between the powder storage locations to be integrated perfectly into the production process.



# IP 5000

Feed system for the low-air feed of large quantities.



Technical data	
Valve control voltage	24 V
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Max. delivery head	5,0 m, 16,4 ft
Max. feed line length	50 m, 164,0 ft
Max. powder feed rate	5000 g/min, 11.0 lb/min

## Special advantages

- High delivery rate of up to 5 kg/min
- Low-air feed system  
Minimal dust formation
- Service interval display  
No unscheduled interruptions in production
- Automatic flushing and cleaning programs  
Safe and rapid color change

## Processable materials

- Corona powder
- Tribo powder
- Commercially available metallic powders

Product variants	Art. No.
Powder pump IP5000	241004

# Peristaltic feed system

The peristaltic feed pump (also peristaltic feeder) is used for the intermediate feeding of coating powders using little air by means of alternating pinch valves. This is a passive system that is filled from above. A typical application is feeding powder recovered from a cyclone. The peristaltic feed pump includes a control that coordinates the alternating operation of the valves and thus the blow-out cycles. This system offers robustness and paint change reliability.

## 1. High Efficiency

The design of the feeder allows for large feed capacities with low investment costs.

## 2. Reliability

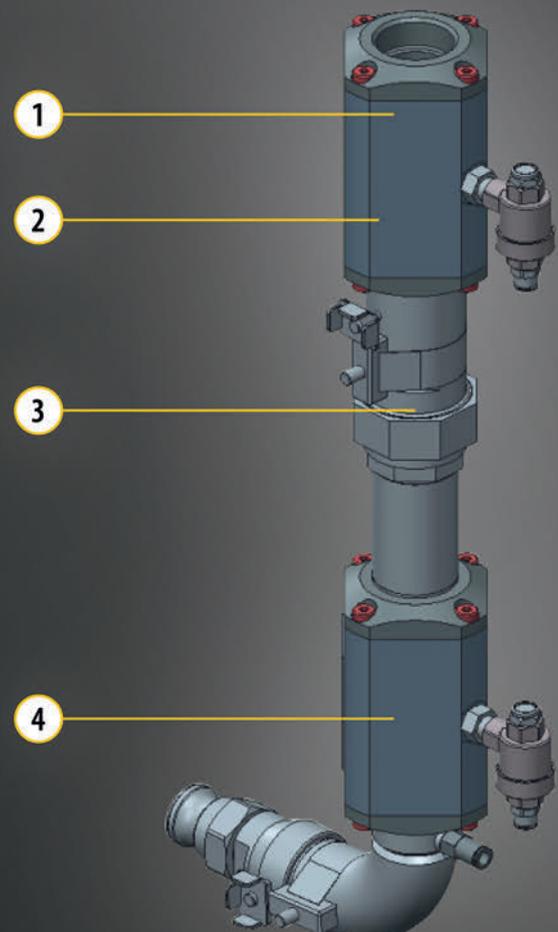
Robust technology ensures high availability and safety.

## 3. Optimal Maintenance

Low-wear feed technology ensures low maintenance.

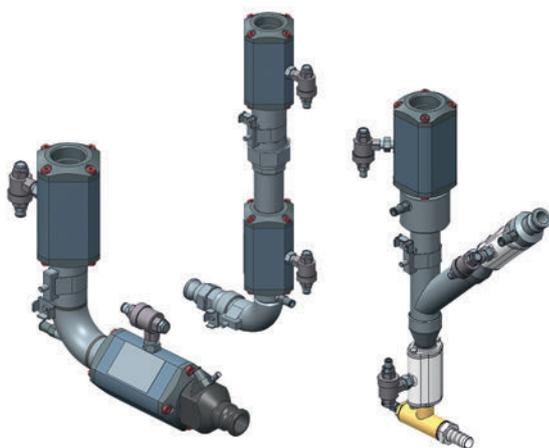
## 4. Energy Efficiency

The low-air feeding with little formation of dust reduces energy costs.



## Peristaltic conveyor system

The peristaltic conveyor system is used for the intermediate feeding of coating powders using little air by means of alternating pinch valves.



Technical data	
Input voltage	24 V
Protection class	IP 55
Air inlet pressure	0,8 – 0,6 MPa, 8,0 – 6,0 bar, 116 – 87 PSI
Max. delivery head	3,5 m, 11,5 ft
Max. feed line length	20 m, 65,6 ft
Max. powder feed rate	4500 g/min, 9.9 lb/min

### Special advantages

- Feed requires little air  
Minimal dust formation
- Large delivery capacity  
Low investment costs
- Low-wear feed technology  
Low maintenance
- Robust engineering  
High availability

Product variants	Art. No.
Peristaltic pump PP25S	2365807
Peristaltic pump PP25C	2365797
peristaltic pump PP40S	2364025
peristaltic pump PP40C	2365826
Peristaltic pump PP25Y	2364560
Peristaltic pump PP40Y	2372081

# PXE Pulverzentrum

The WAGNER PXE solution provides complete control of all the different components in one central unit: Powder center, moving devices, application, booth & filter. The WAGNER PXE powder center fulfills all requirements for the powder supply of an automatic coating system. PXE comes either as standard version or as a modular powder center version with integrated vibrating and fluidizing unit to feed directly from the powder box.

Feeding/preparation

PXE Pulverzentrum

## 1. Excellent visualization

Easy to use & perfect arrangement of all WAGNER components thanks to the integrated lightning (option).

## 2. Optimal integration

Depending on customer requirements the PXE can be connected directly to the final filter or equipped with an own filter module, without affecting the suction power of the total system.

## 3. Excellent & consistent coating results with all-in-one touch display

Easy and intuitive system control via 7" touch display. Clever and user-friendly structure of the user interface to manage the application, moving devices and the rest of the system. Thanks to the integrated recipe control, reproducible coating results are easy to achieve.

## 4. Increased productivity

Powder supply of up to 22 guns from WAGNER fluidized hopper or up to 20 guns directly from the box. The integrated fluidization and vibration leads to an optimal powder preparation.

## 5. Low investment costs

The PXE contains an integrated cabinet for a complete coating solution with all electrical components included.

## 6. Small footprint

The most compact powder center on the market with integrated rack for 11 EPG-S2-modules. Fits into almost any installation with a footprint of only 1.24 m<sup>2</sup>.



# PXE powder center

The PXE powder center offers an ideal start into automatic powder coating. Depending on customer requirements, the PXE can be ordered in two basic versions. In the standard version up to 22 injectors can be fed with powder from the container. The maximum version offers the possibility to work with 20 injectors directly from the powder box.



Technical data	
Min. compressed air hose cross section	25,40 mm, 1 in.
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Air consumption	25 Nm <sup>3</sup> /h
Width	1530 mm, 60.2 in.
Height	2130 mm, 83.9 in.
Depth	900 mm, 35.4 in. / 1400mm, 55,12 in.

## Special advantages

- Intuitive handling  
The 7" all-in-one color touch display allows the whole system to be operated from one central control unit.
- Flexible powder feeding  
Powder supply directly from the powder box or WAGNER fluidized hopper, depending on customer requirements.
- Increased productivity  
Powder supply of up to 22 guns from WAGNER fluidized hopper or up to 20 guns directly from the box.

## Ordering information

### PXE Standard-Version

- Feeding out from fluidized hopper only
- No vibrating table
- No suction tube scrubbers
- No integrated light in PXE

### PXE Maximum Version

- Feeding out from fluidized hopper or carton box directly
- Fluidizing unit and suction tube scrubbers included
- Vibrating table included
- integrated light inside PXE

- Retrofit solution - The PXE can be equipped with an own filter module to be easily integrated into existing systems
- PXE can be configured on demand\*

Product variants*	Art. No.
PXE Standard Version 13.000	2372631
PXE Standard Version 17.000	2372634
PXE Maximum Version 13.000	2372635
PXE Maximum Version 17.000	2372636

## PrimaCenter standalone

Feeding/preparation

PXE Pulverzentrum

The PrimaCenter standalone can accommodate up to 12 powder injectors. It is designed for the powder feed into the paint change system and permits a simple paint change through partially automated cleaning procedures.



### Special advantages

- Robust, compact design  
Space-saving construction
- Delivery from the fluid container  
High-quality coating results
- No power connection required
- Few control elements  
Easy to operate

### Included Items

- PrimaCenter case with attached controller.
- Pneumatic reciprocator with injector socket
- 12 suction systems; suction systems that are not required can be removed and used as spare parts.
- Spring-loaded weighing system for use as level sensor.
- Pneumatic slide for opening/closing the exhaust air connection.
- Without powder tank (3918797)

### Technical data

Min. compressed air hose cross section	25,40 mm, 1 in.
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Air consumption	25 Nm <sup>3</sup> /h
Width	800 mm, 31.5 in.
Height	2216 mm, 87.2 in.
Depth	800 mm, 31.5 in.

### Ordering information

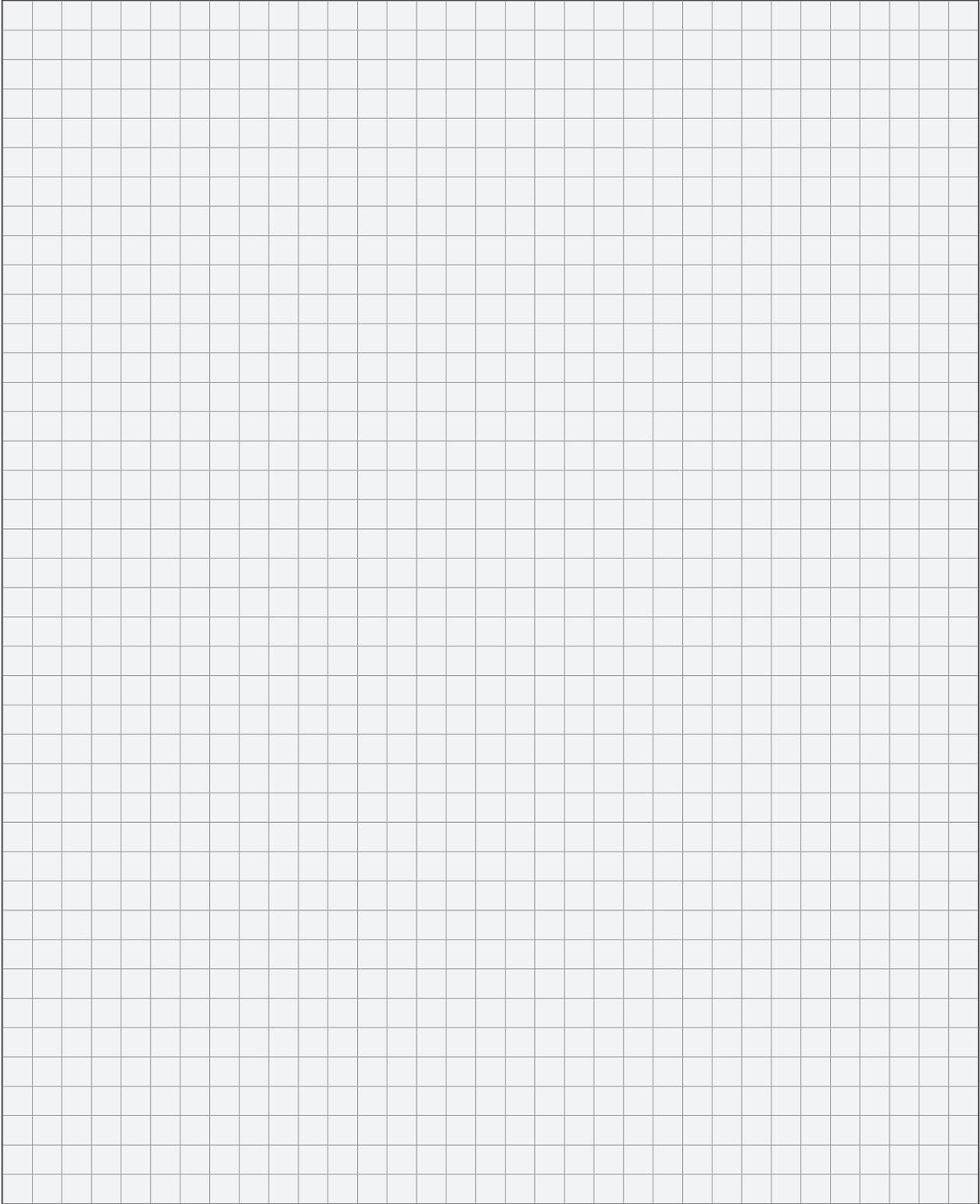
- Order powder container separately (3918797).
- Use for connection to a secondary filter spiral hose (2312336).

### Product variants

PrimaCenter standalone

### Art. No.

2311500



# PXM powder center

The PXM powder center can be configured individually to customer requirements. Basic version up to 20/22 injectors, special version up to 34 injectors. Add-on modules such as filter extraction, EPG rack, box feeding, fresh powder supply, and ultrasonic screen broaden the range of uses.

Feeding/preparation

PXM powder center

## 1. High overall feed performance

The PXM powder center enables a supply from the box with up to 20 powder injectors and from the fluid tank with up to 34 injectors.

## 2. User-friendliness

Touch-screen user interface for an easy and self-explanatory operation of all functions.

## 3. Flexibility

Separate vibration tables for circulation supply and fresh powder supply.

## 4. Rapid paint change

Integrated automatic impulse flushing modules ensure a quick paint change and thus low downtimes.

## 5. High performance

A constant infeed depth of the suction pipes allows for a constant powder output.



# PXM powder center

The PXM powder center can be individually configured. A large field of application is possible thanks to feeding from box or fluid tank with up to 34 injectors, and add-on modules such as filter extraction, EPG rack, fresh powder supply, and ultrasonic screen.



Technical data	
Min. compressed air hose cross section	25,40 mm, 1 in.
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Air consumption	25 Nm <sup>3</sup> /h

Feeding/preparation

PXM powder center

### Special advantages

- 1. Different equipment packages available  
Individual configuration based on specific customer requirements
- Special components for the paint change  
Rapid paint change
- 7" touch screen with graphics  
Easy and quick to operate

### Ordering information

- Choose out of various basic versions.
- Select required extension modules within the configuration:
  - Injector set
  - Vibration table, box feeding.
  - Fresh powder supply unit.
  - Ultrasonic sieving device.
- Order only possible with configuration of a new PXM.

Product variants	Art. No.
PXM 20/22 IF Standalone w/o sieve	2350977
PXM 20/22 FF Standalone w/o sieve	2350980
PXM 34 IF Standalone w/o sieve	2359437

## PXM injector set PI-F1

The injector set contains the powder injectors and connection parts. One set is needed for each gun. PI-F1 and HiCoat-ED could be combined.



### Special advantages

- Various combinations possible
- Optimized application

### Ordering information

- Set includes injector and connection components.
- Order only possible with configuration of a new PXM.

Product variants	Art. No.
Injector set 1x PI-F1	2350981
Injector set 1x HiCoat-ED F	2350982

## EPG S2 set

The EPG S2 set is needed to control the guns in combination with a master controller. One set is needed for 2 guns. It contains an EPG S2 and the connection cables needed.



### Ordering information

- Set includes EPG S2 and connecting cables.
- Order only possible with configuration of a new PXM.

Product variants	Art. No.
Set 1 x EPG S2	2350983

## PXM rack EPG S2

Feeding/preparation

PXM powder center

The rack is needed to install the EPG S2 modules. Up to 11 EPG S2 can be installed.



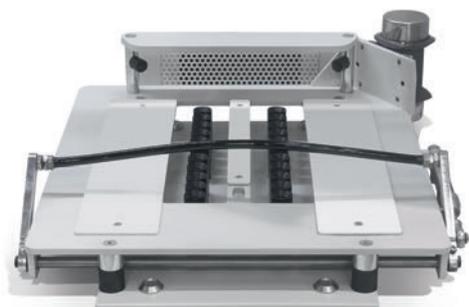
### Ordering information

- Attachment kit with rack and air manifold to install EPG S2.
- Order only possible with configuration of a new PXM.

Product variants	Art. No.
EPG Rack 1-11	2350984
EPG Rack 1-18	2359443

## Container/box vibration table

The vibration table can be used to vibrate the fluid container, but is always needed in conjunction with feeding from the box.



### Special advantages

- Vibration table with universal clamp fixture  
Suited to fluid container and box
- Integrated vibration sieve  
Enhancement of coating quality
- Color change by means of exchangeable  
containers  
Rapid color change

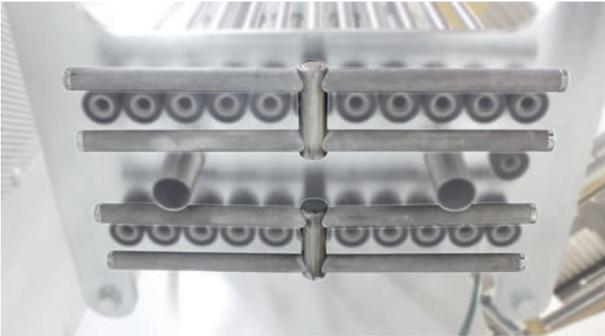
### Ordering information

- Set includes vibration table with vibration  
motor and clamping device.
- Order only possible with configuration of a  
new PXM.

Product variants	Art. No.
Vibration table bin/box PXM22	2350987
Vibration table bin PXM34	2363622

## Box fluidizing unit

The box fluidizing unit is needed to supply guns directly from the box. It takes up 2 injector spaces and therefore reduces the number of injectors to 20.



### Ordering information

- Uses 2 pick-up tube places, so max. 20 injectors can be used.
- Set includes fluid tube devices and connection components.
- Not available for PXM 34.
- Order only possible with configuration of a new PXM.

Product variants	Art. No.
Box fluid unity	2350988

## Fresh powder supply box

The box fresh powder supply module allows fresh powder to be automatically supplied directly from the box with level control. The set includes vibration table, suction lance, IP5000, and cleaning fixture.



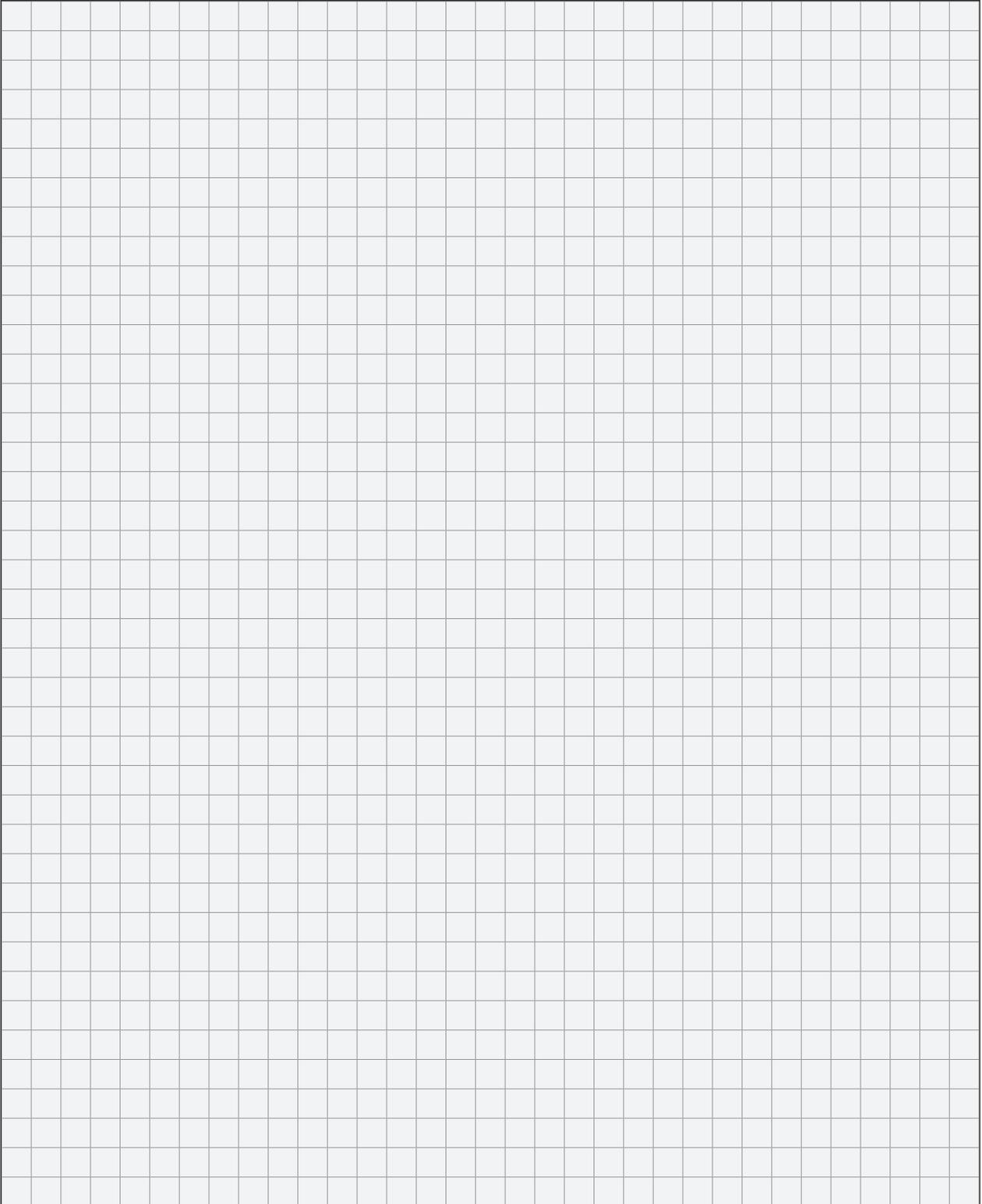
### Special advantages

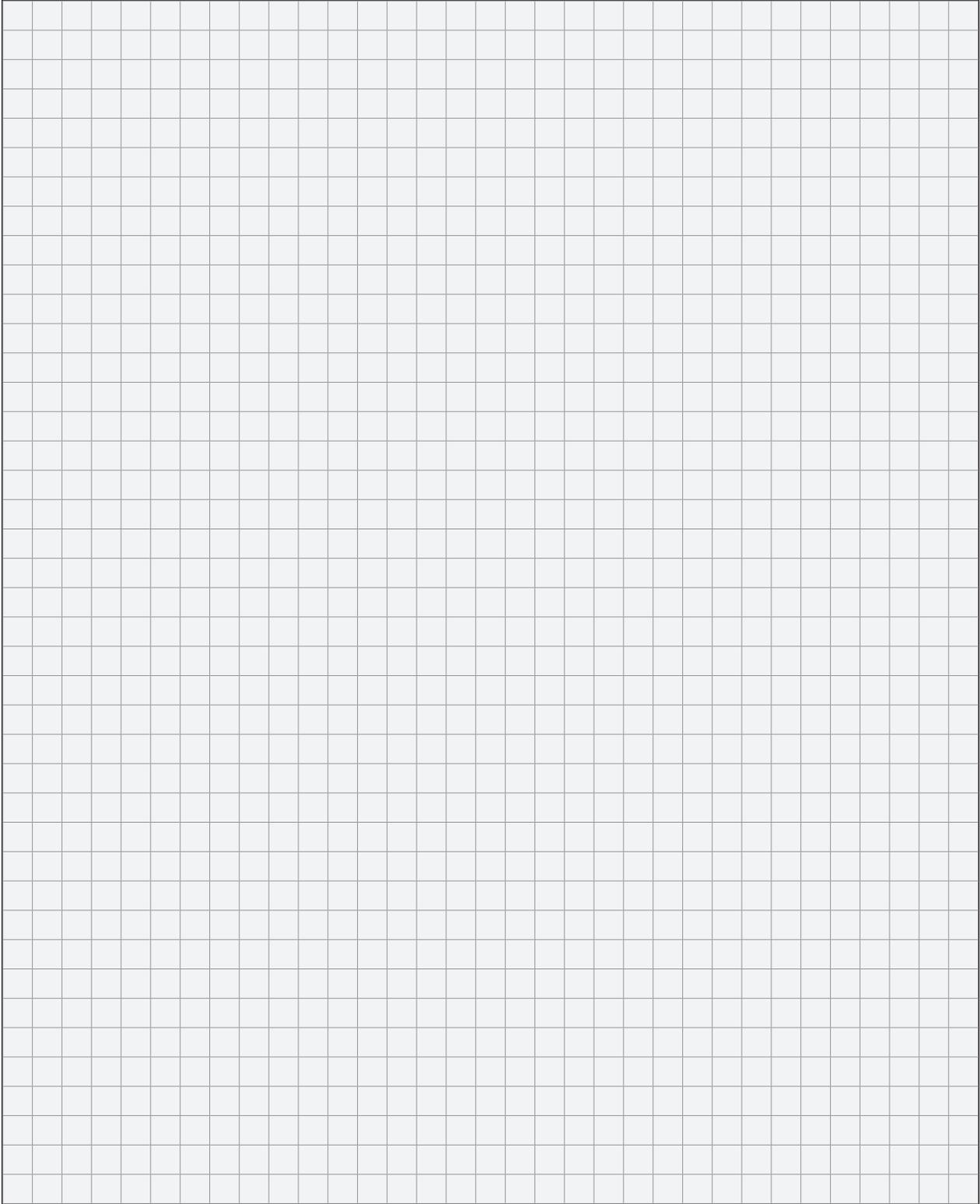
- No manual refill.  
Production safety.

### Ordering information

- Set consists of IP5000, vibrating table, suction system and connection parts.
- Only to be ordered with the configuration of a new PXM.
- For conversions please use the retrofit set.

Product variants	Art. No.
Fresh powder feed	2350990
Retrofit Fresh Powder PXM	2371869





# PXS Powder center

The WAGNER PXS powder centers are the benchmark for top coating quality due to efficient components and control as well as high performance of the individual components and integration in the overall system. The PXS comes as either a stand-alone system for retrofits or as an integral system including the complete control and operating unit.

Feeding/preparation

PXS Powder center

## 1. High precision feeding & reproducibility

Precise EPG S2 control units with AFC (Air Flow Control) closed loop technology.

## 2. Efficient color changes

Automatic optimization function that sets new standards in color changing and increases your efficiency - for less powder usage

## 3. Excellent & consistent coating results with all-in-one touch display

Easy and intuitive system control via touch display. Clever and user-friendly structure of the user interface to manage the application, moving devices and the rest of the system. Thanks to the integrated recipe control, reproducible coating results are easy to achieve.

## 4. Flexible range of use

Modular design ensures a solution perfectly tailored to customer's requirements for single color and multicolor systems

## 5. Easy integration

Small footprint thanks to space-saving assembly with compact and modular design, fits into every installation



## PXS powder center

The PXS is a powder supply system for single- and multicolor systems. It has an all-in-one touch screen control system for operation from a single location. Due to its modular design, it can be individually engineered to meet customer requirements. The PXS fulfils the requirement for a safe and fast color change for coating results in the highest quality.



### Special advantages

- User-friendly operation - complete plant control system is integrated in the switch cabinet.
- Automatic optimization function that sets new standards in color changing and increases your efficiency - for less powder usage.
- Small footprint thanks to space-saving assembly with compact and modular design, fits into every installation.
- Modular design ensures a solution perfectly tailored to customer's requirements for single color and multicolor systems.

### Ordering information

- PXS powder centers are planned individually in the Wagner engineering departments.

# Basic powder center

The basis powder center is primarily designed for the powder feeding in single-paint systems. It is available as a modular system with various stages of expansion. The basic configuration consists of a fluid tank with suction pipes as required for the number of guns to be supplied. Depending on the particular task, the system can be extended by adding the level sensor, vibration table and sieve equipment modules.

## 1. Excellent surface quality

The optional use of ultrasound or rotary sieves allows for an improved powder quality.

## 2. High feed capacity

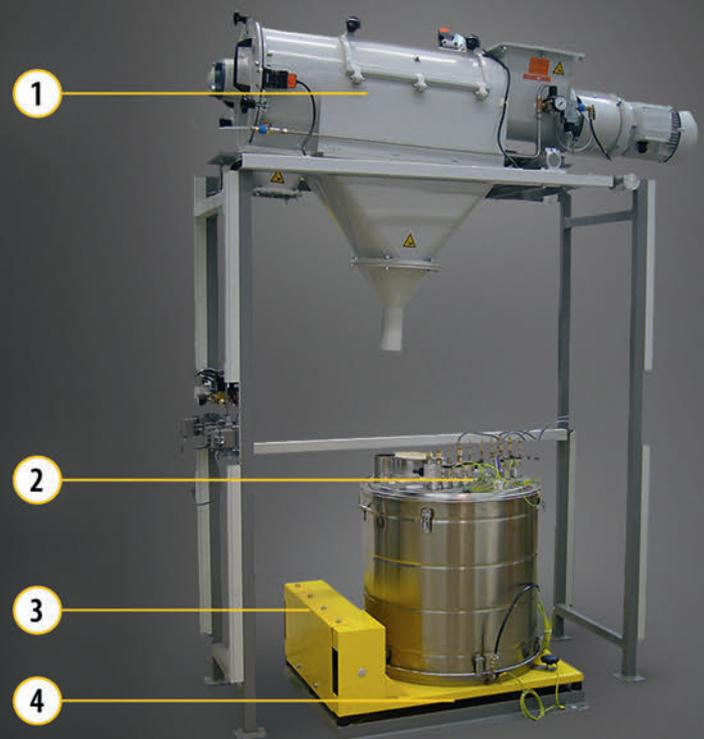
The basis powder center ensure optimum supply of up to 12 powder injectors.

## 3. High performance

The fluidization of the complete tank content ensures an even powder feed.

## 4. Optimum coating quality

Optimal powder preparation using an optional vibration table ensures premium coating quality



## Basic powder center

The powder center is available as a modular system with various stages of expansion. The basic configuration consists of a fluid tank with corresponding suction pipes. It can be individually expanded with other components.



### Special advantages

- Powder container with up to 12 powder injectors  
Large delivery capacity
- Fluidized container  
Even powder delivery
- Optional vibration table  
Optimal powder preparation for premium coating quality
- Optional sieving equipment (ultrasonic or rotary sieve)  
Maximization of surface quality

### Processable materials

- Corona powder
- Tribo powder
- Commercially available metallic powders

### Included Items

- Depending on the required functions:
- Fluidized container
- Pick-up tubes
- Level sensors min. and max.
- Vibration table
- Rotary sieve unit or ultrasonic sieve unit
- Fresh powder supply unit

### Ordering information

- Basic powder centers will be individually designed to fulfil specific customer demands.
- The WAGNER engineering department will make an offer on request within a very short period of time.

## Feeding/preparing accessories

WAGNER offers a comprehensive accessories range for feeding and preparing powder lacquers. Please select the components you require from this table.

● Compatible with one another

PI-F1	HiCoat-EDF	IP 5000	PP25/40	PP25Y/40Y	PrimaCenter Integral	PXE powder center	PXM powder center	PXS powder center	Basic powder center	Ultrasound sieve unit SuperCenter	PXM ultrasonic screening unit
-------	------------	---------	---------	-----------	----------------------	-------------------	-------------------	-------------------	---------------------	-----------------------------------	-------------------------------

Container												
Powder Container PrimaCenter						●						3918797
Powder Container 100l cpl. PXE/PXM							●	●				3304505
Powder hopper 120L for 12 pick-up tube									●			263097
Powder hopper 120L w. cover									●			263098
Fluidbox SuperCenter with US-sieve										●		3944635
Fluidbox SuperCenter without US-sieve										●		3941206

Connector, coupling												
Union with push in nipple 6 NWS	●	●										9992200
Coupling union	●	●										9992711
Hose adapter D8/10 ET	●	●										390936
Hose Holder D10-D12 el. conductive	●		●									2305866
Hose Holder D08-D10 el. conductive		●										2305867
Hose coupling el. IC conductive (SP)			●			●	●		●			2353080
Coupling Kamlock mother part G!				●	●							3133830
Adapter d 20 male thread G1"				●	●							3146950
Flange set PP25				●	●							2366526
Socket										●		2357248
Socket reduction d8-9										●		2369981

Air hose												
Hose PEN 8/5,5 rot	●	●										9982063
Hose PU 8/5,5 mm blue	●	●										9982062
Spiral hose PVC grey d150						●						2312326
Spiral hose PVC transparent d=280							●	●				2342476
Fitting PXM NW=280								●				2370266
Spiral hose PVC transparent d=200									●			2366547

Powder hose												
Powder hose D10	●	●										2310699
Powder hose D11	●											2307502
Powder hose D12	●		●									2310700
Powder hose D9		●										351794
Powder hose D8		●										351798
Powder hose D14 (sieving machine)			●									2312126
Spiral coiled tube DN20				●	●							3147211
Hose set RG PXS DN14 20m					●							2365857
Hose set RG PXS DN20 20m					●							2365828

## Feeding/preparing accessories

WAGNER offers a comprehensive accessories range for feeding and preparing powder lacquers. Please select the components you require from this table.

● Compatible with one another

PI-F1	HiCoat-ED F	IP 5000	PP25/40	PP25V/40Y	PrimaCenter Integral	PXE powder center	PXM powder center	PXS powder center	Basic powder center	Ultrasound sieve unit SuperCenter	PXM ultrasonic screening unit
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Measurement tools												
Check bolt collector nozzle	●	●										241929
Fixture												
Mountingset ip5000			●									241550
Park station			●									241565
Pump frame IP5000			●									3313075
Hose clamp			●									3304988
Hose-holder			●									9987135
Tubeclamp					●			●				2312576
Support for level probe									●			3305912
Pick-up system												
Suction unit IP 5000 assy.			●									265110
Suction lance SN600/14			●									2301550
Suction unit sn1500/14			●									2301548
Injector socket set 4x									●			263630
Injector socket set-4x 80mm									●			2315713
Injector socket set-1									●			263629
Suction tube 120									●			263631
Blow-out system												
Cleaningbox			●									241570
Blind injector									●			701452
Assembly												
Thread adapter			●									2301253
Power cable												
Cable 12 pin			●									9956263
Sonsor												
Ex-level probe assy.									●			3304059
Ex-level probe assy.									●			3304058
Sieveframe												
Sieveframe 200µm (ET)								●				2366027
Sieveframe 160µm (ET)								●				2366028
Sieveframe 36 200µm ET								●				2370393
Sieveframe 36 160µm ET								●				2370423
Sieveframe 200µm assy.								●				2360890
Sieveframe 160µm assy.								●				2360892

## Feeding/preparing accessories

WAGNER offers a comprehensive accessories range for feeding and preparing powder lacquers. Please select the components you require from this table.

● Compatible with one another

PI-F1	HiCoat-ED F	IP 5000	PP25/40	PP25Y/40Y	PrimaCenter Integral	PXE powder center	PXM powder center	PXS powder center	Basic powder center	Ultrasound sieve unit SuperCenter	PXM ultrasonic screening unit
-------	-------------	---------	---------	-----------	----------------------	-------------------	-------------------	-------------------	---------------------	-----------------------------------	-------------------------------

Sieveframe												
Sieveframe 36 200µm assy.									●			2370377
Sieveframe 36 160µm assy.									●			2370378
Sieveframe 350/160 premounted										●		2338451
Sieveframe 400 micron										●		2339366
Sieveframe 350/200 premounted										●		2338450
Sieveframe 350/200 plug in											●	2353877
US-Sieve extension set plug in 350/160											●	2358243

Other accessories												
Reduction sleeve d10	●	●				●	●	●		●		241580
Flat seal	●	●				●	●	●		●		241581
Venturi nozzle	●											241225
Injektor nozzle sd	●											241923
Venturi nozzle HICOAT-ED		●										241229
Service kit IP5000 Pump hose			●									2312057
Service kit IP5000 Valve hose			●									2312058
Inlet valve hose adapter			●									2301442
Hose flange outlet valve			●									241486
Back-pressure valve				●	●							3136837
Control box peri 1-fol L				●	●							3145300
Plug-flow pump Setting instructions				●	●							3145303
Plug-flow pump Pneu. schematic diagram				●	●							3145298
Circuit diagram				●	●							3145305
Quick bleed valve assy. SEU-1/4				●	●							3102576
PVC cover for tank 120 l no filter							●	●				2350986
PVC cover for box no filter							●	●				2350989
Cabinet for peristaltic pump							●	●				2341584
PVC cover for tank 120 l no filter 1xkp							●	●				2359829
Tubeclamp 212							●	●				2364039
Venturi nozzle PXS									●			2357262
Venturi nozzle PXS HiCoat									●			2368035
Injector nozzle PXS ET									●		●	2366797
Injector nozzle PXS HiCoat ET									●			2368888
Spare part set crimp hose									●			2366011
Spare part set gaskets									●			2366012
Extension set injector PXS HiCoat									●			2368933
Back wall cpl.									●			2369298
Trolley for container 120l										●		263638
Generator DGS35-50-S-A											●	2334267

PI-F1
HiCoat-ED F
IP 5000
PP25/40
PP25Y/40Y
PrimaCenter Integral
PXE powder center
PXM powder center
PXS powder center
Basic powder center
Ultrasound sieve unit SuperCenter
PXM ultrasonic screening unit

Other accessories											
Converter C35-S w/o bolt										● ●	2334269
HF cable for C35-SD-8										● ●	2334271
Titanium threaded bolts M8 / M10										● ●	2335520
Holder for feed hopper										● ●	2332165

The logo consists of a black triangle pointing upwards, positioned above the word "WAGNER" in a bold, black, sans-serif font. The entire logo is set against a bright yellow rectangular background.

**WAGNER**

# Perfect handling for optimal surfaces.

A close-up photograph showing a hand holding a yellow and black Wagner spray gun. The gun is directed towards a yellow metal frame structure. A fine mist of paint is being applied to the frame. The background is a white perforated metal screen.

WAGNER application units are in use around the world and enable optimal coating results for all surface types. The new gun generation achieves greater efficiency and perfection, both in manual and in automatic coating applications. The WAGNER manual units are the result of continuous development efforts for greater performance. Thanks to their user-friendly design, the devices are easy and faster to work with.



## Applying



Manual application systems

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# Manual application systems

Manual guns set new standards and trends for all kind of surfaces in modern powder coating. With the new gun generation maximum efficiency and perfection may be achieved - the product philosophy creates a completely balanced refinement and offers the longest service life plus optimum handling.

## 1. Highest Flexibility

The great accessories selection (nozzles, extensions, hoses, etc.) allows for a diverse range of applications.

## 2. Highest Efficiency

WAGNER Air Flow Control (AFC) ensures optimum powder control and efficient coating processes.

## 3. Design and User Friendliness

The optimal arrangement of the user elements as well as the functional and elegant design allow for intuitive gun handling.

## 4. Perfect Handling

WAGNER manual guns are balanced to the final gram and ensures flexible and fatigue-free operation.



## PEM-X1 Corona manual gun

The PEM-X 1 combines balance, maximum service life and optimal handling. Perfectly balanced ergonomics ensure flexible and fatigue-free operation. WAGNER combines first-class design and functionality to achieve a perfect surface.



Technical data	
Max. input voltage	22 Vpp
Output voltage	100,0 kV
Polarity	Negative
Protection class	IP 64
Air inlet pressure	0,3 MPa, 3,0 bar, 44 PSI
Max. powder output	450 g/min
Operating temperature	5 – 45 °C, 41.0 – 113.0 °F
Weight	0,5 kg, 1.1 lb

### Special advantages

- Very light gun (490g)  
Despite its light weight, the gun is impressive due to its robust design and ergonomic working without tiring
- Homogeneous and stable powder cloud  
Even layer thickness distribution
- Optimally balanced  
Perfect grip in every situation due to a gun that is balanced down to the last gram
- Quick-release coupling for the powder hose  
makes the paint change easier und quicker

### Processable materials

- Polyester powder coatings
- Hybrid powder coatings
- Metallic powder coatings
- Acrylic powder coatings
- UDS powder coatings
- Effect powder coatings

### Included Items

- Circular sprayer or flat sprayer nozzle system
- Connection cable 6m
- Sprayer air hose
- Wedge changing tool
- Printed BAL

Product variants	Art. No.
Manual Spray Gun PEM-X1	2322587
Manual Spray Gun PEM-X1 R	2335844

## Cup-gun PEM-X1 CG

The simple handling and perfect ergonomics of WAGNER cup guns make them ideal for lab and development purposes or for powder coating individual items and very small quantities.



### Technical data

Max. input voltage	22 Vpp
Output voltage	100,0 kV
Polarity	Negative
Protection class	IP 64
Air inlet pressure	0,3 MPa, 3,0 bar, 44 PSI
Max. powder output	200 g/min
Operating temperature	5 – 45 °C, 41.0 – 113.0 °F
Weight	0,6 kg, 1.2 lb

### Special advantages

- Simple plug-in principle for the cup  
Short and safe paint change times of approximately 15 seconds.
- Funnel beaker with special geometry  
The different slope angles ensure constant flow even with difficult powder types
- Integrated Venturi feeding principle  
Very fine and constantly homogeneous dosage dispensing of the powder quantity
- The coating parameters are set via the control module  
All coating-relevant parameters are saved and accessed via the fully electronic control module

### Processable materials

- Polyester powder coatings
- Hybrid powder coatings
- Metallic powder coatings
- Acrylic powder coatings
- UDS powder coatings
- Effect powder coatings

### Included Items

- Gun cable 4m
- Wedge tool
- Funnel beaker with cover

### Product variants

Airmatic cup-gun PEM-X1 CG

### Art. No.

2322588

## Tribo manual guns

Tribo manual guns are designed for processing Tribo powders. They offer an excellent loading system, great ergonomics and are very light.



### Technical data

Polarity	Positive
Protection class	IP 54

### Special advantages

- Very lightweight gun  
Fatigue-free working over long periods
- Charging body can be dismantled  
Low wear part costs because high wear zones can be replaced separately
- Round spray nozzle and fan spray nozzle included  
Greater flexibility to master any coating task
- Easy-to-replace wear parts  
Low maintenance

### Processable materials

- Tribo powder

### Controller

- Individual control unit

Product variants	Art. No.
Manual gun PEM-T3	351019
Cup-gun Tribo PEM-TG3	351036

# Manual application systems

The new SPRINT manual system combines a functional and elegant design with comprehensive functionality. All parameters are divided into four functional sections and are entered at the EPG-Sprint XE control unit using a central dynamic control dial. Its unique cascade characteristic curve settings together with its Tribo compatibility offer maximum flexibility for each and every powder. In combination with the new manual gun PEM-X1 this manual system delivers excellent coating results.

## 1. Intuitive User Guidance

The optimal arrangement of the operating elements and functions as well as the unique adjustment of recipes allow for intuitive device handling. Advanced user functions allow you to store up to 50 coating recipes and to adjust many other parameters individually.

## 2. Rapid Paint Changes

A pre-programmed key, the suction lance positioning as well as the quick connector for the powder hose ensure a quick and safe paint change.

## 3. Modern Design

The new SPRINT manual system convinces with its easy and modern design. It provides the perfect solution for optimum manual coating, thanks to its robust and reliable quality.

## 4. Highest Flexibility

The carton device can be transformed into a tank version in a few simple steps. With various powder hoses and different injectors the SPRINT manual system can easily be adapted to your requirements.



## Manual system Sprint Airfluid XE

Using the Sprint Airfluid XE allows you to work directly out of the carton. Ideal for small batches and frequent paint changes. All parameters are set and saved via the EPG-Sprint XE. In combination with the PEM-X 1, perfect surfaces are achieved.



Technical data	
Input voltage	85 – 250 V
Input power	40 W
Input frequency	50 – 60 Hz
Protection class	IP 64
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Air inlet connection	G 1/4" i
Exhaust air flow	0,05 – 20,0 Nm <sup>3</sup> /h
Operating temperature	5 – 45 °C, 41.0 – 113.0 °F
Weight	38,0 kg, 83.8 lb

### Special advantages

- Corona manual gun with an air-flushed high-performance cascade  
Constant and reliable coating performance
- Control unit with a regulated air volume cycle.  
A constant compressed air quantity despite fluctuations in the mains
- Fully electronic control unit for reproducible results  
Saving and accessing up to 50 coating programs
- Diagonal position of the powder container  
Powder carton is almost completely emptied

### Processable materials

- Polyester powder coatings
- Epoxy powder coatings
- Metallic powder coatings
- Acrylic powder coatings
- UDS powder coatings
- Effect powder coatings

### Included Items

- Corona manual gun PEM-X1
- Control device EPG-Sprint XE
- Injector PI-F1
- Suction lance with fluid cap
- Device cart with vibrating table
- Powder hose 5m (Ø 11mm)
- Mains cable 3m
- Grounding cable 10m
- Connection hose

Product variants	Art. No.
Manual Unit SPRINT Airfluid XE	2355400
Manual Unit SPRINT Airfluid XE Japan	2355800
Manual Unit SPRINT Airfluid XE USA	2355402

## Manual system Sprint 60 I XE

The Sprint 60L XE is used to fluidize the powder in a 60 liter stainless steel tank. All coating parameters are set and saved using the control unit EPG-Sprint XE. In combination with the PEM-X 1, perfect surfaces are achieved.



### Technical data

Input voltage	85 – 250 V
Input power	40 W
Input frequency	50 – 60 Hz
Protection class	IP 64
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Air inlet connection	G 1/4" i
Exhaust air flow	0,05 – 20,0 Nm <sup>3</sup> /h
Operating temperature	5 – 45 °C, 41.0 – 113.0 °F
Weight	38,0 kg, 83.8 lb

### Special advantages

- Corona manual gun with an air-flushed high-performance cascade  
Constant and reliable coating performance
- Fully fluidized stainless steel container  
Optimal powder preparation for high quality requirements
- Clear and user-friendly operating interface  
For quickly and easily adjusting the coating parameters
- Up to 50 coating recipes can be saved  
Ideal for many color and object changes

### Processable materials

- Polyester powder coatings
- Epoxy powder coatings
- Metallic powder coatings
- Acrylic powder coatings
- UDS powder coatings
- Effect powder coatings

### Included Items

- Corona manual gun PEM-X1
- Control device EPG-Sprint XE
- Injector PI-F1
- Device cart (optional with a vibrating table)
- Powder hose 5m (Ø 11mm)
- Mains cable 3m
- Grounding cable 10m
- Connection hose
- Different stainless steel containers (sold separately)

### Product variants

Product variants	Art. No.
Manual Unit SPRINT 60L XE	2355403
Manual Unit SPRINT 60L XE USA	2355404

# Manual system Sprint Airfluid Tribolance



## Special advantages

- Ergonomic Design  
Fatigue proof coating over long time
- 3D 150° flexible nozzle  
Perfect nozzle orientation against the workpiece lead to high transfer efficiency
- Fixed shaft 1m or telescopic shaft up to 2,8 m  
Flexible usage for many kind of workpiece geometries
- Coat to coat  
High film thicknesses without intermediate curing

## Included Items

- Tribolance
- Corona manual gun PEM-X1 with Powder hose 5m (Ø 11mm) (for C+TL variants)
- Control device EPG-Sprint XE
- Injector PI-F1
- Device cart (optional with a vibrating table)
- Mains cable 3m
- Grounding cable 10m
- Connection hose
- Order powder hose for Tribolance separately (See accessories hose sets TL1)

Technical data	
Input voltage	85 – 250 V
Input power	40 W
Input frequency	50 – 60 Hz
Polarity	positiv
Protection class	IP 64
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Air inlet connection	G 1/4" i
Max. powder feed rate	250 g/min, 0.6 lb/min
Exhaust air flow	0,05 – 4,0 Nm <sup>3</sup> /h
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F

When coating large workpieces, automatic coating equipment very quickly leads to a high investment, where the ROI for the customer is questionable. By providing a suitable manual equipment, manual coating can be an efficient alternative or in a combination. Main industry segment is Transportation and Infrastructure, however the product is suitable for all kind of coating large workpieces. Coating with Tribo charging technology compared to Corona is an application, that may fit better for such kind of workpieces that have many welding seams, corners and hollow areas. A further benefit of Tribo application in the assumed application is to reach very high film thicknesses in the range 300 µm. A much higher application efficiency is given. The Wagner Tribolance PEM-TL1 is a perfect solution. In the version with telescopic shaft, the operator will stay safe on the ground floor but has a wide reach to access to the coating areas.

Product variants	Art.-No.
Sprint Airfluid TL1-1000	2368852
Sprint Airfluid TL1-1800	2368853
Sprint Airfluid TL1-2800	2368854
Sprint Airfluid C+TL1-1000	2368855
Sprint Airfluid C+TL1-1800	2368856
Sprint Airfluid C+TL1-2800	2368857

## Mobile coating system Corona + Tribo

The WAGNER Sprint X CT 3L comes with two handy cases that complement each other. The ideal mobile kit for two-coat applications!



### Technical data

Input voltage	85 – 250 V
Valve control voltage	24 V
Input power	25 W
Input frequency	47 – 440 Hz
Polarity	negative + positive
Protection class	IP 64
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Air inlet connection	8mm
Max. powder output	450 g/min
Operating temperature	5 – 45 °C, 41.0 – 113.0 °F
Weight	24,0 kg, 52.9 lb

### Special advantages

- Compact, mobile, and always ready to use  
A compact and very organized set, ideal for mobile use.
- Perfectly balanced guns  
A secure grip on the guns that is easy on the joints in every situation
- Fully electronic control module  
Store and query complete coating recipes

### Processable materials

- Polyester powder lacquer
- Hybrid powder lacquer
- Metallic powder lacquer
- Acrylic powder lacquer
- UDS powder lacquer
- Effect powder lacquer
- Tribo powder lacquer

### Included Items

- PEM-X1 manual gun
- PEM-T3 manual gun
- Flat jet nozzle system
- Round jet nozzle system
- 4 m gun cable
- Mains cable
- 4 m air hose package
- EPG-Sprint X control unit
- Non-return valves
- Wedge tool
- Vibration table
- 3 L tank
- HiCoat ED injector
- Switch box, Corona/Tribo
- Filter module
- User manual (printed)
- Assembly manual (printed)

### Product variants

Sprint X CT - 3L

### Art. No.

2355477

## Cup gun case set

This set is a ready to use coating device. With air pressure and power supply the device is ready to start powder coating. An ideal solution for small parts and mobile use with excellent coating results.



### Special advantages

- Compact, mobile, and always ready to use  
A compact and very organized case set for mobile use.
- Perfectly balanced gun  
A secure grip on the gun that is easy on the joints in every situation
- Fully electronic control module  
Store and query complete coating recipes
- Special funnel beaker  
Thanks to various inclination angles virtually any powder type flows out until completely used up.

### Processable materials

- Polyester powder coatings
- Hybrid powder coatings
- Metallic powder coatings
- Acrylic powder coatings
- UDS powder coatings
- Effect powder coatings

### Technical data

Input voltage	85 – 250 V
Valve control voltage	24 V
Input power	25 W
Input frequency	47 – 440 Hz
Polarity	negative
Protection class	IP 64
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Air inlet connection	8 mm
Max. powder output	200 g/min
Operating temperature	5 – 45 °C, 41.0 – 113.0 °F
Weight	10,0 kg, 22.1 lb

### Included Items

- Cup gun PEM-X1 CG
- Flat spray nozzle system
- Circular spray nozzle system
- Gun cable, 4m
- Mains cable
- Air hose package, 4m
- Control device EPG-Sprint X
- Non-return valves
- Wedge tool
- Funnel beaker with cover, 210 ccm
- Operating manuals (printed)

Product variants	Art. No.
CupGun Set PEM-X1 CG	2328172

## Powder set/Spraypack manual

The set consists of the central components for the installation of a powder coating system. A manual gun, a gun control unit, an injector, and a connection hose set ensure high-quality coating results.



### Technical data

Input voltage	85 – 250 V
Input power	40 W
Input frequency	47 – 440 Hz
Protection class	IP 64
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Air inlet connection	8 mm
Operating temperature	5 – 45 °C, 41.0 – 113.0 °F
Weight	8,9 kg, 19.6 lb

### Special advantages

- Corona manual gun with an air-flushed high-performance cascade  
Constant and reliable coating performance
- Ergonomic and perfectly balanced gun  
Continuous, pleasant working without tiring with a gun that only weighs 490 g
- Control unit with a regulated air volume cycle.  
A constant compressed air quantity despite fluctuations in the mains
- Fully electronic control module for repeatable results  
Saving and accessing up to 50 coating programs

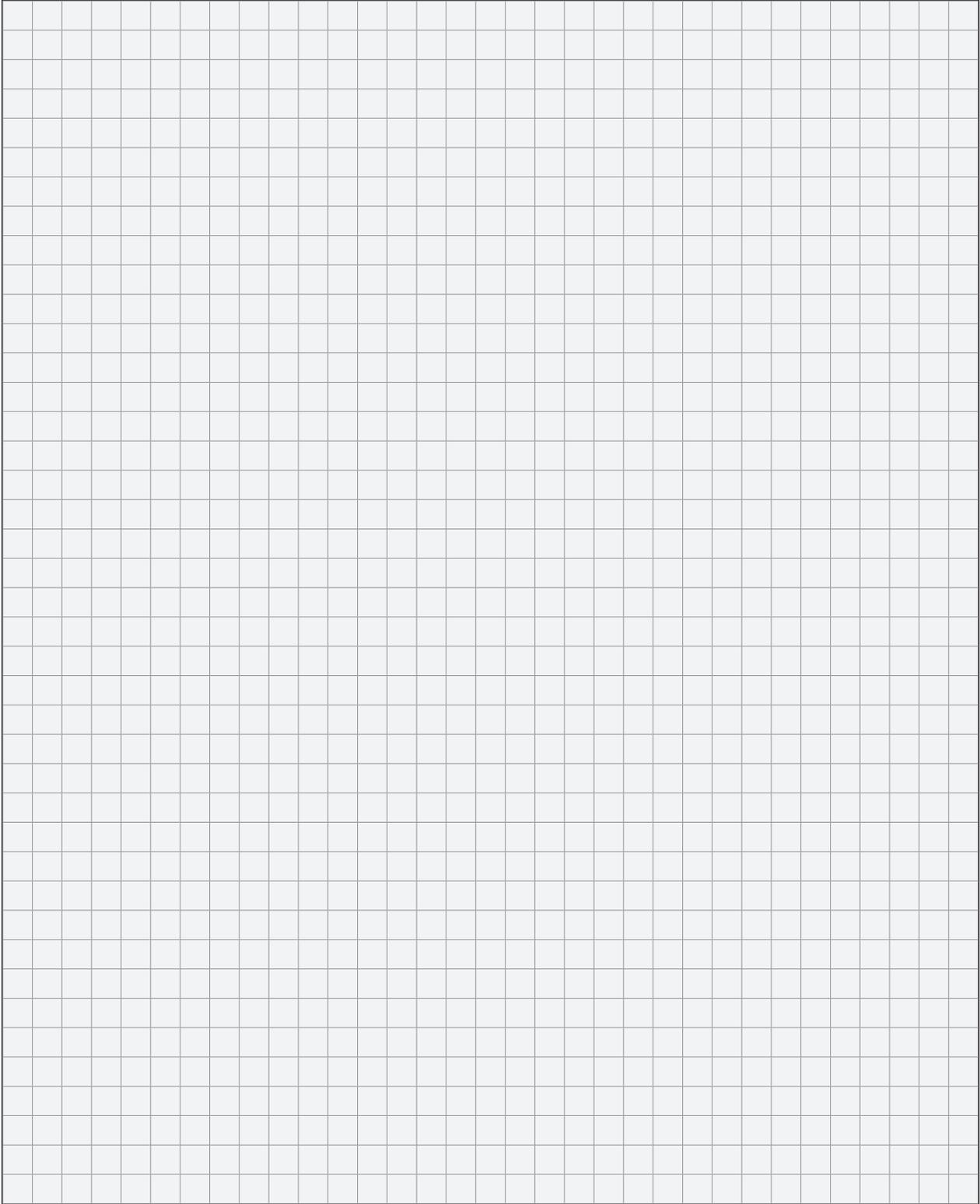
### Processable materials

- Polyester powder coatings
- Epoxy powder coatings
- Metallic powder coatings
- Acrylic powder coatings
- UDS powder coatings
- Effect powder coatings

### Included Items

- PEM-X1 Corona manual gun
- Flat or round jet nozzle package
- Control unit EPG Sprint X
- Power cable 3m
- Injector PI-F1
- Connection hoses
- Powder hose (Ø 11mm)
- Ground cable 10 m
- Recipe sticker
- The gun and the control unit's printed OM

Product variants	Art. No.
PrimaSprint manual set F incl. console	2313689
PrimaSprint manual set incl. console	2313687
Powderset PEM X1 F	2331090
Powder Set PEM-X1 R	2355153
Powderset PEM X1	2344899



# Automatic application systems

Two types of WAGNER HiCoat automatic guns are available. The compact variant is designed for universal application. The XL variant was conceived specifically for paint change systems and is characterized by its streamlined design. Both guns are constructed for high coating output, high efficiency and a long service life. The high-performance HiCoat charging and atomization system can achieve perfect work piece surfaces combined with optimal material utilization.

## 1. Flexible Applications

The use of various nozzles allows for diverse applications of the automatic guns.

## 2. Quick Nozzle Change

The Quick Lock ensures a secure hold of the gun and allows a quick nozzle change.

## 3. Maximum Application Efficiency

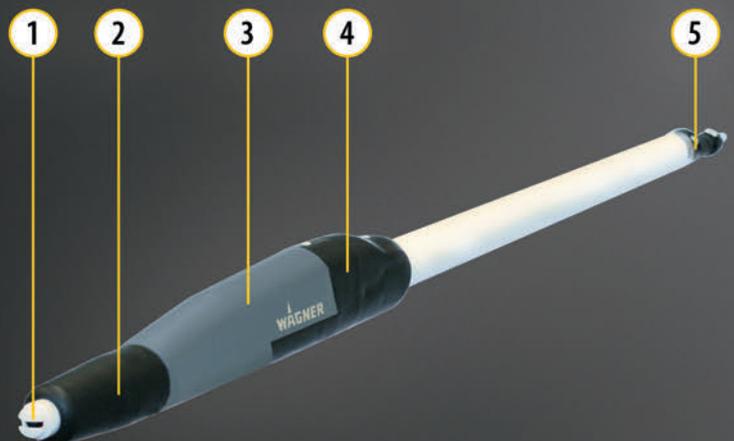
The use of the high-performance cascade offers maximum transfer efficiency and reduced powder consumption.

## 4. Optimum Geometry

The streamlined geometry ensures efficient automatic blowing-off during the automated paint change.

## 5. User Friendliness

The use of quick couplings ensures an easy hose change.



# Corona automatic guns

Corona automatic guns for automatic powder coating.



Technical data	
Max. input voltage	22 Vpp
Output voltage	100,0 kV
Polarity	Negative
Protection class	IP 54

### Special advantages

- Classification according to ignition energy class A  
Simple and inexpensive fire protection concept is adequate

### Processable materials

- Corona powder
- Commercially available metallic powders

### Controller

- PrimaTech-CCM
- ProfiTech
- EPG Sprint X
- EPG S2

### Included Items

- Gun
- Nozzle set
- Nozzle tool

Product variants	Art. No.
PEA-C4	390004
PEA-C4 Enamel	390011
PEA-C4 FM	390016
PEA-C4XL 0.85	390005
PEA-C4XL 1.1	390006
PEA-C4XL 1.4	390007
PEA-C4XL 1.8	390008
PEA-C4XL 0.85 FM	390017
PEA-C4XL 1.1 FM	390018
PEA-C4XL 1.4 FM	390019
PEA-C4XL 1.8 FM	390020
PEA-C4 Twin	390010
PEA C4 XL-S	2344249

## Tribo automatic guns

Tribo automatic guns for automatic powder coating.



### Technical data

Polarity	Positive
Protection class	IP 54

### Special advantages

- Processes conventional powder types and metallic powders (if suitable for Tribo)  
Wide range of applications
- Charging body with multiple swirl stars  
Optimization of frictional charge over a broad range
- Tribo air for adjusting the charge  
Individual tuning of each gun to the particular application and powder

### Processable materials

- Tribo powder

### Controller

- Individual control unit
- Control cabinet module

### Included Items

- Gun body assy.
- Nozzle system not included

Product variants	Art. No.
PEA-T3	351018
PEA-T3XL 1.4	351029
PEA-T3XL 1.1	351030

## Powder set/Spraypack automatic

Powder sets consist of the core components of application equipment, namely a control unit, guns, feed system and connection components.



Product variants	Art. No.
Powderset Sprint Corona Automatic	2305139
Powderset Sprint Tribo Automatic	2305140
Powderset Sprint Corona automatic 20m	2327782
Powderset Sprint X C4XL 1.4 20m	2360239

## High-voltage tester

High-voltage tester for measuring high voltage, for example of a gun.

### Technical data

Protection class	IP 54
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### Product variants

Product variants	Art. No.
H.V. tester HV200 N	259010

## Application accessories

WAGNER offers a comprehensive accessories range for the application of powder lacquers. Please select the components you require from this table.

● Compatible with one another

	Corona manual gun PEM-X1	Cup-gun PEM-X1 CG	PEM-T3 Tribo hand gun	Manual system Sprint Airfluid XE	Manual system Sprint 60 I XE	Handanlage Sprint Airfluid Tribolance	Cup gun case set	PEA-C4	PEA-C4XL	PEA-C4 Twin	PEA-T3	PEA-T3 XL	Powder set/Spraypack manual	Powder set/spray pack automatic C	Powder set/spray pack automatic T	
<b>Container</b>																
Powder Cup X1 210 ccm		●			●											2324139
5 Powder Cups X1 210 ccm		●			●											2324140
Powder container 25 L incl. PI-F1				●	●											265034
Powder container 60 L incl. PI-F1				●	●											265036
Powder Container 60 L without Injektor				●	●											264268
Powderbox 3L assy.				●	●								●			2304157
Container 25 L without Injektor				●	●											264224
<b>Connector, coupling</b>																
Hose Connector Assy D8-D10	●												●			2322768
Hose Connector Assy D10-D12	●												●			2322761
Hose adapter D8/10 ET								●	●		●					390936
Double connection								●	●		●					3137409
House Coupling XL2								●	●		●	●		●	●	390954
Hose nozzle D10-D12								●	●		●	●		●	●	390955
Hose nozzle d08-D10								●	●		●	●		●	●	390956
Hose holder D10-D12 Rotatable								●	●		●	●		●	●	390965
Adapter Nipple D10-12								●	●		●	●		●	●	362316
Union nut M 18x1.5								●	●		●	●		●	●	362317
Connecting part el. conductive								●	●		●	●		●	●	2305865
Hose Holder D10-D12 el. conductive								●	●		●	●		●	●	2305866
Hose Holder D08-D10 el. conductive								●	●		●	●		●	●	2305867
<b>Air hose</b>																
Hose PEN 6/4 black								●	●		●	●		●	●	9982079
Tube								●	●		●	●		●	●	9982078
<b>Powder hose</b>																
Powder hose D10	●			●	●		●	●	●	●	●	●	●	●	●	2310699
Powder hose D11	●			●	●	●	●	●	●	●	●	●	●	●	●	2307502
Powder hose D12	●			●	●	●	●	●	●	●	●	●	●	●	●	2310700
Powder hose D8	●							●	●	●						351798
Powder hose D9				●	●		●	●	●	●	●	●	●	●	●	351794
Hose Set TL1-8m						●										2369617
Hose Set TL1-12m						●										2369618
Hose Set TL1-16m						●										2369619
<b>Measurement tools</b>																
Powder Measuring Bag (spare part)								●	●	●				●		390940

## Application accessories

WAGNER offers a comprehensive accessories range for the application of powder lacquers. Please select the components you require from this table.

● Compatible with one another

Corona manual gun PEM-X1	Cup-gun PEM-X1 CG	PEM-T3 Tribo hand gun	Manual system Sprint-Airfluid XE	Manual system-Sprint 60 I XE	Handanlage Sprint Airfluid Tribolance	Cup gun case set	PEA-C4	PEA-C4XL	PEA-C4 Twin	PEA-T3	PEA-T3 XL	Powder set/Spraypack manual	Powder set/spray pack automatic C	Powder set/spray pack automatic T
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Applying Accessories															
<b>Fixture</b>															
Gun-holder for manual gun PEM-X1	●	●	●	●	●	●						●			2330599
Gun-holder for manual cabins	●	●	●	●	●	●						●			2332139
adapter plate_switchbox				●	●	●						●			2308079
Console				●	●	●						●			2331558
Wall holder ass.				●	●	●						●			2330223
Injector holder Sprint				●	●							●			2307117
Castors set				●	●	●						●			2324869
Gun Mount							●			●			●	●	351347
Gun Extension							●	●		●	●		●	●	260215
Powder Hose Parking Station							●	●		●	●		●	●	351558
Antikinking XL-gun							●	●		●	●		●	●	351922
Antikinking corresponding XL 1-fold							●	●		●	●		●	●	351923
Antikinking corresponding XL 2-fold							●	●		●	●		●	●	373219
<b>Pick-up system</b>															
Suction tube ST550/10				●	●										265281
Suction Lance SN-2 550/10 Dual				●	●										265272
<b>Assembly</b>															
Protection hose PG 21							●	●	●	●	●		●	●	9998832
<b>Power cable</b>															
Connecting cable PEA-C2/C3/C4 5m							●	●	●	●	●	●	●	●	351216
Connecting cable PEA-C2/C3/C4 10m							●	●	●	●	●	●	●	●	351217
Connecting cable PEA-C2/C3/C4 20m							●	●	●	●	●	●	●	●	351215
Connecting cable PEA-T2 5m							●	●	●	●	●	●	●	●	351297
Connecting cable PEA-C2 10m							●	●	●	●	●	●	●	●	351296
Connecting cable PEA-C2 20m							●	●	●	●	●	●	●	●	351295
<b>Filter, maintenance</b>															
Filter separator				●	●	●						●			2305860
<b>Tools</b>															
Wedge tool X1 plus 20 wedge	●	●	●	●								●			2324124
Spare parts starter package X1 R	●	●	●	●								●			2331976
Wedge tool C4 + 20 wedges							●	●	●						390900
Assembly Tool WA C4							●	●	●						390939
<b>Control</b>															
Controler EPG Sprint X	●	●	●			●	●	●	●	●	●	●	●	●	2324731
Controler EPG Sprint XE	●	●	●	●	●	●	●	●	●	●	●	●	●	●	2353221
<b>Control</b>															
Switchbox			●	●	●							●			265911
Recipe Sticker			●	●		●						●	●	●	2331223

## Application accessories

WAGNER offers a comprehensive accessories range for the application of powder lacquers. Please select the components you require from this table.

● Compatible with one another

	Corona manual gun PEM-X1	Cup-gun PEM-X1 CG	PEM-T3 Tribo hand gun	Manual system Sprint Airfluid XE	Manual system Sprint 60 I XE	Handanlage Sprint Airfluid Tribolance	Cup gun case set	PEA-C4	PEA-C4XL	PEA-C4 Twin	PEA-T3	PEA-T3 XL	Powder set/Spraypack manual	Powder set/spray pack automatic C	Powder set/spray pack automatic T	
<b>Retrofit</b>																
Dual Manual Set SPRINT	●			●	●											2331417
Retrofit-Set Tribolance TL1 - 1000				●												2370544
Retrofit-Set Tribolance TL1 - 1800				●												2370545
Retrofit-Set Tribolance TL1 - 2800				●												2370546
Dual Manual Set SPRINT (XE)					●											2371149
Retrofit-Set Sprint XE 60l 230V/50Hz					●											2373856
Retrofit-Set Sprint XE 3l 230V/50Hz				●	●											2373883
Retrofit-Set Sprint XE 60l 115V/60Hz					●											2383231
Retrofit-Set Sprint XE 3l 115V/60Hz				●	●											2383232
<b>Gun accessories</b>																
Corona Star PEM X1 assy	●	●		●	●		●						●			2322868
Wedge tool X1	●	●		●	●								●			2324205
Wedge X1	●	●		●	●								●			2320488
Protective wedge C4								●	●	●				●		390310
CoronaStar set PEM/PEA/PEA XL C4								●	●					●		390918
CoronaStar WA C4								●	●							2306335
Mini corona star ET								●	●					●		390957
<b>Retrofit sets</b>																
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
<b>Nozzle systems</b>																
Extension for PEM-X1 VL150	●	●											●			2323366
Extension for PEM-X1 VL300	●	●											●			2323356
Extension for PEM-X1 VL500	●	●											●			2323338
Electrode Holder X1 F	●	●											●			2322529
Flat Spray Nozzle X1 assy	●	●											●			2321976
Electrode Holder X1 R SP	●	●											●			2322490
Flat Spray Nozzle X1-F5 cpl.	●	●											●			2387104
Flat Spray Nozzle X1-F5-X	●	●											●			2390036
Electrode Holder X1-F5	●	●											●			2387114
Deflector cone sleeve X1	●	●											●			2320503
Deflector Cone D18 asse.	●	●											●			2321981
Deflector cone D25 asse.	●	●											●			2321980
Deflector Cone D34 assy	●	●											●			2321171

## Application accessories

WAGNER offers a comprehensive accessories range for the application of powder lacquers. Please select the components you require from this table.

● Compatible with one another

Corona manual gun PEM-X1	Cup-gun PEM-X1 CG	PEM-T3 Tribo hand gun	Manual system Sprint Airfluid XE	Manual system Sprint 60 I XE	Handanlage Sprint Airfluid Tribolance	Cup gun case set	PEA-C4	PEA-C4XL	PEA-C4 Twin	PEA-T3	PEA-T3 XL	Powder set/Spraypack manual	Powder set/spray pack automatic C	Powder set/spray pack automatic T
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Nozzle systems														
Electrode Holder X1 R + Spray Nozzle	●	●										●		2322493
Round Nozzle Package X1 Ext	●	●										●		2324148
Flat Spray Nozzle X1 Ext	●	●										●		2324147
Deflector cone D22			●							●	●			259474
Deflector cone D28			●							●	●			259475
Wide Fan Spray Nozzle			●							●	●		●	260926
Nozzle Extension 300			●											260934
Nozzle Head Round Spray TL-1 assy.					●									2370483
Adapter Round Spray assy					●									2370480
Deflector Cone D27 TL-1					●									2370482
Nozzle Head Fan Spray assy.					●									2371442
Adapter Fan Spray assy.					●									2370467
Whole swirl nozzle small					●									2370488
Fanspray Nozzle small slim stream					●									2370487
Fanspray Nozzle small slim stream					●									2370468
Flatspray Nozzle big 5 Slot assy					●									2370490
Flatspray Nozzle big 3 Slot assy					●									2370492
Electrode holder C4 F							●	●	●				●	390915
Electrode holder C4 R ET							●	●	●				●	390916
Fan Spray Nozzle F1							●	●	●				●	390324
Fan Spray Nozzle F2							●	●	●				●	390325
Fan Spray Nozzle F3							●	●	●				●	390326
Fan Spray Nozzle F4							●	●	●				●	2311889
Flatspray Nozzle C4 F5 kpl.							●	●	●				●	2387084
Flatspray Nozzle C4 F5							●	●	●				●	2387063
Electrode holder C4 F5							●	●	●				●	2387113
Flatspray Nozzle C4 F5-X							●	●	●				●	2390031
Coronastar PEA C4 F5							●	●	●				●	2389178
Nozzle HP01							●	●					●	390331
Deflector cone C4 D20							●	●	●				●	390207
Deflector cone C4 D28							●	●	●				●	390208
Deflector cone C4 D38							●	●	●				●	390209
Angled Adapter WA90 C4							●	●	●				●	390931
Angled Adapter WA60 C4							●	●	●				●	390930
Angled Adapter WA30 C4							●	●	●				●	390927
Angled nozzle 90° assy										●	●		●	260106
Tribolance 1700										●	●		●	259272

## Application accessories

WAGNER offers a comprehensive accessories range for the application of powder lacquers. Please select the components you require from this table.

● Compatible with one another

Corona manual gun PEM-X1	Cup-gun PEM-X1 CG	PEM-T3 Tribo hand gun	Manual system Sprint Airfluid XE	Manual system Sprint 60 IXE	Handanlage Sprint Airfluid Tribolance	Cup gun case set	PEA-C4	PEA-C4XL	PEA-C4 Twin	PEA-T3	PEA-T3 XL	Powder set/Spraypack manual	Powder set/spray pack automatic C	Powder set/spray pack automatic T
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Nozzle systems															
Deflector cone assy.D18 Tribo											●	●		●	260267
Deflector cone assy.D25 Tribo											●	●		●	260266
Deflector cone assy.D32 Tribo											●	●		●	260268
Split tip Tribo											●	●		●	260928
Finger nozzle 10x											●	●		●	260638
Finger nozzle 16x											●	●		●	260637
Finger Nozzle 16x crosswise											●	●		●	260642
Adapter finger nozzle 10-fach											●	●		●	260639
Adapter 16 finger nozzle											●	●		●	260648
Nozzle D10											●	●		●	260518
Nozzle D8											●	●		●	260519
Round Nozzle											●	●		●	260505
Powder shower											●	●		●	260504

Other accessories															
H.V. tester HV200 N	●	●	●	●	●		●	●	●	●			●	●	259010
Rocker Arm Valve assy						●									2369561
Tool Holder Ø30-40						●									2369926
Loading Bush TL-1 HD						●									2370486

The logo for WAGNER, featuring a stylized triangle above the word "WAGNER" in a bold, sans-serif font, all contained within a yellow rectangular background.

# Fast paint change for high efficiency.

A smaller version of the WAGNER logo is mounted on the white door of the powder coating booth. The logo consists of a triangle above the word "WAGNER" in a bold, sans-serif font, all within a yellow rectangular background.

Smaller space requirements coupled with greater performance and flexibility. These are features that distinguish WAGNER powder booth systems. Ranging from low-cost booth systems for entry-level applications and small operations to fully automatic powder coating units combined with pre- and post-coating, WAGNER has the right solution for a rapid paint change and the efficient use of powder. In combination with our recovery systems, we offer optimal energy and material efficiency to lower costs over the long term and protect the environment.

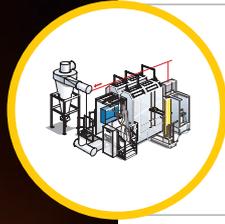


## Booths



Manual booths

66



Automatic booths

72



Accessories

79

# Manual booths

The WAGNER manual booths not only offer an introduction to powder coating, but may also be integrated into automated systems. The BASIC line offers two cost efficient booth variants that customers may upgrade according to their requirements. Thanks to its numerous variants, the ID booth line may be employed for coating individual parts, for coating small volume productions and anything in between.

## 1. Flexibility

Here you find the right model for any coating requirements - be it for coating small or bulky parts.

## 2. Rapid Paint Change

The comfortable handling of the work pieces in the easily accessible booth ensures efficient process steps.

## 3. Modern Booth Concept

Thanks to its compact design, the booth needs a relatively small installation surface. The booths include robust and scratch-resistant stainless steel floor tiles.

## 4. Easy and Safe Operation

From installation to setup, the WAGNER manual booths offer the easiest operation of all functions, for example ventilation and cleaning functions.

## 5. Energy Efficiency

The booth offers energy saving recirculated-air operation, the exhaust air is returned to the working area. The integrated exhaust system provides a dust free working environment.



# BASIC 4000 suspension booth

The BASIC 4000 suspension booth is suitable for the coating of individual parts or small series and is equipped with the basic functions required for a cost-effective system. It meets the technical requirements specified by CE and ATEX.



Technical data	
Input voltage	230 – 400 V
Rated power, drive motor	3,00 kW
Input frequency	50 Hz
Filter surface area	40 m <sup>2</sup> , 430,6 ft <sup>2</sup>
Number of filter cartridges	2
Air volume	4000 m <sup>3</sup> /h
Air consumption	25 Nm <sup>3</sup> /h

## Special advantages

- Coating opening (W x H) 1420 mm x 1420 mm  
Small footprint
- Optimal also for medium-sized to small parts  
Integrated rotatable workpiece suspension hook
- Integrated suction unit with 4000 m<sup>3</sup>/h  
Ergonomic and fatigue-free working conditions through direct accessibility to workpiece
- Connection for overspray collection bag below housing

## Included Items

- Booth housing assy.
- Fan motor, not installed
- Silencer hood, not installed
- Two filter cartridges, not installed

Product variants	Art. No.
Suspension Booth Basic 4000 left side	3305080
Suspension Booth Basic 4000 right side	3306210

## BASIC 8000 spray wall

The BASIC 8000 spray wall is suitable for the coating of large parts and is equipped with the basic functions required for a cost-effective system. It meets the technical requirements specified by CE and ATEX.



### Technical data

Input voltage	230 – 400 V
Rated power, drive motor	6,00 kW
Input frequency	50 Hz
Filter surface area	60 m <sup>2</sup> , 645,8 ft <sup>2</sup>
Number of filter cartridges	3
Air volume	8000 m <sup>3</sup> /h
Air consumption	25 Nm <sup>3</sup> /h

### Special advantages

- Suitable for integration in manual conveyor system
- Small space requirements
- Slanted air baffles for directing the air current
- Parts are directly accessible
- Compact size
- Low workpiece height
- Wide range of accessories

### Included Items

- Back wall in 2 segments
- Fan motor, not installed
- Three baffles, not installed
- Silencer hood, not installed
- Three filter cartridges, not installed
- Mounting material

### Product variants

Product variants	Art. No.
Spray stand BASIC 8000 left side	3301920
Spray stand BASIC 8000 right side	3306211

## ID transfer booth

The ID transfer booth is specially designed for the coating of small and large series in flow line operation.



Technical data	
Input voltage	220 – 380 V
Rated power, drive motor	2,20 kW
Input frequency	50 Hz
Filter surface area	30 m <sup>2</sup> , 322,9 ft <sup>2</sup>
Number of filter cartridges	3
Air volume	4000 m <sup>3</sup> /h
Air consumption	20 Nm <sup>3</sup> /h

### Special advantages

- Flow opening H=1530 mm x W=500 mm  
For workpieces up to H=1000 mm x B=300 mm
- Ceiling slots and inlet/outlet vestibules  
Integratable in automatic coating systems with flow line operation
- With stainless steel floor plate  
Robust, scratch resistant floor
- Booth on casters  
Mobile

### Included Items

- Booth housing assy.
- Three filter cartridges
- Deflector grid

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

## ID suspension booth

The ID suspension booth is designed specifically for small series with multiple colors.



### Technical data

Input voltage	220 – 380 V
Rated power, drive motor	2,20 kW
Input frequency	50 Hz
Filter surface area	30 m <sup>2</sup> , 322,9 ft <sup>2</sup>
Number of filter cartridges	3
Air volume	4000 m <sup>3</sup> /h
Air consumption	20 Nm <sup>3</sup> /h

### Special advantages

- Spray opening (W x H): 1440 mm x 1530 mm  
For workpieces up to W=800 mm x H=1200 mm
- Suspension hooks integrated in roof  
Reliable grounding of parts
- Base frame with stainless steel floor plate  
Robust, scratch resistant floor
- Booth on casters  
Mobile

### Included Items

- Booth housing assy.
- Three filter cartridges
- Deflector grid

### Product variants

Product variants	Art. No.
ID suspension booth for circulation mode	3057190
ID suspension booth circul. mode + rail	3082406
ID suspension booth spray-to-waste mode	3056720

# ID spray wall

The ID spray wall is especially suited for the coating of large parts in one-color operation or for frequent color changes.



Technical data	
Input voltage	220 – 380 V
Rated power, drive motor	2,20 kW
Input frequency	50 Hz
Filter surface area	30 m <sup>2</sup> , 322,9 ft <sup>2</sup>
Number of filter cartridges	3
Air volume	4000 m <sup>3</sup> /h
Air consumption	20 Nm <sup>3</sup> /h

## Special advantages

- Slanted air baffles for directing the air current  
Integratable in automatic coating systems with flow line operation
- Base frame with stainless steel floor plate  
Robust, scratch resistant floor
- Booth on casters  
Mobile

## Included Items

- Spray wall assy.
- Three filter cartridges
- Deflector grid

Product variants	Art. No.
ID Spraywall Spray-to-Recovery	3057870
ID Spraywall Spray-to-Waste	3057905

# Automatic stainless steel booths

Stainless steel booths are used where an automatic coating system needs to be built on a small budget and in a rough environment. This indestructible and easy-to-maintain booth type ensures professional use over many years. With the ICF (filter) and ICM (multicyclone) recovery versions, units can be built for single paint or multi-paint systems.

## 1. Easy cleaning

The accessible stainless steel booth floor and the smooth surfaces ensure efficient cleaning.

## 2. Cost-effectiveness and efficiency

Variable suction capacity thanks to the modular combination of recovery modules.

## 3. Modular design

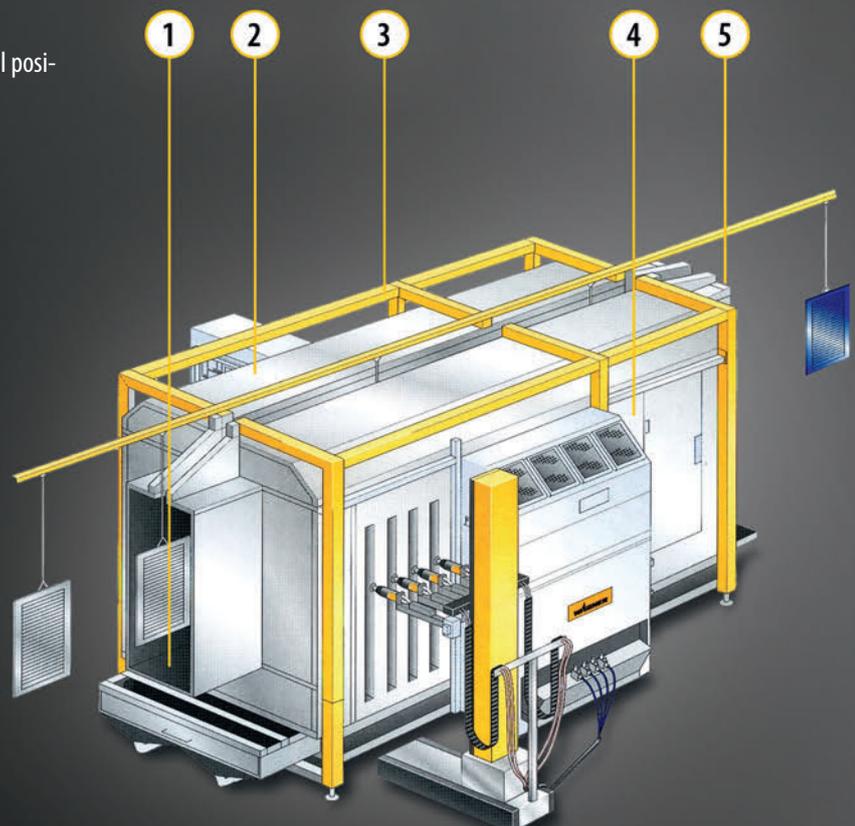
Thanks to the modular and compact design the booth may be adapted easily to the users requirements.

## 4. Optimal process sequences

The booths offer integrated manual coating stations with optimal positioned illumination.

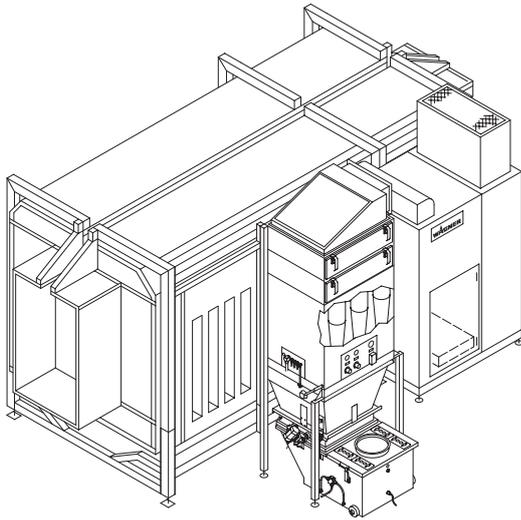
## 5. Process reliability

No sintering when directly connected to the multicyclone.



# ICM multicyclone booths

ICM Integral Compact Multicyclone stainless steel booths are designed for automatic powder coating and manual coating in multipoint operation.



## Special advantages

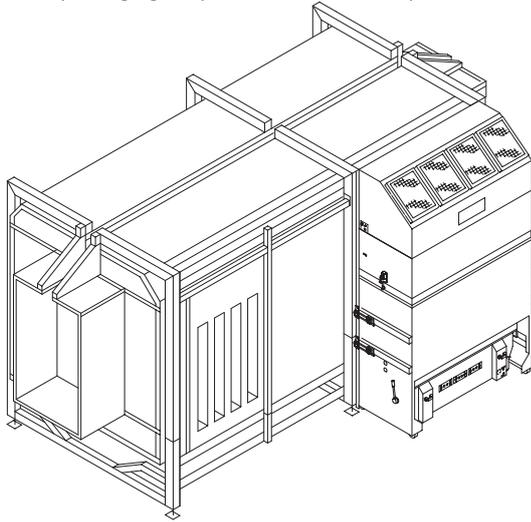
- Booth housing and treadable booth floor of stainless steel  
Easy-to-clean surfaces
- Robust steel frame support structure  
Sturdy, indestructible construction
- Variable suction capacity through modular combination of recovery modules at 8000 m<sup>3</sup>/h and higher  
Small footprint and low equipment height
- Fluid container with integrated sieve, directly equipped with injectors for optimum coating quality

## Ordering information

- ICM multicyclone booths are configured to meet individual customer requirements.
- The WAGNER engineering department will make an offer on request within a very short period of time.

## ICF filter booths

ICF Integral Compact Filter stainless steel filter booths are designed for automatic powder coating and manual coating. Paint changes can be undertaken by changing the powder and filter trolley.

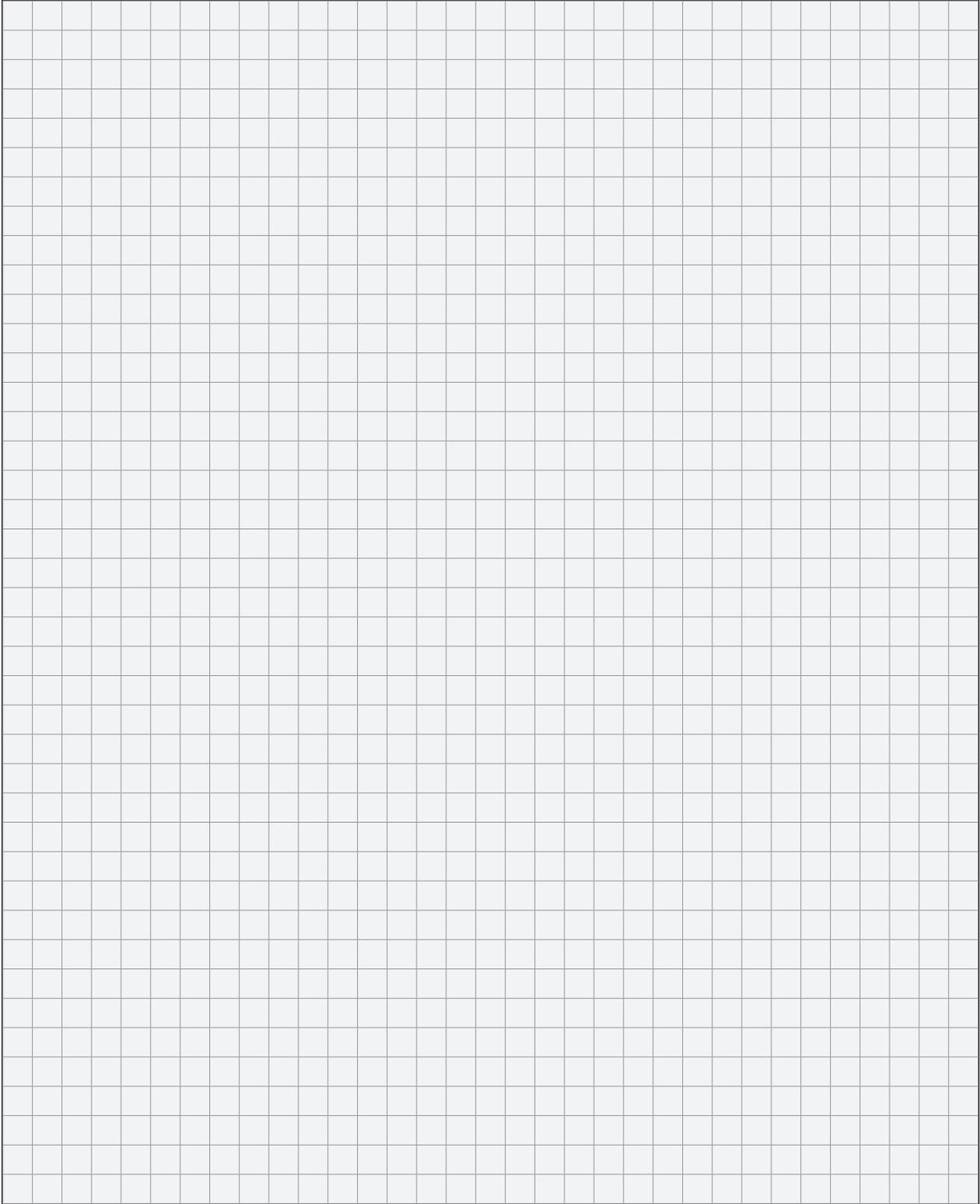


### Special advantages

- Booth housing and treadable booth floor of stainless steel  
Easy-to-clean surfaces
- Robust steel frame support structure  
Sturdy, indestructible construction
- Variable suction capacity through modular combination of recovery modules at 8000 m<sup>3</sup>/h and higher  
Small footprint and low equipment height
- Fluid container with integrated sieve, directly equipped with injectors for optimum coating quality

### Ordering information

- ICF filter booths are configured to meet individual customer requirements.
- The WAGNER engineering department will make an offer on request within a very short period of time.



# Automatic plastic booths

Today automatic plastic booths are mainly used in modern powder coating systems. The material PVC is particularly suited for the construction of a complete (HiCoat) system, thanks to its mechanical properties (robust, repairable), but also especially thanks to its electrostatic properties. Depending on recovery system single-paint systems with filter recovery or multi-paint systems with monocyclone recovery can be constructed. Here it has been proven that paint changes only take a few minutes. Today these multi-paint systems are used for all contract coating companies.

## 1. Excellent Coating Results

There is no paint carry-over thanks to the optimized pipe geometry. This ensures a safe change for critical powders.

## 2. Rapid Paint Change

An efficient paint change is ensured thanks to the compact design of the booth housing and the powder repulsion.

## 3. Optimal Booth Cleaning

Booth housings with PVC sandwich construction are dust repellent (no sintering).

## 4. Maximum Pressure Electrode Effect

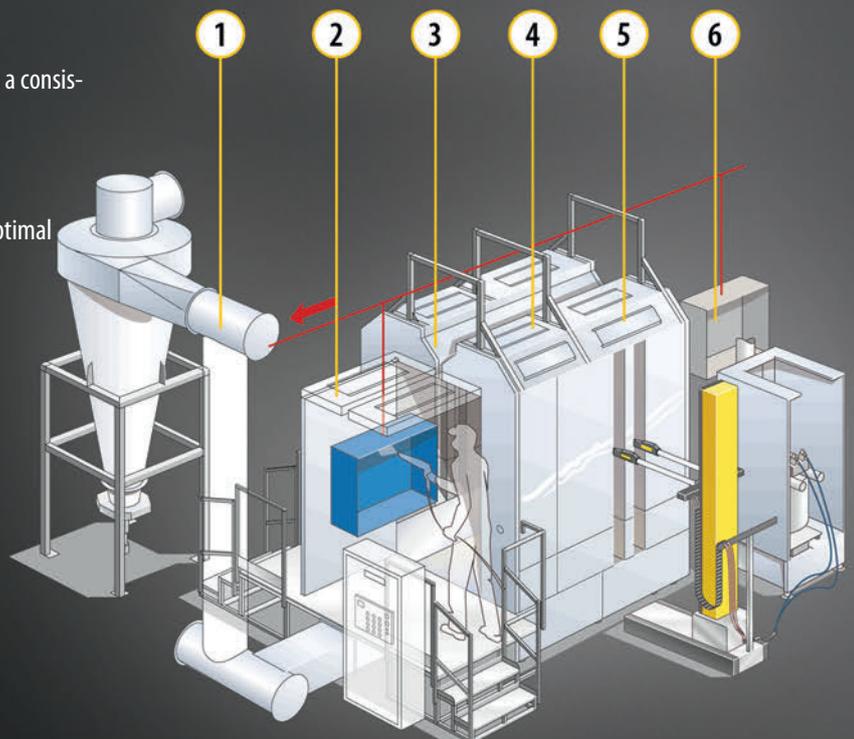
This ensures an increased application efficiency.

## 5. Consistent Powder Quality

The prevention of separation during powder circulation ensures a consistently high powder performance during the coating process.

## 6. High Application Efficiency.

The even suction for the complete booth length allows for an optimal surface quality.



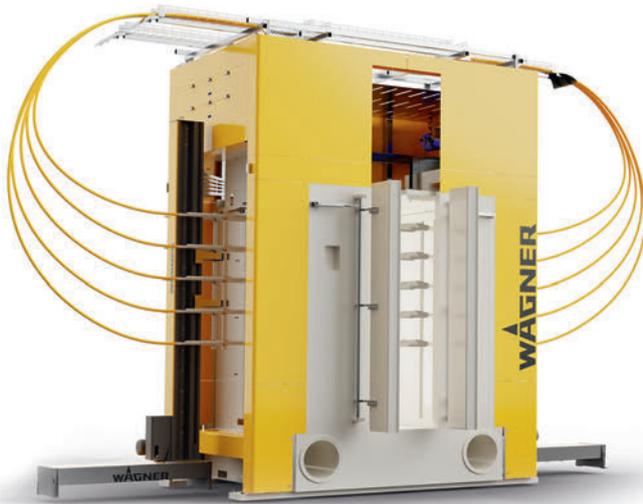
## Automatic plastic booths

	Quick-Cube	M-Cube	S-Cube
Height	2900 mm / 114 inch	4130 mm / 163 inch	Variable
Width	2020 mm / 80 inch	2460 mm / 97 inch	Variable
Length	2400 mm / 94 inch	2700 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 type	Along the outside of the cabin housing. No disturbance of the coating zone.		
Suction tubes	2 - arranged laterally square suction tubes	2 - arranged laterally, round suction tubes	
Floor cleaning	 From the center to the outside, no disturbance of the coating zone		
Booth doors available		 (Swing door at the inlet)	
Gun slots	1-3	1-3	Variable
Gun blow off device			
Max. Workpiece height	2000 mm / 79 inch	2500 mm / 99 inch	Variable
Max. Workpiece width	1000 mm / 39 inch (at H=2000mm/79inch B max. 800mm/32inch)	1000 mm / 39 inch (at H=2500mm/99inch B max. 800mm/32inch)	Variable
Max. manual coater platforms	2 placed outside	2 placed outside	Variable
Pre-coater	1x	1x	Variable
Post-coater	1x	1x	Variable
Vertical unit	VU2-1800 / VU2-2400	All VU1 / VU2	All VU1 / VU2
Horizontal units	HU 1000 / RS 1000	All HU1 / All RS	All HU1 / All RS
Robot integration			
Axis integration			
Cyclone and Filter	13.000 & 17.000 Nm <sup>3</sup> /h 7650 cfm & 10000 cfm	Up to 21.000 Nm <sup>3</sup> /h up to 12360 cfm	Depending on configuration
Energy Efficiency Package			

-  Standard
-  Option
-  Not available

## S-Cube CleanAssist

The WAGNER S-Cube CleanAssist, a compact powder coating booth with an automated cleaning process, guarantees continuous high-quality cleaning & coating results for increased production rates.



The WAGNER S-Cube CleanAssist is available as part of a complete powder coating system. A wide range of workpieces can be coated with highest efficiency - even large objects in horizontal suspension, such as aluminum profiles or metal furniture.

- Considerable time savings as the effort for manual booth cleaning is minimized by up to 100%.
- High productivity and low powder consumption due to approximately 5-6\* minutes colour change time and an overspray recovery of up to 95%.
- Continuously high coating quality thanks to fast and reliable cleaning process - reduced contamination during colour changes.

### Special advantages

- **Time savings & easy operation**

Automatic start of the colour change by the code plate which is read by a photo cell. All-in-one control panel (based at the integrated powder center) allows intuitive process adjustments.

- **Flexible application options**

A wide range of workpieces can be coated, up to a size of 2400 x 700 mm.

- **Optimum cleaning results**

- Gun slots and workpiece passage are closing automatically during the booth cleaning process.
- Automated floor cleaning from center to sides.
- Cleaning of automatic guns with unique blow-off panels.

- **Increased coating quality**

Double suction tubes lead to a perfect air flow inside the booth with minimum air speed in the coating area. This ideal design guarantees maximized transfer efficiency and uniform coating thicknesses.

### Ordering information

- The S-Cube CleanAssist is configured to meet individual customer requirements.
- The WAGNER engineering department will make an offer on request within a very short period of time.

## Booth accessories

WAGNER offers a comprehensive accessories range for powder booths.  
Please select the components you require from this table.

● Compatible with one another

BASIC 4000 suspension booth	BASIC 8000 spray wall	ID transfer booth	ID suspension booth	ID spray wall	ICM multicyclone booths	ICF filter booths	Automatic plastic booths
-----------------------------	-----------------------	-------------------	---------------------	---------------	-------------------------	-------------------	--------------------------

Container									
Collector tank			●	●	●				3055950
Powder trolley assy. ID 1 Injector			●	●	●				3104860
Powder trolley assy. ID 2 Injectoren			●	●	●				3105976
Powder trolley, no lid						●			3150742
Vibrator drive assy. IMZ						●			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 collectn 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
Pick-up system									
Pick-up tube ICM/ICF compl.						●	●		3310754
Spacer 5 mm for injector connection IC						●	●		3310753
Blow-out system									
Injector retainer plate 4-fold						●			3103200
Blind injector						●			701452
Blow-off system									
Blower sprayer	●	●	●	●	●	●	●	●	3920048
Nozzle essay just with clutch.	●	●	●	●	●	●	●	●	3920053
Hose rell assy.	●	●	●	●	●	●	●	●	3923136
Extension for blowing gun 460mm	●	●	●	●	●	●	●	●	3921960
Extension for blowing gun 960mm	●	●	●	●	●	●	●	●	3920051
Link nozzle 40mm						●	●	●	3303641
Extension for blowing gun 1460mm						●	●	●	3920052
Extension for blowing gun 1960mm						●	●	●	3923041
Extension for blowing sprayer 2500mm						●	●	●	3927555
Extension for blowing gun 3000mm						●	●	●	3927556
Cleaning nozzle for conveyor protector						●	●	●	3923043
Slot Cleaning Brush						●	●	●	3307849

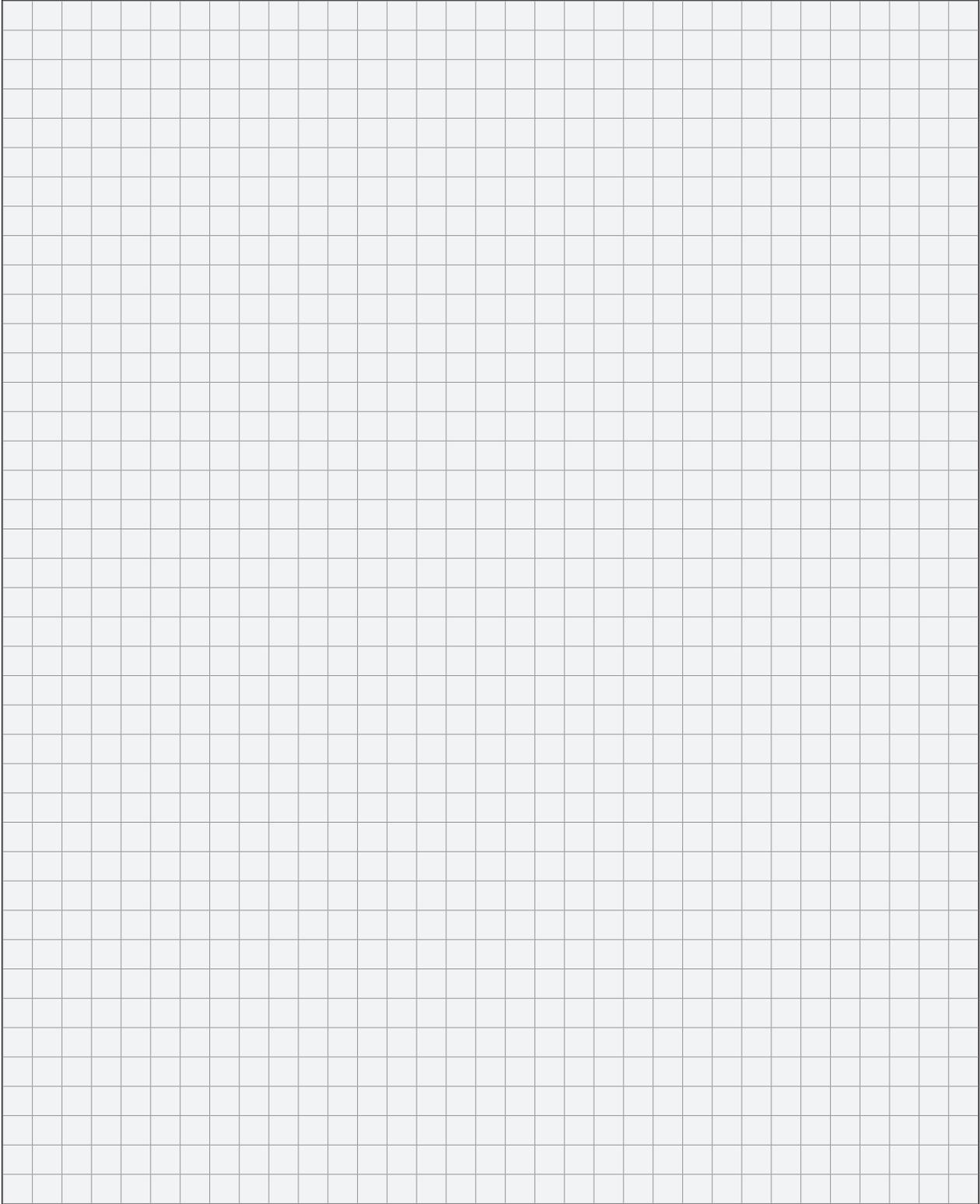
## Booth accessories

WAGNER offers a comprehensive accessories range for powder booths.  
Please select the components you require from this table.

● Compatible with one another

BASIC 4000 suspension booth	BASIC 8000 spray wall	ID transfer booth	ID suspension booth	ID spray wall	ICM multicyclone booths	ICF filter booths	Automatic plastic booths
-----------------------------	-----------------------	-------------------	---------------------	---------------	-------------------------	-------------------	--------------------------

Assembly								
Sealing plug						●	●	3306622
Lock nut M20x1.5							●	3156833
Power cable								
Grounding wire						●	●	3105965
Filter, maintenance								
Filter cartridge			●	●	●	●		3131045
Viledon-Filter mat						●		3100027
Filter cartridge ICF 8000							●	3131047
Filter cartridge ICF 12000							●	3131048
Sieve								
Strainer chamber assy. IMZ						●		3106026
Sieving chamber 315qmm assy						●		3069260
Vibrat. screen assy. IC-3							●	3059011
Noise reduction								
Silencer hood ID top assy.			●	●	●			3058017
Blow out silencer						●		3140958
Silencer hood assy.						●		3103049
Cleaning tools								
Multitexrolle in pickbox	●	●	●	●	●	●	●	3311137
Blower lance cpl.						●	●	3107643
Rubber scraper						●	●	3107454
Scraper						●	●	3107456
Other accessories								
Roller set for Basic 4000	●							3306110
Movable profil frame assy. for Basic 800		●						3306133
Small ground panel Basic 8000		●						3305528
Big ground panel Basic 8000		●						3305529
Filter trolley assy. 8000m <sup>3</sup> /h							●	3059060
Filter trolley assy. 12000m <sup>3</sup> /h							●	3060002



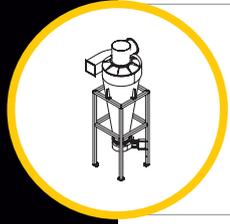
# Strong performance ensures a perfect environmental balance.

WAGNER recovery systems separate the powder/air mixture exhausted from the booth and return the powder to the powder circuit. WAGNER offers two different systems: filter and cyclone recovery.





## Recovery



Cyclones

84



Filter

87



Accessories

93

# Energy Efficiency Package EEP

The innovative recovery system WAGNER EEP revolutionized the powder-air flow in the coating cycle. The resulting advantages are highly value-adding for our customers.

## 1. Improved recovery rate and minimized pressure loss

Thanks to the bionic elbow pipings and cyclone inset.

## 2. Maximized production stability

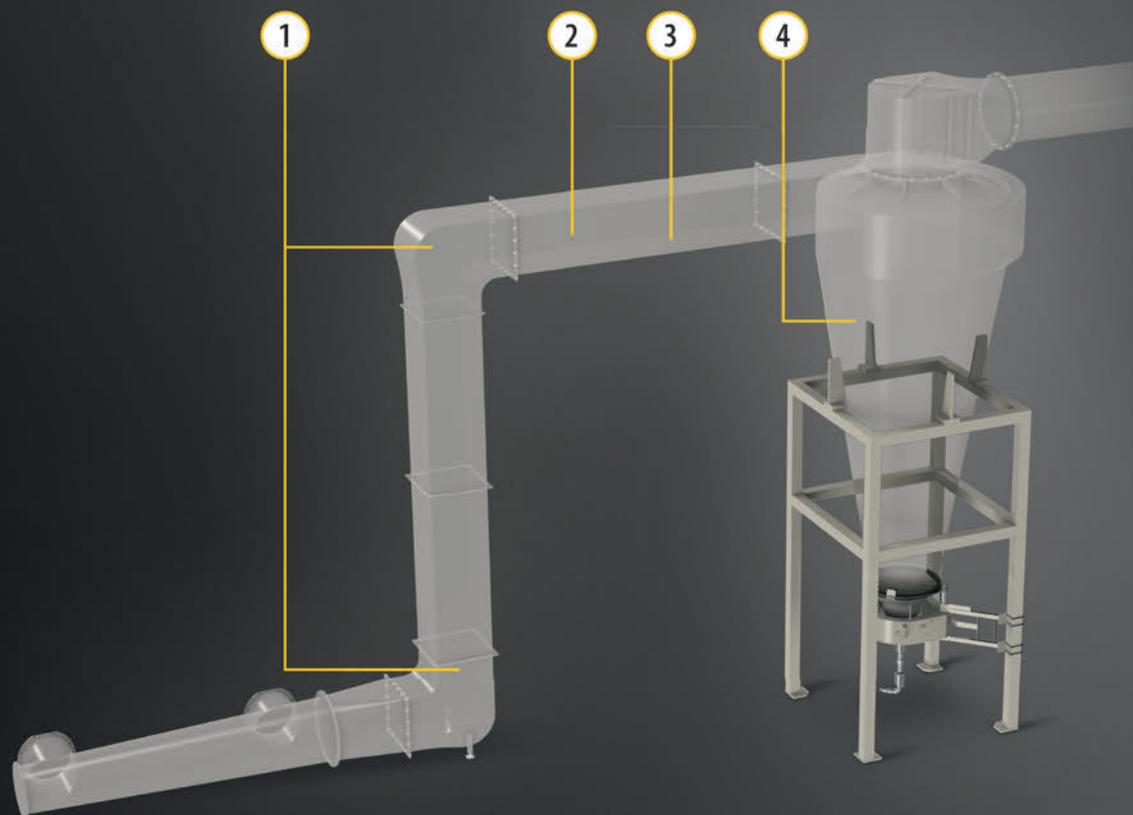
High safety during color changes without the risk of contamination.

## 3. Minimized powder stickings

Less powder stickings inside the ducts leads to reduced wear.

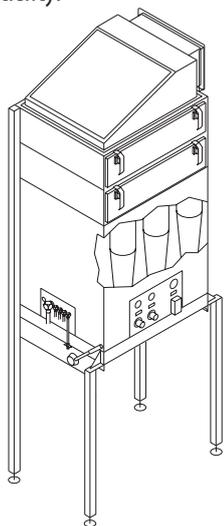
## 4. Best savings potential

Up to 40% less energy consumption.



# Multicyclone

Multicyclone units are used as a powder recovery system in Wagner IC stainless steel booths. They are characterized by their compact design and high separation efficiency.



Technical data	
Operating temperature	5 – 45 °C, 41.0 – 113.0 °F
Weight	400,0 kg, 882.0 lb

## Special advantages

- Compact size  
Small space requirements
- High removal efficiency  
Low waste volume in after-filter
- Usable with suction capacities from  
8000–12000 m<sup>3</sup>/h  
High specific suction capacity

## Processable materials

- Corona powder
- Tribo powder
- Commercially available metallic powders

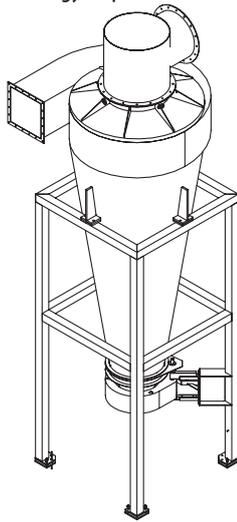
## Included Items

- Multicyclone box with 9 minicyclones
- Pipe not included
- After-filter not included
- Powder container not included

Product variants	Art. No.
Multicyclone Unit	3100315

## Monocyclone EEP

The highly efficient Wagner mono-cyclone is used with automatic booths for color changing systems. It separates the suctioned powder / air mixture. The exhaust air is fed to the after-filter. The powder gets sieved and fed back to the guns. The flow optimized construction results in significantly lower pressure losses than conventional systems and allows up to 40% savings in the energy requirement of the after-filter.



### Technical data

Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	1.150,0 kg, 2,535.8 lb

### Special advantages

- High removal efficiency at approx. 97% depending on powder and powder load  
Minimal powder waste
- Cyclone hopper with two-hand control  
Meets safety requirements
- Sieve can be swiveled out  
Protection of the circulation pump against dirt and contamination.

### Processable materials

- Corona powder
- Tribo powder
- Usual bonded metallic powder

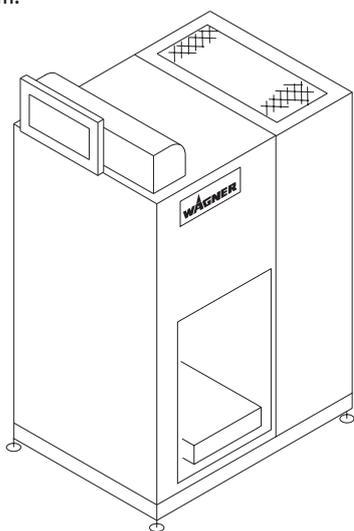
### Included Items

- Monocyclone with frame (inlet on the right or left side)
- Powder extraction with two-hand control
- Vibration sieve 400 µm
- Peristaltic conveyor not included
- Pipe not included
- After-filter not included

Product variants	Art. No.
Monocyclone assy 12000 m <sup>3</sup> /h left	2364089
Monocyclone assy 16000 m <sup>3</sup> /h left	2364840
Monocyclone assy 20000 m <sup>3</sup> /h left	2361161
Monocyclone assy 24000 m <sup>3</sup> /h left	2366966
Monocyclone assy 12000 m <sup>3</sup> /h right	2364679
Monocyclone assy 16000 m <sup>3</sup> /h right	2364837
Monocyclone assy 20000 m <sup>3</sup> /h right	2366919
Monocyclone assy 24000 m <sup>3</sup> /h right	2366958

## Final-filter unit, ICM multicyclone

Final filters 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.



### Special advantages

- Filter cartridges, application categories U, S, G, C  
Meet the legal requirements for powder removal
- Filter cleaning with compressed air pulses  
Low air consumption
- Differential pressure monitor  
Maintain the minimum suction capacity

### Suitable for product

- ICM multicyclone

### Technical data

Filter surface area	120 m <sup>2</sup> , 1.291,7 ft <sup>2</sup>
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Blow direction	Upward
Three-phase current connection	220–240 / 380–420 V
Number of filter cartridges	12
Air consumption	15 Nm <sup>3</sup> /h
Operating temperature	5 – 35 °C, 41.0 – 95.0 °F
Max. sound level	82 dB(A)

### Included Items

- Filter unit with powder collecting container
- Fan unit
- Vent silencer not included

Product variants	Art. No.
Filter modul ICM 8000m <sup>3</sup> /h cpl.	3140956
Filter modul ICM 10000m <sup>3</sup> /h cpl.	3140957
Filter modul ICM 12000m <sup>3</sup> /h kpl.	3304378

## Final-filter unit , monocycluses EEP

After-filters 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 lead to a significantly lower energy requirement and thus a reduction in operating costs.

### Technical data

Air inlet pressure	0,6 – 0,7 MPa, 6,0 – 7,0 bar, 87 – 102 PSI
Operating pressure	0,0 MPa, 0.055 bar, 1 PSI
Three-phase current connection	220–240 / 380–420 V
Air consumption	16.2 Nm <sup>3</sup> /h
Operating temperature	-10 – 65 °C, 14.0 – 149.0 °F

### Special advantages

- Filter cartridges, application categories U, S, G, C  
Meet the legal requirements for powder removal
- Filter cleaning with compressed air pulses  
Low air consumption
- Differential pressure monitor  
Maintain the minimum suction capacity
- Horizontal filter cartridges  
Easy to maintain and replace

### Suitable for product

- Monocyclone EEP

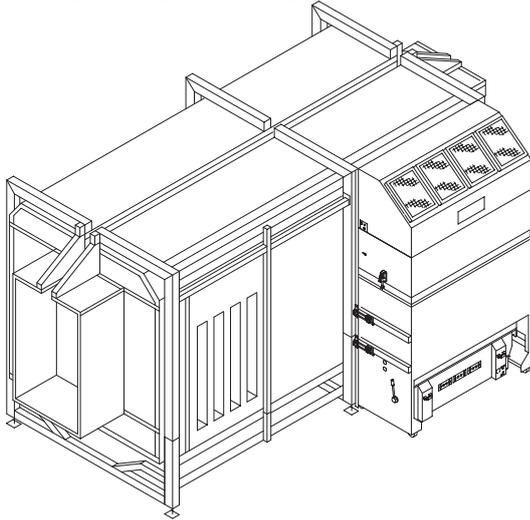
### Included Items

- Filter unit with powder collecting trolley
- Fan unit
- Vent silencer
- Filter control unit (on the left or right side)

Product variants	Art. 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

## ICF filter recovery

The filter is used to separate coating powders directly. It is characterized by a very high separation efficiency of over 99.9%. The ICF system can be flange-mounted directly onto the booth. The mobile filter trolley can be readily exchanged during a paint change.

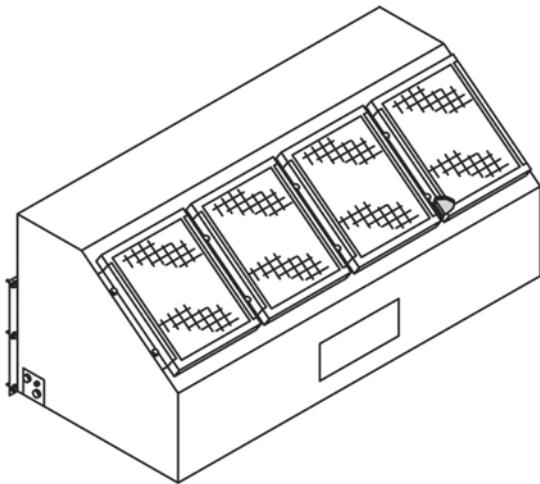


### Special advantages

- Compact set up with sieving unit and fluidized container  
Less space requirements, good cost/performance ratio

## ICF filter recovery – air outlet box

The sound-insulated air outlet box collects the air that is sucked in and blown out by the fans and returns it to the environment



### Technical data

Blow direction	Upward
----------------	--------

#### Special advantages

- Flange-mounted directly onto the booth hull
- Space-saving construction

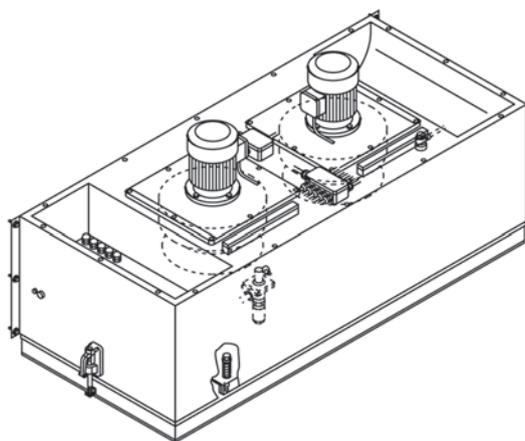
#### Included Items

- Air outlet box
- Sound insulation elements

Product variants	Art. No.
Air outlet box assy. 8000m <sup>3</sup> /h	3059080
Air outlet box assy. 12000m <sup>3</sup> /h	3059990

## ICF filter recovery – fan box

The fan box allows for a certain suction capacity of a booth. If the pressure loss in the air system is known, the expected air power can be calculated on the basis of the fan characteristic curves. It is optimally coordinated with the ICF system.



Technical data	
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Three-phase current connection	220–240 / 380–420 V
Max. sound level	78 dB(A)

### Special advantages

- Flange-mounted directly onto the booth hull
- Space-saving construction

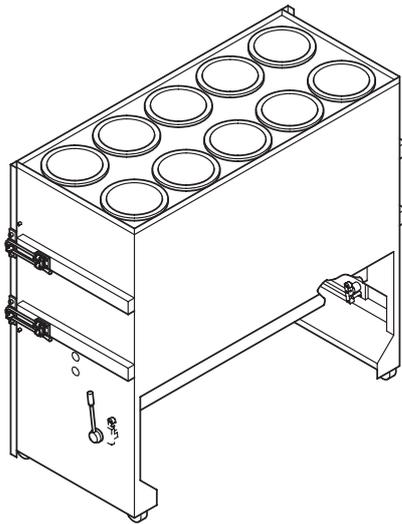
### Included Items

- Fan box
- Two air motors
- Two radial fan wheels
- Ten pulse cleaning valves

Product variants	Art. No.
Fan box with cleaning 8000m <sup>3</sup> /h	3059100
Fan box with cleaning 12000m <sup>3</sup> /h	3059980

## ICF Recovery System - Filter trolley

The powder/air mixture sucked in from the booth is separated in the filter trolley. The powder is captured in the ribs and is cleaned off by compressed air impulses. The recovered powder may thus be returned to circulation.



### Technical data

Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Number of filter cartridges	10

### Special advantages

- Filter cartridges, application categories U, S, G, C  
Meet the legal requirements for powder removal
- Large filter opening  
Minimal pressure loss
- Flange-mounted directly onto the booth  
Space-saving construction
- Considered to be an open recovery system  
Does not require a flame arrestor for fire protection

### Included Items

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

### Product variants

Product variants	Art. No.
Filter trolley assy. 8000m <sup>3</sup> /h	3059060
Filter trolley assy. 12000m <sup>3</sup> /h	3060002

## Recovery accessories

WAGNER offers a comprehensive accessories range for the recovery of powder lacquers. Please select the components you require from this table.

● Compatible with one another

Monocyclone EEP	After-filter unit, ICM multicyclone	After-filter unit, monocyclones EEP	ICF Recovery System - Filter trolley
-----------------	-------------------------------------	-------------------------------------	--------------------------------------

Filter, maintenance					
Plasticgranulate cyclonecleaning	●				3310593
Filter cartridge		●			3131045
Filter cartridge		●			3131046
Viledon-Filter mat		●			3100027
Filter cartridge Ultraweb			●		2338860
Filter cartridge ICF 8000				●	3131047
Filter cartridge ICF 12000				●	3131048

# Highly dynamic for highest flexibility.



The coating of complex parts such as the inside of cabinets require guns to move independently from each other. WAGNER offers various systems ranging from simple linear units to dynamic 3D coating with Z-axes. Thus, efficient coating can be achieved without investing in an expensive robot.

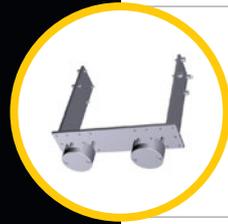


## Moving



Linear units

96



Accessories

106

## VU 1 vertical moving device

The motion technology is flexibly applicable. Whether long or short strokes, with this technology any motion sequence can be executed with precision. The horizontal sliding table allows for complex motions and thus ensures the coating of complex parts.



Technical data	
Input voltage	230 – 400 V
Rated power, drive motor	0,75 kW
Input frequency	50 Hz
Protection class	IP 54
Ambient temperature	0 – 45 °C, 32 – 113 °F
Max. load capacity of device support	50 kg
Ascent and descent speed	6 – 30 m/min

### Special advantages

- Flexible application  
A device for both long and short stroke applications and as a positioning device
- Intelligent drive concept  
Ensures precise and durable path measurement with an intelligent frequency converter
- Stable mechanical construction  
Lightweight, but robust design thanks to aluminium sections and clearance free precision linear guiding and ball cages.
- Maintenance-friendly drive concept  
Wire-enforced toothed belt ensures a long service life

### Controller

- MCS 1 (Stand-alone-mode)
- PrimaTech
- ProfiTech M
- ProfiTech S

Product variants	Art. No.
Vertical moving device VU 1-1800	2327615
Vertical moving device VU 1-2400	2327616
Vertical moving device VU 1-3000	2327617

## VU 2 vertical moving device

The motion technology is flexibly applicable. Whether long or short strokes, with this technology any motion sequence can be executed with precision. The horizontal sliding table allows for complex motions and thus ensures the coating of complex parts.



Technical data	
Input voltage	230 – 400 V
Rated power, drive motor	0,55 kW
Input frequency	50 Hz
Protection class	IP 54
Ambient temperature	0 – 45 °C, 32 – 113 °F
Max. load capacity of device support	30 kg
Ascent and descent speed	6 – 30 m/min

### Special advantages

- Flexible application  
A device for both long and short stroke applications and as a positioning device
- Intelligent drive concept  
Ensures precise and durable path measurement with an intelligent frequency converter
- Stable mechanical construction  
Lightweight, but robust design thanks to aluminium sections and clearance free precision linear guiding and ball cages.
- Maintenance-friendly drive concept  
Wire-enforced toothed belt ensures a long service life

### Controller

- MCS 1 (Stand-alone-mode)
- PrimaTech
- ProfiTech M
- ProfiTech S

Product variants	Art. No.
Vertical moving device VU 2-1800	2363696
Vertical moving device VU 2-2400	2363695

## Horizontal moving device

The system is a precise and stable sliding table with 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 and reliable positioning of reciprocators.



### Special advantages

- Intelligent drive concept  
Ensures a precise and long-life displacement measurement with an intelligent frequency converter
- Stable mechanical construction  
Lightweight, but robust design thanks to aluminium sections and precision linear guiding and ball cages.
- Maintenance-friendly drive concept  
Wire-enforced toothed belt ensures a long service life
- Low-vibration movement processes  
Stable mechanical construction ensures a stable powder cloud thus ensuring optimal coating results

### Controller

- MCS 1 (Stand-alone-mode)
- PrimaTech - CCM
- ProfiTech S
- ProfiTech M

### Technical data

Input voltage	230 – 400 V
Rated power, drive motor	0,18 kW
Input frequency	50 Hz
Protection class	IP 54
Ambient temperature	0 – 45 °C, 32 – 113 °F
Max. in/out positioner load	450 kg, 15.873,3 oz
Displacement speed	6 m/min
Width	600 mm, 23.6 in.
Height	282 mm, 11.1 in.

### Product variants

Product variants	Art. No.
Horizontal moving device HU1-600	2327619
Horizontal moving device HU1-1000	2335048
Horizontal moving device HU1-1200	2327621
Horizontal moving device HU1-1600	2327622
Horizontal moving device H 1-600 M	2327623
Horizontal moving device H 1-1000 M	2336456
Horizontal moving device HU1-1200 Ex	2327625

## Roller set RS 8

Manual slide unit for horizontally positioning the reciprocators and setting the distance of the gun to the workpiece.



### Special advantages

- Stable U profile frame  
Simple, solid technology
- Base plate with 4 flanged rollers  
Highly durable

Product variants	Art. No.
Roller set RS 8-600	2327628
Roller set RS 8-1000	2337074
Roller set RS 8-1200	2327630

## Motion Control Standalone MCS 1

The MCS can control up to 2 reciprocators VU 1 and 2 sliding tables HU 1. It is used as a standalone device and integrated in the PrimaTech CCM.



### Special advantages

- Universal use as standalone device or in combination with the PrimaTech CCM application control.  
Flexible application
- Controlling of max. 2 reciprocators VU 1 and 2 sliding tables VU 1  
Wide range of applications
- 50 movement profiles can be saved as recipes  
Coating parameters are quickly available.

### Included Items

- Control unit in EPG housing with rear mounting. Control unit in EPG housing with rear mounting options.
- 10 m current and CAN bus cables (each) for the first motion component
- 2. Key for key switch
- 1 Touch pen for easy operation of the touchscreen
- Plug for connecting the onsite power supply.
- Attention: connection onsite power supply 230 VAC, 50/60 Hz, protection 20 A

Product variants	Art. No.
Motion control standalone MCS 1	2327643

## Z-axes

Z-axes are used for moving individual guns in a straight line. Generally, one Z-axis is used per gun. In addition, Z-axes are used as positioning axes for gun groups or other axes.



Technical data	
Protection class	IP 54
Ambient temperature	0 – 40 °C, 32 – 104 °F
Speed	30 m/min

### Special advantages

- Modular system with varying travel distances and loads  
Individual configuration depending on application
- High positioning accuracy  
Reproducible settings
- Compact size  
Small space requirements
- Combination of several axes possible  
Simple assembly of a coating robot

### Controller

- ProfiTech S

### Ordering information

- Z and positioning axes are individually sized to meet customer requirements.
- The WAGNER project division will make an individual offer upon request

## Hose guide, type Easy V1

The Easy hose guide is a simple system that prevents bending powder and air hoses. In this way, it helps ensure trouble-free operation of the system. Type H for horizontal, type V for vertical gun arrangements.



### Special advantages

- Hoses remain freely movable  
No risk of kinking
- Secure fixation  
Very short hose lengths
- Simple, robust design  
Low-priced, long-lasting

### Included Items

- As per configuration table

### Ordering information

- Please order the individual parts as specified in the configuration table.

## Hose guide, type Easy V1

Configuration, hose guide Easy V1	Variable			Example
Vertical gun arrangement				
Maximum number of guns: 12	N1			6
Maximum workpiece height: 2,400 mm	H			1,800 mm
Max. number of hoses per gun: 2	N2			1
Item	No.	Number	Configuration	Result
Support H=2,300 mm	A	3304975	= 2 (H<1900)	2
Support H=2,800 mm	B	3304976	= 2 (H>1800)	
Angle support bracket	C	3304954	= N1*N2/2 (round up result)	3
Kink protector assy. 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 mm <sup>2</sup> , yellow	M	3054811	= 4	4
Plastic insulated wire 6.0 mm <sup>2</sup> , 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

## Hose guide, type Easy H

The Easy hose guide is a simple system that prevents bending powder and air hoses. In this way, it helps ensure trouble-free operation of the system. Type H for horizontal, type V for vertical gun arrangements.



### Special advantages

- Hoses remain freely movable  
No risk of kinking
- Secure fixation  
Short hose lengths
- Simple, robust design  
Low-priced, long-lasting

### Included Items

- As per configuration table

### Ordering information

- Please order the individual parts as specified in the configuration table.

## Hose guide, type Easy H

Configuration, hose guide Easy H	Variable			Example
Horizontal gun arrangement				
Maximum number of guns: 12	N1			6
Maximum workpiece height: 2,400 mm	H			1,800 mm
Max. number of hoses per gun: 2	N2			1
Item	No.	Number	Configuration	Result
Support H=2,300 mm	A	3304975	= 2 (H<2200)	2
Support H=2,800 mm	B	3304976	= 2 (H<2200)	
Support tube	C	3304990	= 1 (D<19) otherwise 2	1
Kink protector assy. 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 <sup>2</sup> , yellow	M	3054811	= 4	4
Plastic insulated wire 6.0 mm <sup>2</sup> , 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	0701316	= 2*C	2
Screw anchor	R	3145555	= 4	4
Building plan	S	3305079	= 1	1

## Moving accessories

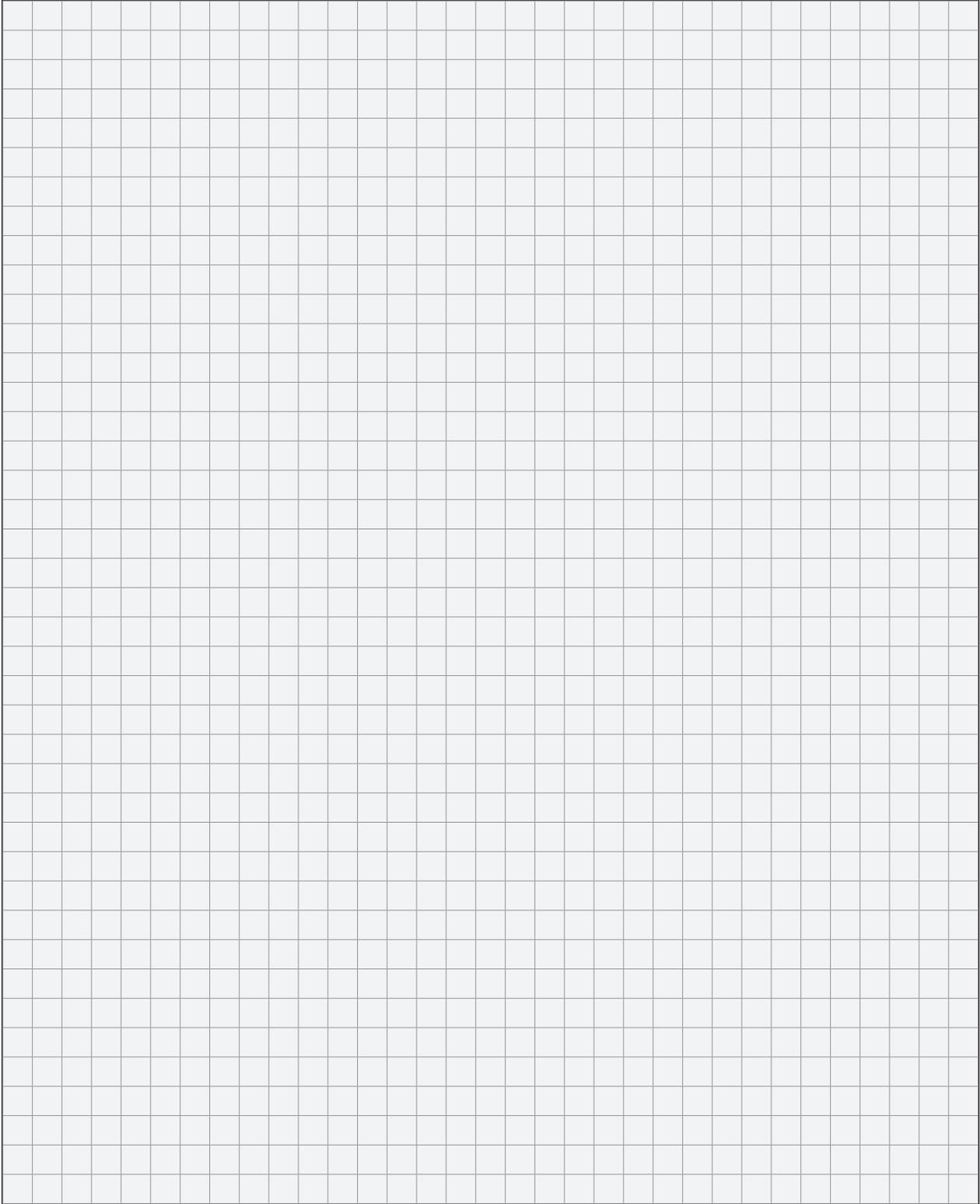
WAGNER offers a comprehensive motion technology accessories range. Please select the components you require from the table.

● Compatible with one another

VU 1 vertical moving device	VU 2 vertical moving device	Horizontal moving device	Roller set RS 8
-----------------------------	-----------------------------	--------------------------	-----------------

Fixture					
Base fixture	●	●		2334258	
Counterweight VU1 - 1.1kg	●			2336261	
Base support VU cpl.	●	●		2336702	
Gun assembly VU - 1R,hor. 4 gun	●	●		2336731	
Gun assembly VU - 1R,hor. 6 gun	●	●		2336732	
Gun assembly VU - 2R-hor.	●	●		2336733	
Gun assembly VU - 2R-ver. 6 gun	●	●		2336734	
Counter weight for VU 1 - 15kg	●			2339412	
Gun mount assy., square	●	●		3305515	
Counterweight VU-LE		●		2363697	
Chain Set HU1 600-900			●	2328542	
Chain Set HU1 901-1200			●	2328543	
Chain Set HU1 1201-1500			●	2328544	
Chain Set HU1 1501-1800			●	2328545	
Energy chain set RS8 600-1200				●	2336432

Assembly				
Square tube	●	●		8034003
Square tube	●			8073997
Protective cap, black	●	●		9990548
Cross clamping, sq.-rd.	●	●		373235
Cross clamp	●	●		373236
Protective cap, black	●	●		9998577



The logo for WAGNER, featuring a stylized triangle above the word "WAGNER" in a bold, sans-serif font, all contained within a yellow rectangular background.

# Individual and modular for complex tasks.



Excellent reliability and high precision for optimal coating results – that's what WAGNER control technology stands for. It is the ideal basis for advanced and powerful automation solutions in powder coating. Regardless of what your application may be, we have the right solution for you.



## Control



SprayPackE controllers

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ProfiTech M controllers

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ProfiTech S controllers

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Layer Check LC 1000

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Accessories

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# SprayPackE control system

The SprayPackE is an application control system that guarantees high-quality coating results with the simplest operation. The modular design of the controller enables quick installation and simple extensions if required at a later date. Important control functions allow resource-saving coating for energy and material savings. Central operation via a touch screen with professional visualization is a reference in this product segment.

## 1. Most intuitive user interface on the market

- Short time to understand the system
- Fewer errors during operation
- Minimized correction work due to incorrect operation

## 2. Touchscreen

More production time thanks to quick change of settings.

## 3. Individual user level

Reduced risk of incorrect settings guarantees constant coating results.

## 4. Advanced coating functions

Reduction of powder consumption and increased degree of automation.

## 5. Industry 4.0 capable

Cost reductions through high transparency of system performance via the WAGNER IoT portal.

## 6. Front protection bar

Additional protection against mechanical damage from outside.

## 7. Plug & Play design

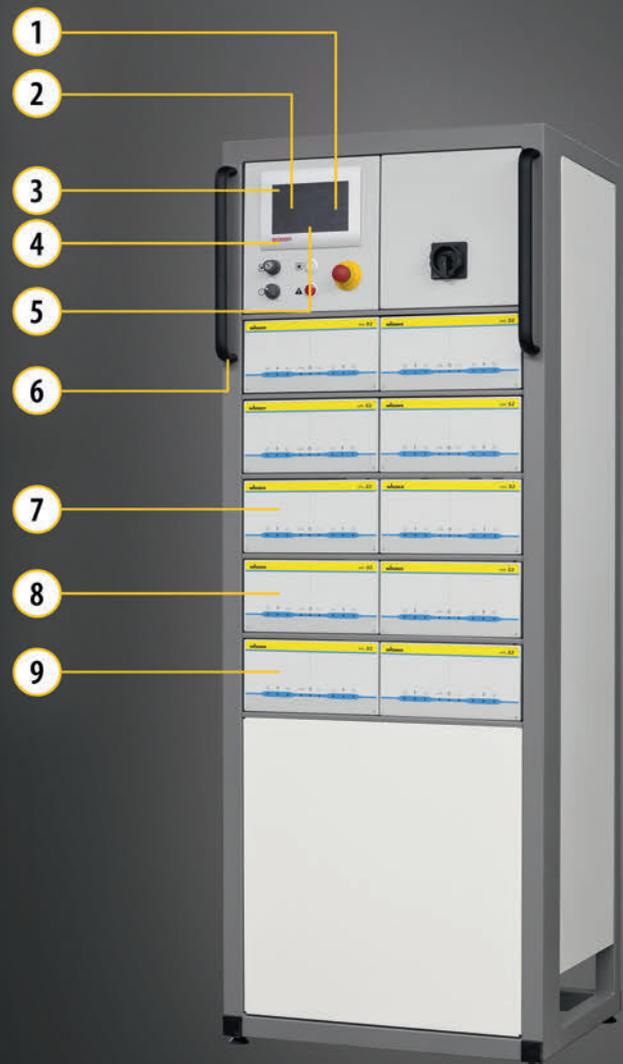
Quick and cost-saving installation and commissioning.

## 8. Compact design

Control of up to 20 automatic guns in one rack, 50% more than the competition.

## 9. High-performance products from the WAGNER portfolio

AFC control with EPG-S2, C4 guns, F1 or HiCoat injector for optimum coating results.



# SprayPackE

The SprayPackE is delivered completely mounted in a rack. The central operation is positioned at an ergonomic height. Protective brackets prevent damage during transport and later use.



## Technical data

Power supply	220/400 V 50/60 Hz
Net pressure	6-8 bar
In-connection	1"

## Special advantages

- Rack in modular design
- Slide-in slots for the central control MCE and the power module CPE
- 10 slots for EPG-S2 for the connection of max. 20 guns
- Integrated air maintenance module with digital mains pressure monitoring
- Very compact design for flexible positioning

## Included Items

- The scope of delivery is defined by the configuration required for the application. Normally all modules are completely mounted in the rack and are electrically and pneumatically connected to each other.
- MCE central control
- CPE Power module for power supply of the motion technology
- EPG-S2 gun control module

## Ordering information

- A configurator is available

## SprayPackE rack

The SprayPackE Rack is a base frame with 2 shelves for the MCE and CPE modules and can accommodate up to 10 EPG S2 control units. The two handles additionally protect the operating elements on the MCE and CPE modules. The rear panel can be removed for easy installation. The rack includes an integrated compressed air maintenance unit with digital pressure monitoring.



### Included Items

- Air distributor block, item no. 0263325
- Twelve straight threaded fittings, item no. 9992106
- Twelve blind plugs, item no. 9998201
- Ground cable assy., item no. 0264332

Product variants	Art.-No.
SprayPackE-Rack	2368913

## Control unit MCE

The all-in-one control unit MCE combines the control of up to 20 guns in 2 groups, a motion control of 2 horizontal and 2 vertical units each, as well as the gap and height control in one unit. In addition, up to 100 recipes can be stored on the intuitively operated control unit. In addition to the standard version, a version with integrated data module and IoT connection for remote diagnosis is available.



### Special advantages

- Central supply for the individual modules  
Easy connection
- Interlock with conveyor system  
No faulty coating
- Emergency stop switch  
Safety in the event of a malfunction

Product variants	Art.-No.
Control module MCE	2373526
Control module MCE Remote	2394086

## Control unit CPE

The WAGNER CPE ensures the energy distribution of the individual motion units. This module is also used to control the safety locking of the motion units. A standard version and a version with connection for a safety fence lock are available.



### Special advantages

- Connection of 8 additional guns  
Easy expansion

Product variants	Art.-No.
Control module CPE (Center Powder ECO)	2373527
Control module CPE (Center Powder ECO) for safety fence	2374695

## Gun control module EPG S2

The EPG S2 control unit is used for all WAGNER guns in an automated system. 2 guns may be connected and independently remote-controlled using the central control unit.



### Special advantages

- Fully electronic control unit for reproducible product quantity settings  
Storage and retrieval of programs with all coating parameters
- Closed loop AFC air flow controller  
Exact and reproducible settings and their precise output
- Controlling 2 guns  
Space-saving construction

### Included Items

- EPG S2 control unit for rack installation
- Power cable not included

Product variants	Art. No.
Controler EPG S2	2316991
Controler EPG S2 FM (US/C)	2343176

# Profitech M

The ProfiTech M control system is a standardized industrial control system with a comprehensive range of standard functions. Numerous interfaces ensure the integration of the system into the complete production process. Secure communication complies with industrial standards. The functional scope ranges from simple gun control to complex motion technologies to achieve coating results of the highest quality with efficient use of resources. Various controlling and monitoring functions allow for safe and reproducible coating operations.

## 1. Highly Efficient Coating

Whether simple gun control or complex motion technology with specific single functions for efficient coating processes - with ProfiTech M you achieve an efficient, safe, and reproducible coating operation.

## 2. Complete Control

The control unit EPG S2 allows the independent remote controlling of up to two guns per device using a complete CAN bus central control unit. The Closed Loop Airflow Technology ensures constant set values.

## 3. User Friendliness

The modern operating concept „Touch and Twist“ with touchscreen and turn-and-push knob ensures a central and flexible system control.

## 4. Customer Specific Flexibility

The comprehensive functional scope and the modular design with easy assembly and setup fulfill all your requirements.



# ProfiTech M

Thanks to its modular design and comprehensive functional range, the system delivers excellent coating results. The logical menu structure and the „Touch and Twist“ operating concept ensure efficient operation.



## Special advantages

- Modular system  
Simple installation and quick expansion options
- Centralized system operation  
Comfortable and efficient operation
- Graphic interface optimized for operation  
Simple and safe operation
- 1000 coating recipes with comprehensible logic  
Quick operation with repeatable results

## Included Items

- Depending on the system configuration, components are required in different quantities.
- Example of a typical configuration:
  - 1 MCM master control module with touchscreen for central system control
  - 1 CPS control cabinet for power distribution and signal interlock
  - EPG S2 for controlling the guns, installed in the rack
  - Movement technology with reciprocators and transfer carriage
  - Workpiece recognition via light strips
  - Connection cables and hoses
  - Powder cabins with powder recovery unit, booth control cabinet and powder supply system are added

## Ordering information

- Special configurators are available for the system configuration.

## Master Control Module MCM

The MCM is the central control and operation unit of the ProfiTech M for operating all functions of the peripheral system components. The modern „Touch and Twist“ operating concept ensures flexible operation.



### Special advantages

- Large 10.4" color touch screen with 4:3 ratio  
Centralized system operation with touch and twist concept
- Clear and concise menu structure  
Easy and efficient operation
- Special operator guidance for complex sequences.  
Safe operation of the system in the right sequence, for example for paint changes

### Included Items

- MCM control unit in housing
- 2 keys for the key switch
- Application software, maximum function

Product variants	Art. No.
MCM Master Control	2330000

## Control cabinet CPS

The CPS control cabinet ensures the power supply for various system components. Additionally, it serves as a signal interface to the MCM module and the peripheral components.



### Special advantages

- Central power supply for the connected components.  
Only one connection point
- Main components connect using plug and socket.  
Easy and reliable connection
- Compact design  
Space saving, does not require any specific installation site.

### Included Items

- CPS control, wall cabinet housing

Product variants	Art. No.
MCM CPS I/O Control	2330001

## Gun control module EPG S2

The EPG S2 control unit is used for all WAGNER guns in an automated system. 2 guns may be connected and independently remote-controlled using the central control unit.



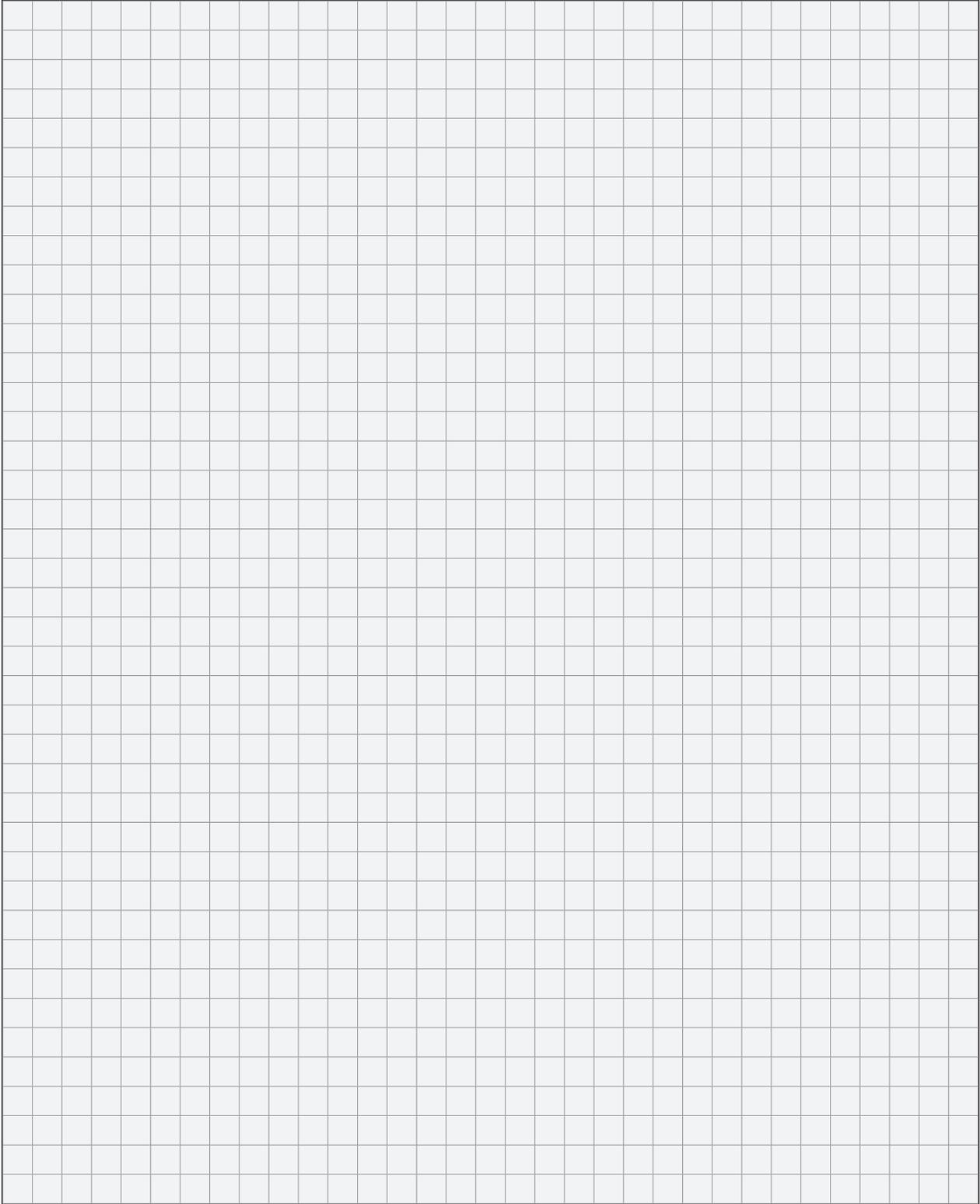
### Special advantages

- Fully electronic control unit for reproducible product quantity settings  
Storage and retrieval of programs with all coating parameters
- Closed loop AFC air flow controller  
Exact and reproducible settings and their precise output
- Controlling 2 guns  
Space-saving construction

### Included Items

- EPG S2 control unit for rack installation
- Power cable not included

Product variants	Art. No.
Controler EPG S2	2316991
Controler EPG S2 FM (US/C)	2343176



# ProfiTech S

The ProfiTech S control system is a customer specific designed system with standard function and individual special functions. The universal interfaces ensure the integration of the systems into the complete production process. Secure communication complies with industrial standards. The individual planning and design of these control systems ensure a degree of specific process reliability and high-level functionality.

## 1. Reliability

Integration of industrial control for PC or PLC based hardware. Touchscreen 9", 16:9 format - optional also with 12" and 15" (16:9).

## 2. Specific Interfaces

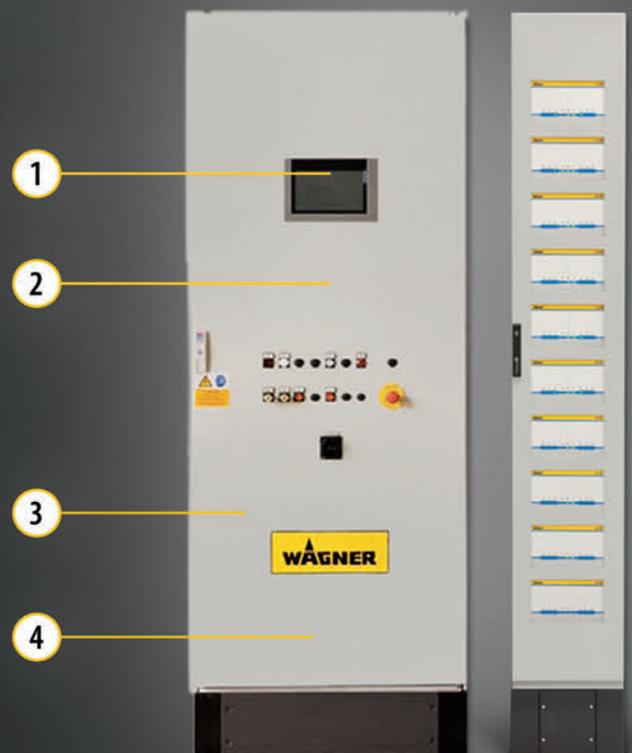
In addition to standard interfaces to other components, further specific data communication interfaces can be made available.

## 3. Cost-effectiveness and Performance

The partially modular design allows for cost-efficient and space-saving solutions. Precise control systems and specifically tailored software solutions that set an industry benchmark are used to achieve optimum coating performance and quality.

## 4. Flexibility and Automation

In addition to the comprehensive standard functional scope, customer specific requirements can be implemented.



# ProfiTech S

This control system is used to control customer-specific designed powder coating systems. It allows for the implementation of simple and complex control tasks to achieve maximum coating performance.

Technical data	
Input frequency	50 Hz
Protection class	IP 54



### Special advantages

- The controller consists of individual basic modules configured to meet specific customer requirements  
Fulfills all customer requirements at a good price/performance ratio
- Industrial control with PC or PLC operating systems  
Powerful, globally available system
- System operation via touchscreen  
Central, simple, intuitive control of all system components
- Links all control procedure equipment for powder coating with recipes, synchronized gap/height/depth control, 4D robotics and work piece sensors  
Maximum coating quality, efficiency, and automation

### Ordering information

- ProfiTech S control systems are planned separately.
- The WAGNER project department will quickly draft an offer upon request.

# Layer Check LC 1000

The Layer Check LC 1000 enables a non-contact measurement of the coating thickness of powder & liquid paint directly after application. This leads to reduced costs, optimised quality & process reliability.

- Considerable material savings, since unnecessary repeat coating is avoided. This results in significant cost savings and protects the environment.
- The quality control ensures that the workpieces are not undercoated, enabling the user to prevent rejects and system downtimes.
- Constant measurement ensures seamless logging during the coating process. The data can be used locally or transferred to a database.

## 1. Non-contact & non-destructive measurement

Patented technology (Advanced Thermal Optics) for non-contact and non-destructive layer thickness measurement at a distance of up to 50 cm <sup>\*\*</sup> from the workpiece. The measuring distance and measuring angle can vary.

## 2. Prompt corrections possible

Even with coatings that are still wet or have not yet been cured, the layer thickness can be determined and corrected if necessary.

## 3. Measurement during the coating process

For uninterrupted production, the measurement can be carried out while workpieces are moving through the coating system.

## 4. Workpieces with complex geometries

The Layer Check LC 1000 determines the layer thicknesses easily, even on workpieces with crooked surfaces, on insides and edges.

## 5. Different materials

Measurement of the layer thickness on metal, plastic, MDF, CFRP, glass and many other materials.

## 6. Suitable for nearly all paints

Suitable for your specific requirements with a one-off calibration.



# Layer Check LC 1000

Non-contact measurement of the coating thickness of powder & liquid paint directly after application. This leads to reduced costs, optimised quality & process reliability.



## Special advantages

- With powder coating, the layer thickness can be determined in good time before the curing process and readjusted as required. This allows material savings of up to 30% and also increases productivity.

## Ordering information

- The WAGNER sales department will quickly draft an offer upon request.

Technical Data	
Measuring distance	5 - 50 cm **
Measuring point	0.2 - 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	ja
External control	ja

\* dependent on distance / focal length

\*\* dependent on model, coating material, substrate material and layer thickness

\*\*\* dependent on energy settings

Product variants	Art. No.
Layer Check standalone, system with elevator	2388371

## Accessories - Controlling

WAGNER offers a comprehensive accessories range for control systems.  
Please select the components you require from this table.

● Compatible with one another

Spraypack E	Control units	Master Control Module MCM	Control cabinet CPS	Gun control module EPG S2	ProfiTech M	ProfiTech S
-------------	---------------	---------------------------	---------------------	---------------------------	-------------	-------------

Connector, coupling								
Hose clip d20-38 mm			●	●		●	●	9990224
Air hose								
Tube		●			●	●	●	9982078
Hose PEN 6/4 black		●				●	●	9982079
Hose PEN 8/5,5 rot		●			●	●	●	9982063
Hose PU 8/5,5 mm blue		●			●	●	●	9982062
Hose PEN 8/5,5 green		●						9982077
Hose rubber 37/25 mm yellow 20bar						●	●	3310114
Fixture								
Tube round aluminium d40x3 mm			●			●		3070646
Base clamp			●			●		3106681
Leg clamp piece			●			●		701305
Stand for peristaltic pump cabinet				●		●		3066838
BT-2R1 - Holder set for CML720 / CSL 710	●					●	●	2345087
BT-2L - Holder set for CML720 / CSL 710	●					●	●	2345085
BT-2Z - Holder set for CML720 / CSL 710	●					●	●	2345084
Assembly								
Profile rail, C								3054988
Tenon Block 8 St M5 antistat								3136285
Power cable								
Oelflex-5x6mm <sup>2</sup>			●	●				3125457
Encoder Connecting Cable M12 M/F 10meter	●			●				2396684
Encoder Connecting Cable M12 M/F 20meter	●			●				2396685
Encoder Connecting Cable M12 M/F 30meter	●			●				2336565
Main connection primatech				●	●			360263

## Accessories - Controlling

WAGNER offers a comprehensive accessories range for control systems.  
Please select the components you require from this table.

● Compatible with one another

Spraypack E	Control units	Master Control Module MCM	Control cabinet CPS	Gun control module EPG S2	ProfiTech M	ProfiTech S
-------------	---------------	---------------------------	---------------------	---------------------------	-------------	-------------

Sensor							
Light curtain CSL710 - 480/10	●						2373707
Light curtain CSL710 - 1120/10	●						2373947
Light curtain CSL710 - 470/20	●						2362643
Light curtain CSL710 - 950/20	●						2365077
Light curtain CSL710 - 1590/20	●						2390904
Light curtain CSL710 - 1910/20	●						2372502
Light curtain CSL710 - 2390/20	●						2388755
Light curtain CML720 - 1910/20 CANopen					●	●	2348076
Light curtain CML720 - 160/05 CANopen					●	●	2348067
Light curtain CML720 - 480/10 CANopen					●	●	2348068
Light curtain CML720 - 1600/10 CANopen					●	●	2348069
Light curtain CML720 - 2240/10 CANopen					●	●	2352841
Light curtain CML720 - 2400/10 CANopen					●	●	2352842
Light curtain CML720 - 310/20 CANopen					●	●	2348070
Light curtain CML720 - 470/20 CANopen					●	●	2348071
Light curtain CML720 - 630/20 CANopen					●	●	2348072
Light curtain CML720 - 950/20 CANopen					●	●	2348073
Light curtain CML720 - 1270/20 CANopen					●	●	2348074
Light curtain CML720 - 1590/20 CANopen					●	●	2348075
Light curtain CML720 - 2230/20 CANopen					●	●	2348077
Light curtain CML720 - 2550/20 CANopen					●	●	2348078
Light curtain CML720 - 2870/20 CANopen					●	●	2348079
Light curtain CML720 - 610/40 CANopen					●	●	2348080
Light curtain CML720 - 930/40 CANopen					●	●	2348081
Light curtain CML720 - 1250/40 CANopen					●	●	2348082
Light curtain CML720 - 1570/40 CANopen					●	●	2348083
Light curtain CML720 - 1890/40 CANopen					●	●	2348084
Light curtain CML720 - 2210/40 CANopen					●	●	2348085
Light curtain CML720 - 2530/40 CANopen					●	●	2348086
Light curtain CML720 - 2850/40 CANopen					●	●	2348087
Connection cable M12, 5-polig, 2m	●						2320129
Connection cable M12, 8-polig, 2m	●						2335595
Connection cable M12, 8-polig, 10m	●						2396684
Connection cable M12, 8-polig, 10m	●						2396685

Extension and control cables							
Mains cable + Stak 200 CH	●						241271
Mains cable Japan	●						264625
Mains cable Europa	●						241270
Mains cable USA	●						264626
Grounding cable Japan	●						236219

## Accessories - Controlling

WAGNER offers a comprehensive accessories range for control systems.  
Please select the components you require from this table.

● Compatible with one another

Spraypack E	Control units	Master Control Module MCM	Control cabinet CPS	Gun control module EPG S2	ProfiTech M	ProfiTech S
-------------	---------------	---------------------------	---------------------	---------------------------	-------------	-------------

Other accessories							
MCM Cable Set 10M		●	●				2330002
mGuard rs2000 TX/TX VPN 550		●			●		2322358
Installation set MCM- mGuard		●			●		2340037
M12 cable m/f straight, 8x0,25 yellow 2m			●		●		2333387
Support for hollow encoder cpl.			●		●		2335512
CAN Bus Terminator Female M12 5pol			●				2338042
Profitech M - SFM2 Protection door modul			●		●		2342292
Plug for safety doors			●		●		2342305
Main switch 3 phase, 11,5 kW			●		●		2331260
Encoder hollow shaft 24V/DC, 100p. EX			●		●		2335582
CAN Buscable 5.0 Meter			●	●	●		2320129
CAN Buscable 10.0 Meter			●	●	●		2320130
M12 cable m/f straight, 8x0,25 yellow 5m			●		●		2333388
M12 cable m/f straight 8x0,25 yellow 10m			●		●		2333389
M12 cable m/f straight 8x0,25 yellow 20m			●		●		2333390
Door switch PSEN code, set			●		●		2333441
Adhesive film numbers 1-32				●	●		2321744
Connection Set EPG S2				●			2321529
CAN Buscable 0.6 Meter				●	●		2320127
CAN Buscable 2.0 Meter				●	●		2320128
CAN Bus Terminator Male M12 5pol				●			2321402
Rack EPG S2 assy.				●	●	●	2328670
Carrier plate EPG S2				●	●	●	2328668
Cover plate for EPG S2 rack				●	●	●	2328669
Controler EPG S2					●	●	2316991
Connection cable for CML720 R/T - 5m					●	●	2345082
Y- Connection cable for CML720 - CAN					●	●	2345083
Manifold Exact12 4xM12					●	●	2345173
Ethernet cable M12-RJ45, 3m	●						2355059
Ethernet cable M12-RJ45, 5m	●						2373612
Ethernet cable M12-RJ45, 20m	●						2331659
Ethernet cable M12-RJ45, 40m	●						2391315
Valve connector for pressurized air	●						2395173
Jumper plugs pressure sensor	●						2339373
Connection cable for 0,25mm <sup>2</sup> , 10m	●						2396684
Connection cable for 0,25mm <sup>2</sup> , 20m	●						2396685
Connection cable for 0,5mm <sup>2</sup> , 30m	●						2336565

## Accessories - Controlling

WAGNER offers a comprehensive accessories range for control systems.  
Please select the components you require from this table.

● Compatible with one another

Spraypack E	Control units	Master Control Module MCM	Control cabinet CPS	Gun control module EPG S2	ProfiTech M	ProfiTech S
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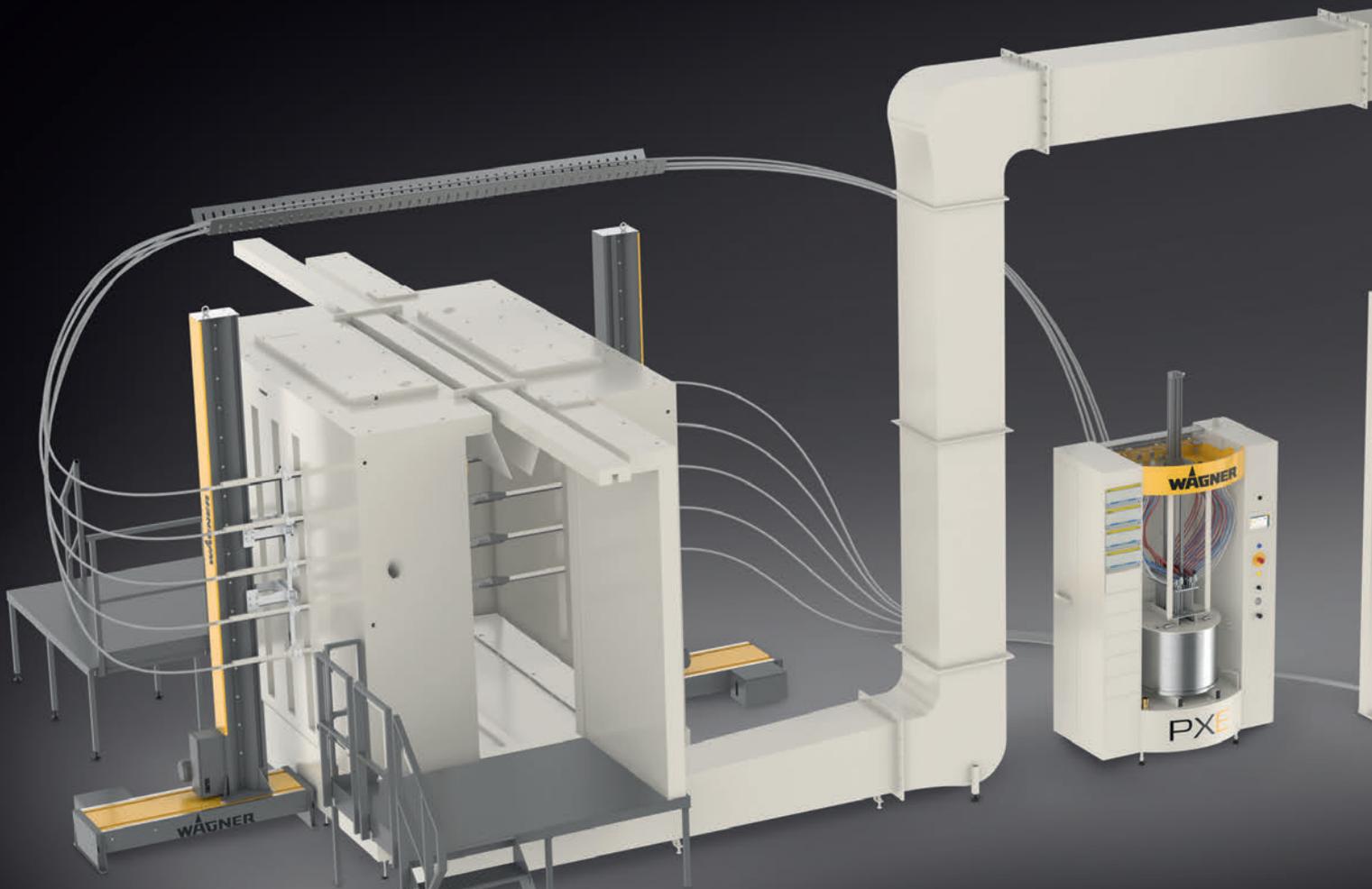
MCE Components							
MCE-CPE locking shorting plug	●						2342305
CAN-Bus terminating plug	●						2321402
MCE-CPE locking, 2m	●						2335595
Locking connector powder center M12, 5 pol.	●						2339373
Power cable MCE Europe	●						241270
Power cable MCE CH	●						241271
Power cable MCE USA	●						264626
Power cable MCE Japan	●						264625
Grounding cable for Japan	●						236219

CPE Components							
Power loop cable CPE-MCE	●						241269
Connecting cable MCE-CPE	●						2335595
Door switch Pilz Typ 541009	●						2333441
Connecting cable M12 socket/plug 8x0,25, yellow, 2m	●						2333387
Connecting cable M12 socket/plug 8x0,25, yellow, 5m	●						2333388
Connecting cable M12 socket/plug 8x0,25, yellow, 10m	●						2333389
Connecting cable M12 socket/plug 8x0,25, yellow, 20m	●						2333390

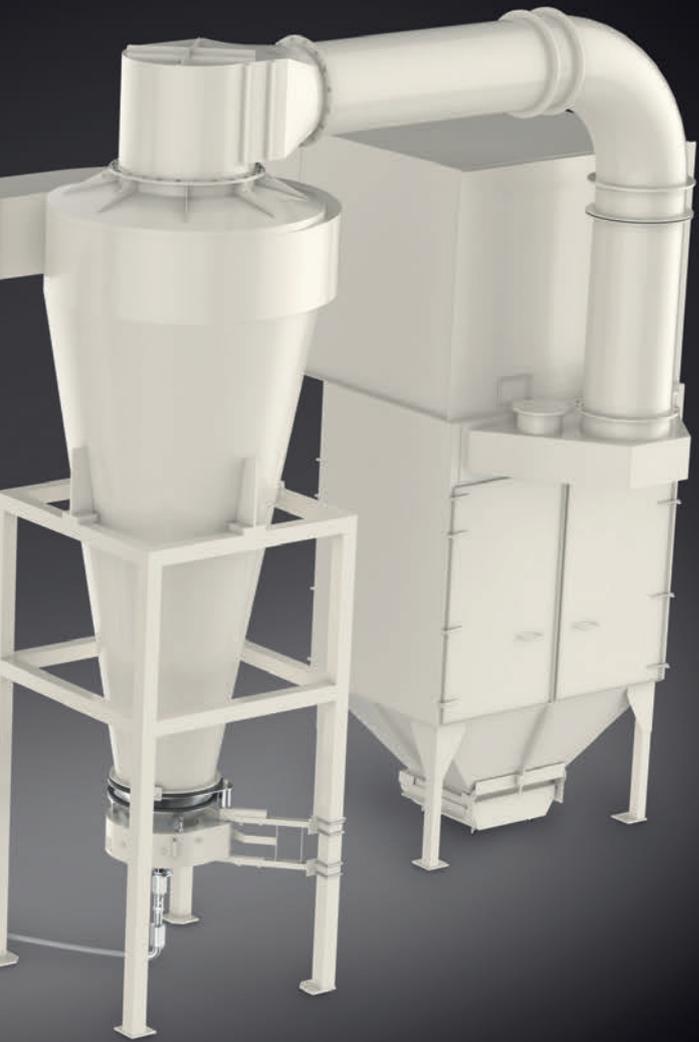
Rack							
Rack	●						2368913
Blind plates EPG	●						2395107
Blind plates CPE	●						2395106

Spraypack manual EPG-Sprint							
Spray Set PEM-X1 with console	●						2313689
Rremote cable EPG-Sprint X	●						2335605

# Our best standards ensure an immediate start.



WAGNER complete systems and packages include high quality components, which are also used for complex customer specific systems. This is essential for excellent coating results. Standardization and intelligent modular concepts allow for customer specific adaptation.



## Complete system



E-Line system

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# E-Line system

The WAGNER E-Line application solution offers the best quality and combines all WAGNER components in one economic coating system. With this highly efficient system, you will benefit from high process reliability with consistent results. Optimal application results guaranteed with our high-quality key components: Powerful PEA C4 automatic guns, precise EPG S2 modules and an accurate moving system. Best airflow & highest transfer efficiency thanks to the special PVC booth construction and optimized inner geometry. Side ducts enable maximum application efficiency. Low investment cost with the entry level PXE powder center with an excellent price-performance ratio.

## 1. Fast color change

Plastic booth with PVC sandwich construction allows a quick color change powder will not stick on the walls and the floor is automatically cleaned.

## 2. Maximum coating efficiency and productivity

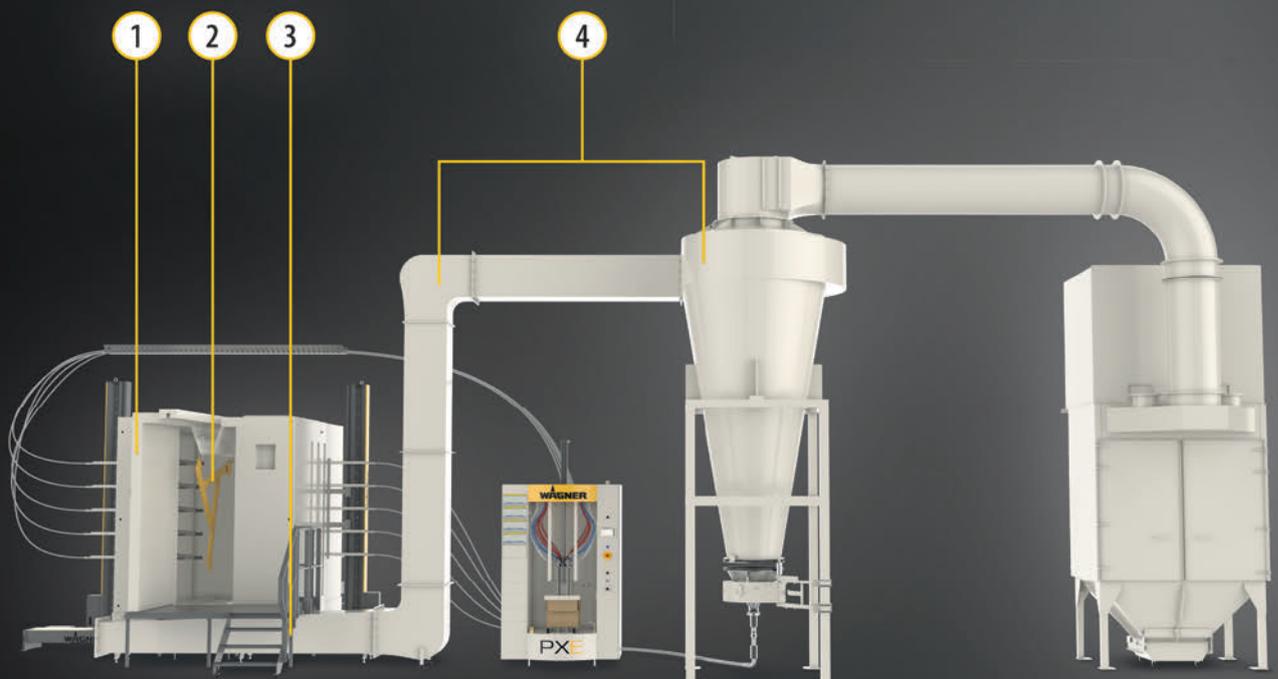
Premium application equipment enables maximum coating efficiency and high surface quality.

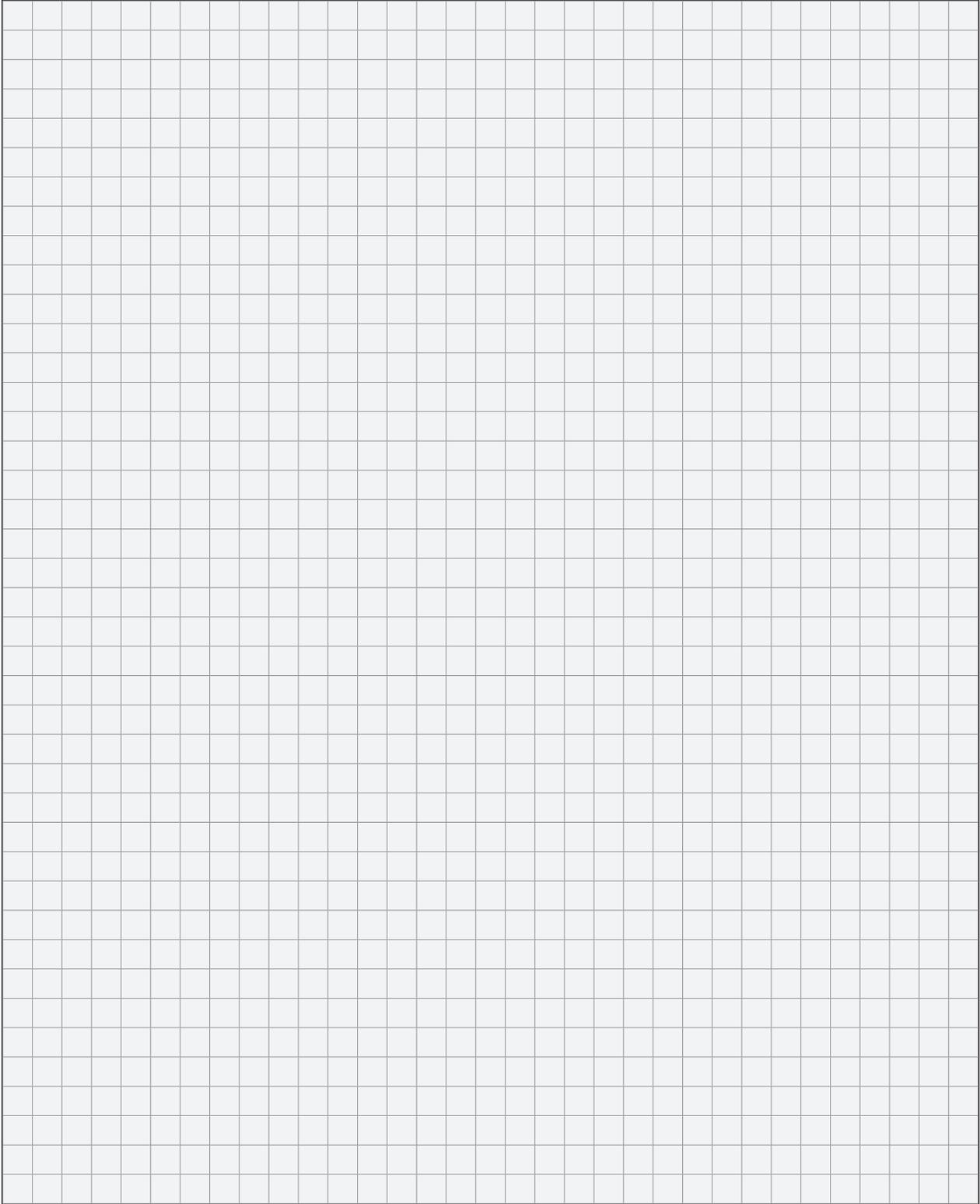
## 3. Increased coating quality

The WAGNER booth design with the double-pipe suction ducts allows a smooth powder cloud during the coating process, a high transfer efficiency and a clean working environment.

## 4. Energie Efficiency Package EEP

Minimal energy consumption thanks to innovative biomimicry ducts and a newly developed cyclone, which can increase the extraction capacity and reduce energy consumption.





## E-Line 13000

The E-Line application solution includes all relevant components for the automatic coating process. This efficient and innovative coating solution ensures high process stability and constant results.



### Included Items

- Booth housing made of 100mm PVC sandwich walls
- Up to 3 gun slots per side (depending on configuration)
- pre- and postcoating platform (depending on configuration)
- Max. work piece dimensions 1.400 x 600 mm or 2.000 x 400 mm
- Monocyclone with final filter 13.000 Nm<sup>3</sup>/h
- Controller for final filter
- Peristaltic pump
- PXE powder center with All-In-One control
- Premium application equipment with EPG S2 controllers
- PEM X1 manual spray set
- Moving units (depending on configuration)
- Powder and air hoses
- Assembly material

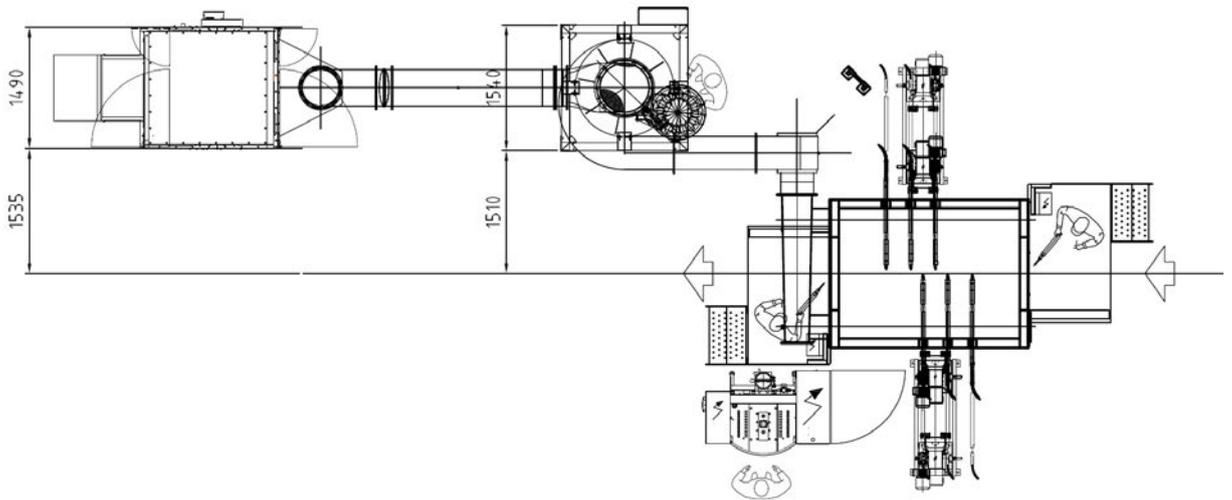
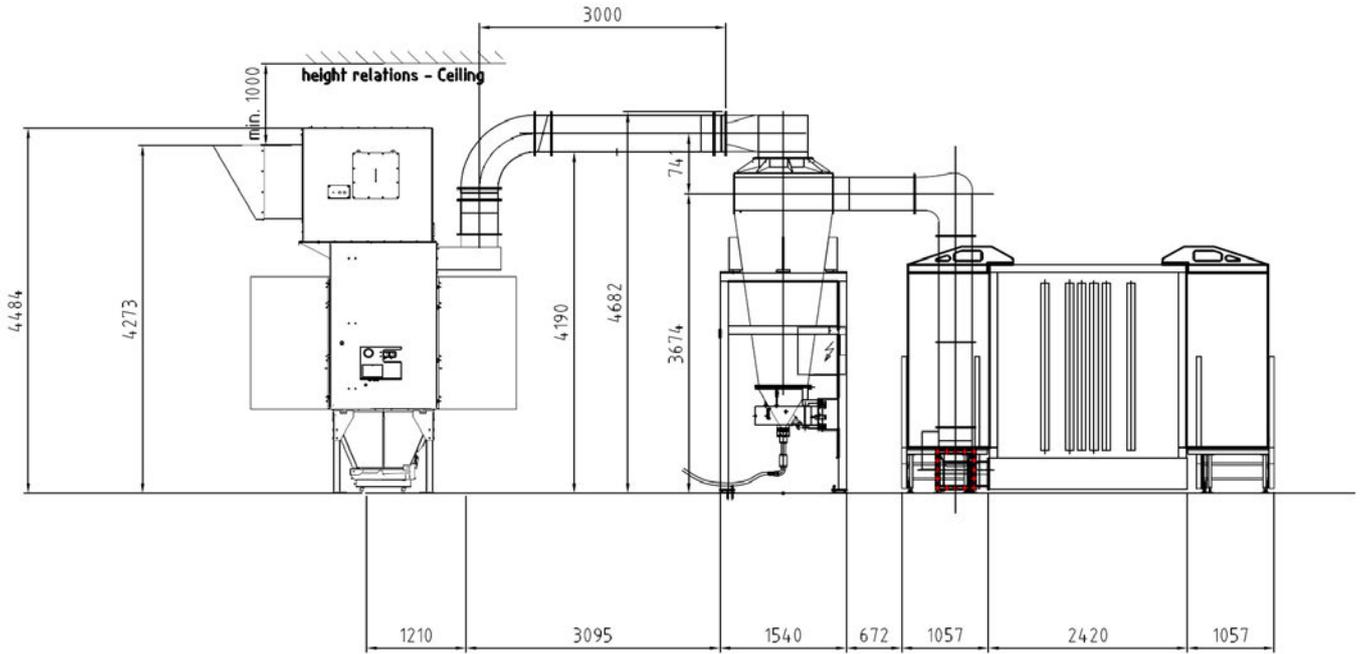
### Ordering information

- The E-Line solution contains all components and assembly material for installing a complete powder coating system.
- The arrangement of the components is a result of the standardized layout
- This solution is available in versions with various numbers of guns and gun arrangements.
- The appropriate model is selected based on the work piece dimensions, work piece geometry, and conveyor speed.
- WAGNER provides various design tools for determining the appropriate available version.

### Technical data

Fan motor power	15 kW
Total power consumption	18.5 kW
Min. compressed air hose cross section	25,40 mm, 1 in.
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Three-phase current connection	220–240 / 380–420 V, 50 Hz
Suction capacity, exhaust	13000 m <sup>3</sup> /h

# E-Line 13000



## E-Line 17000

The E-Line application solution includes all relevant components for the automatic coating process. This efficient and innovative coating solution ensures high process stability and constant results.



### Included Items

- Booth housing made of 100mm PVC sandwich walls
- Up to 3 gun slots per side (depending on configuration)
- Pre- and postcoating platform (depending on configuration)
- Max. work piece dimensions up to 2.000 x 800 mm
- Monocyclone with final filter 17.000 Nm<sup>3</sup>/h
- Controller for final filter
- Peristaltic pump
- PXE powder center with All-In-One control
- Premium application equipment with EPG S2 controllers
- PEM X1 manual spray set
- Moving units (depending on configuration)
- Powder and air hoses
- Assembly material

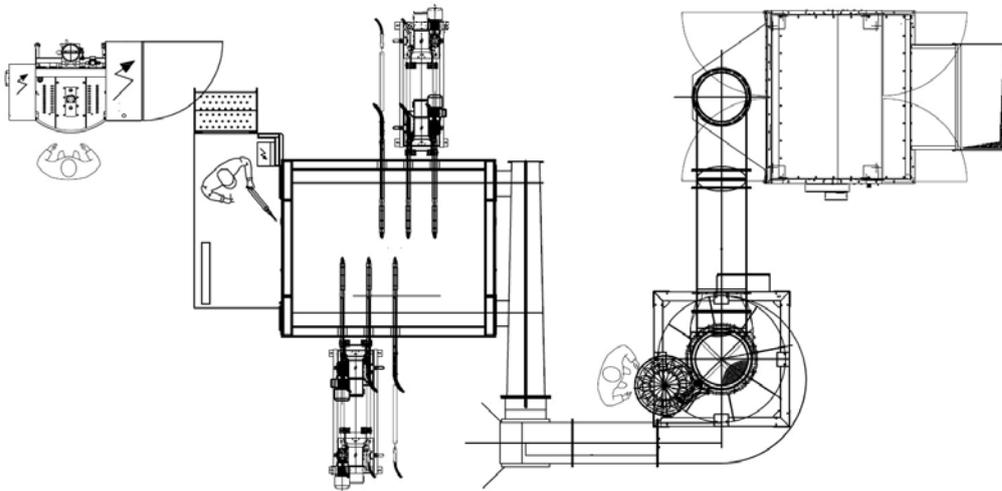
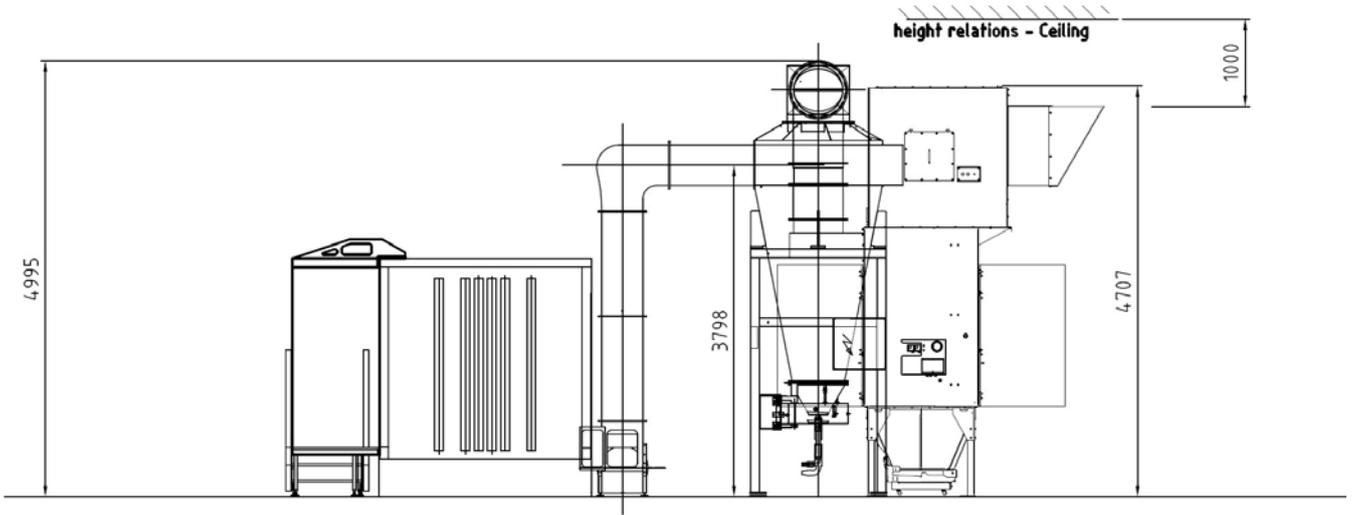
### Ordering information

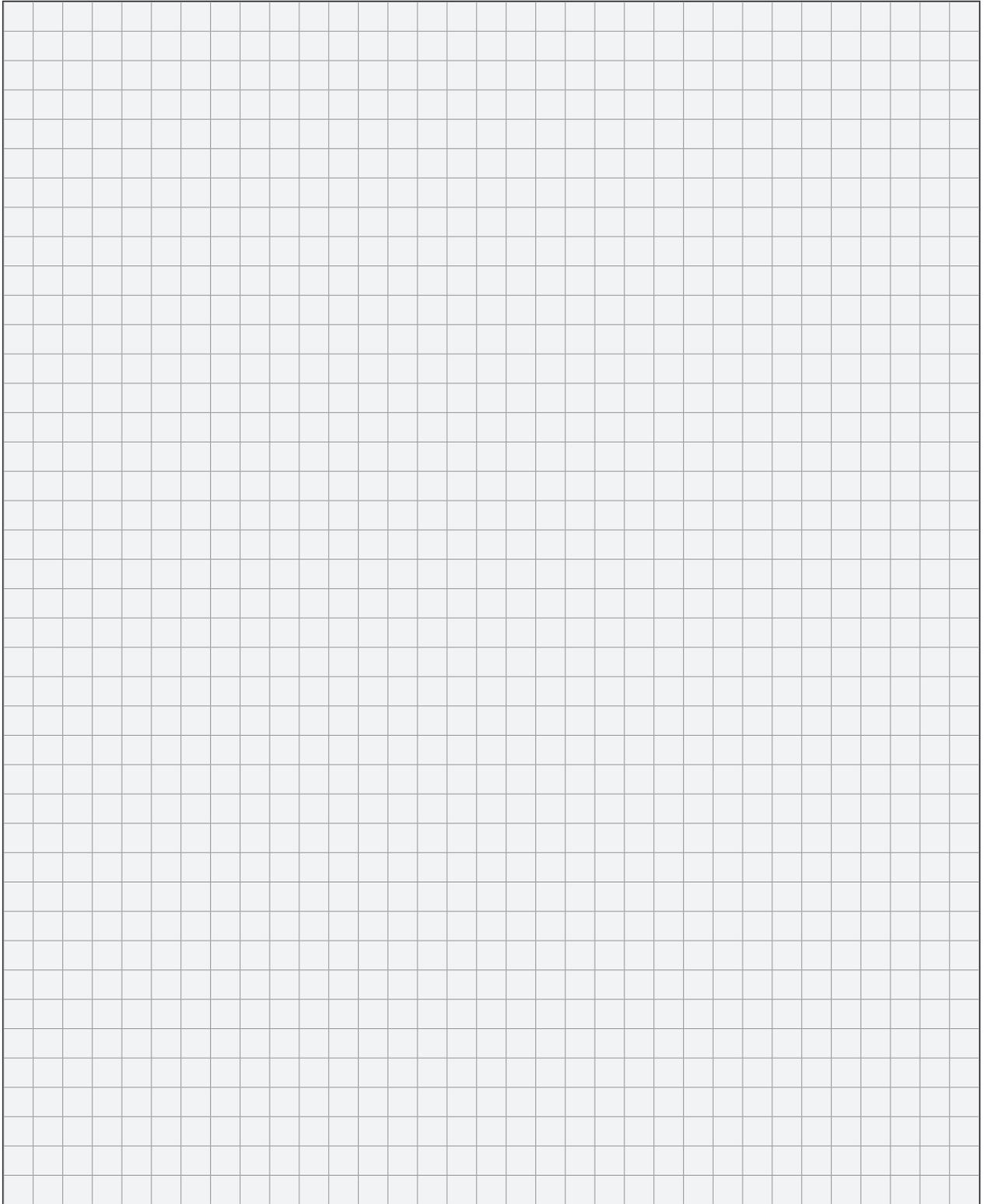
- The E-Line solution contains all components and assembly material for installing a complete powder coating system.
- The arrangement of the components is a result of the standardized layout
- This solution is available in versions with various numbers of guns and gun arrangements.
- The appropriate model is selected based on the work piece dimensions, work piece geometry, and conveyor speed.
- WAGNER provides various design tools for determining the appropriate available version.

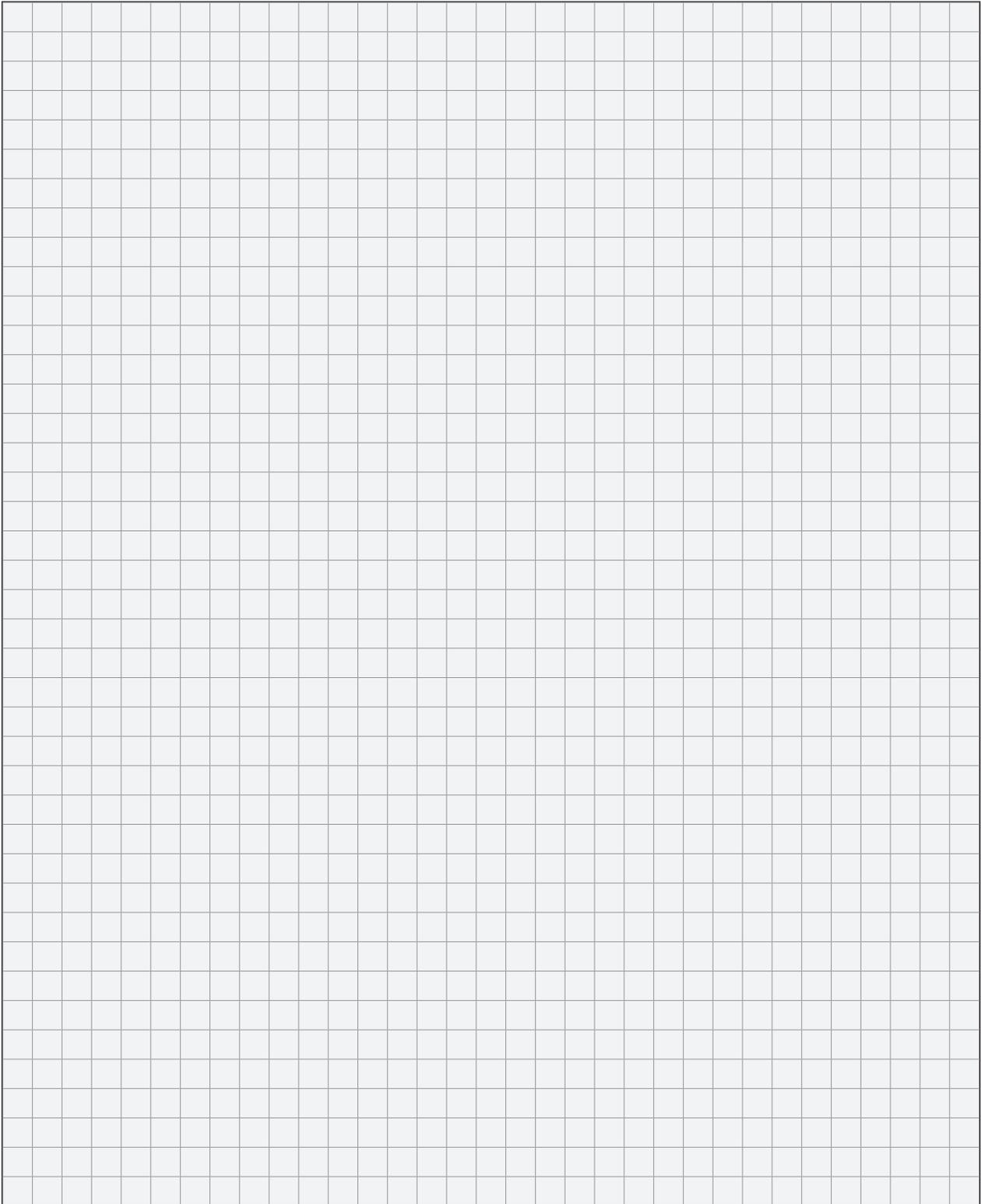
### Technical data

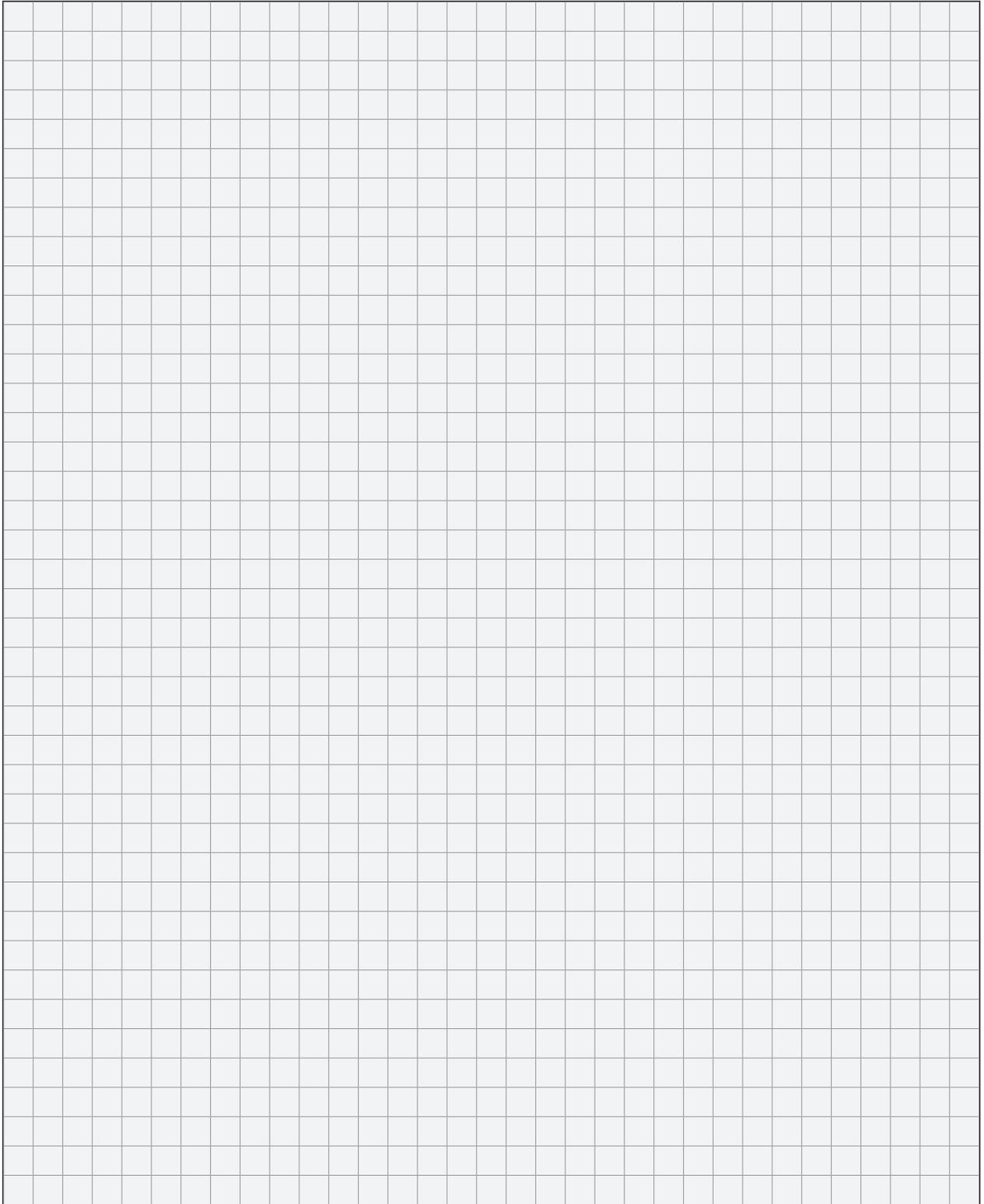
Fan motor power	20 kW
Total power consumption	22 kW
Min. compressed air hose cross section	25,40 mm, 1 in.
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Three-phase current connection	220–240 / 380–420 V, 50 Hz
Suction capacity, exhaust	17000 m <sup>3</sup> /h

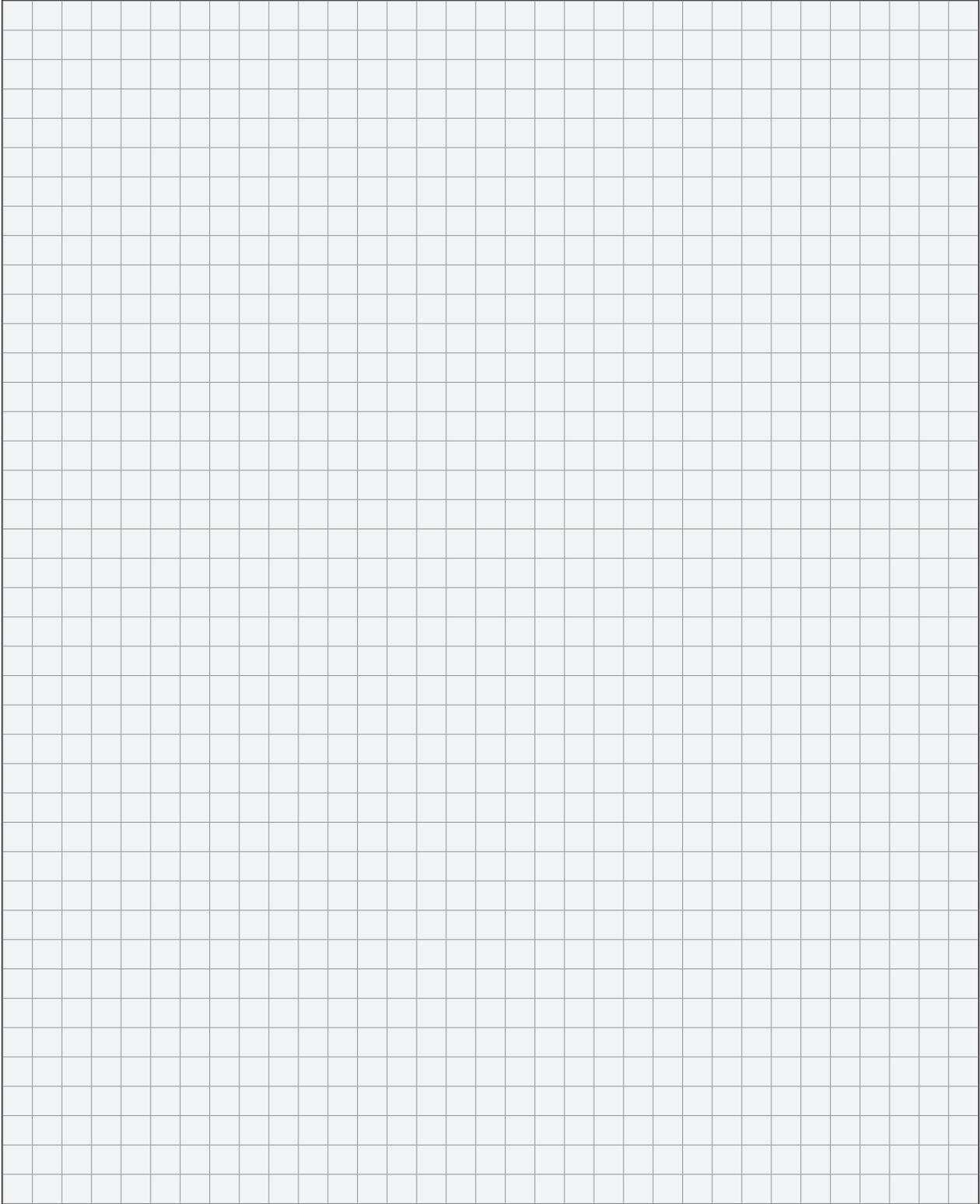
# E-Line 17000

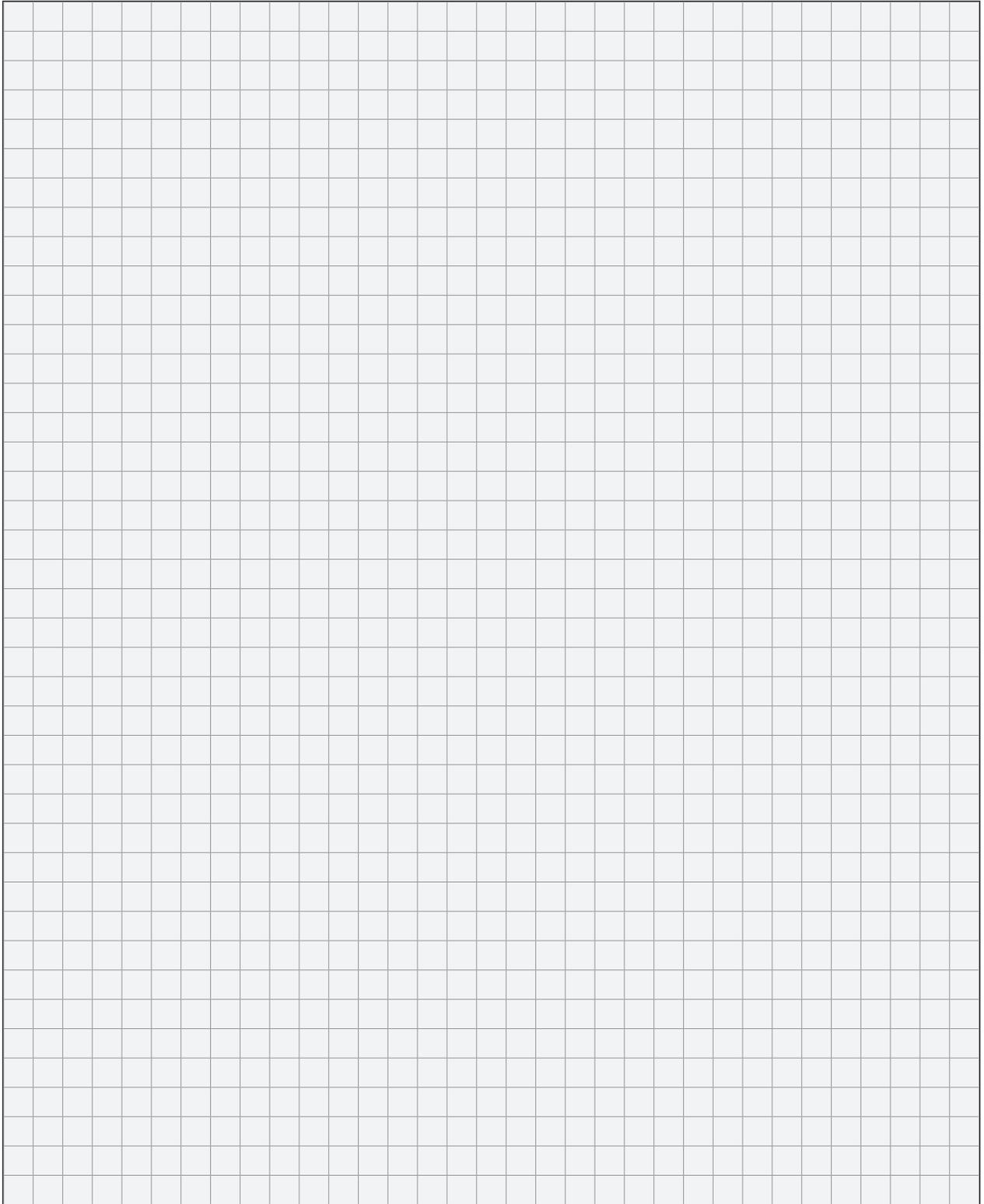














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