



Performance through **flexibility.**

WAGNER PXM
powder centers

www.wagner-group.com

Modular concept.
Individual configuration.
Simple operation.



Powder supply for all cases

WAGNER PXM powder centers – customer-tailored powder supply.

- Efficient and reliable color changes
- Fresh powder supply as required
- Optimum powder preparation and delivery



WAGNER offers devices, equipment and systems for all areas of industrial surface coating. Our innovative products and solutions stand out in terms of their quality, efficiency and productivity.

WAGNER PXM powder centers are individually configurable powder centers for highly diverse applications. They form the core of an automatic powder coating system by WAGNER. Through their flexibility, they fulfil very different requirements and tasks. For excellent coating results.

- Select between manual or automatic fresh powder supply, powder conditioning e.g. through ultrasonic screens.
- Continuous delivery to the guns and fast color change.
- Modular concepts for absolute flexibility.
- Intuitive operation via the color touchscreen ensures repeatability in all coating tasks.



Accessible for easy handling

Everything at a glance and everything under control. With the WAGNER PXM, fast color changes are possible. Clean surroundings optimize the result.



High-performance capacity

Up to 22 injectors convey the powder from the fluid tank. 34 injectors are optionally possible. Delivery directly from the box is possible with up to 20 injectors.



Powder level check

Manual or automatic regulation of the powder level. The check takes place in two levels via a warning level and a minimum level.



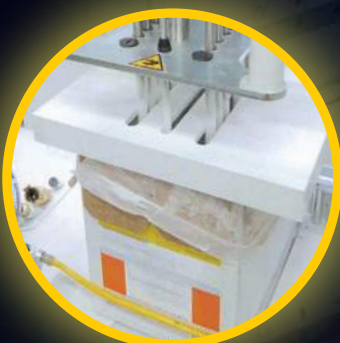
Reliable color change

Fast menu-controlled color change. Short color change times through the blowing out and automatic wiping of the suction tubes.



Independent and flexible

The PXM remains independent due to the integrated filter suction. It can be flexibly integrated into systems. Alternatively, it can be coupled to a post-filter.



A clean result

The high coating quality is ensured through a clean work area. Dust leakage out of the box or fluid tanks is minimized through covers.

Clearly organized, simple, safe

All the function elements are integrated in a well-organized and compact manner in the WAGNER PXM solution - right where they are required.

Compact gun control system

Space-saving layout of the gun control modules. Short hoses to the injectors permit fast reaction times.

Integrated fresh powder supply

High coating quality through interruption-free operation.

Compact switch cabinet with touchscreen

Intuitive, easy control via an ergonomic, expediently placed touchscreen.

Integrated vibrating table

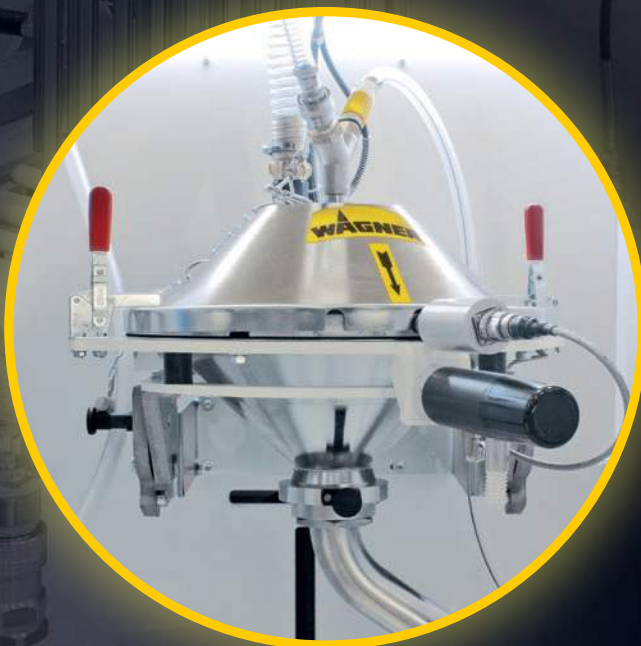
Optimum and flexible powder preparation for boxes and/or containers.

Integrated cleaning modules

Quick and reliable color changes through good visibility and high-performance blow-out units.

Ultrasonic screen technology

Maximum coating quality can be ensured via the integration of an ultrasonic screen.



All functions at a glance

The logical menu on the WAGNER PXM is comprehensibly supported through active function graphics. Control becomes child's play.



Clear menu structure with clear pictograms

- Header with system status
- Right-hand menu bar
- Dynamic function bars along the bottom
- Graphic visualization area

- 1 Graphic elements with touch function
- 2 Color coding of the buttons and elements
- 3 Function bar, graphically illustrated, with direct functions
- 4 Language selection
- 5 Symbol keys
- 6 Manual / automatic operation
- 7 Menu bar with graphic symbols

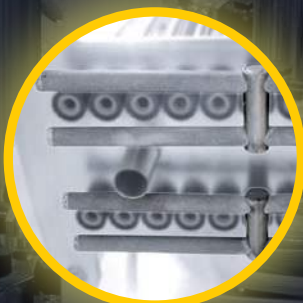
Here all requests can be fulfilled

The modularity of and accessories for the WAGNER PXM provide all possibilities for maximum efficiency.



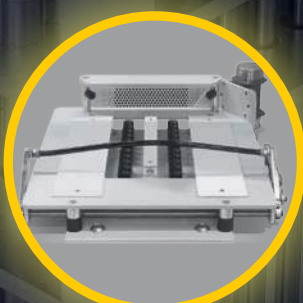
Injector set PI-F1 or HiCoat-ED

Both are possible: Universal-fit injectors PI-F1 or, for a maximum application effect, the high-performance HiCoat-ED injectors.



Fluidizing unit for box

The powder supply for the guns can be conducted directly from the powder box using the fluidizing system in order to save time.



Vibrating table for packaging

The vibrating table ensures optimum preparation and good delivery of the powder from the box or container. This is also the case for powder with difficult fluid properties.



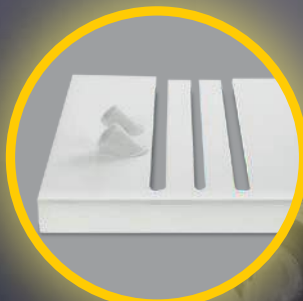
Fresh powder supply with IP5000

The automatic fresh powder supply permits interruption-free operation.



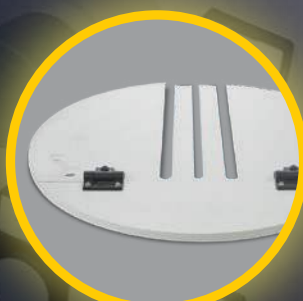
Integrated ultrasonic screen

Maximum coating quality is achieved through an integrated ultrasonic screen with high screen performance and high debris removal.



Box cover

A specially-developed box cover minimizes dust leakage.



Container cover

A specially-developed container lid for the fluid tank minimizes dust leakage. Powder can simply be manually refilled via the flap.

The PXM modular system

Customized configuration.

The configuration, which is individually aligned to the user and which consists of the basic module and the extension module, permits maximum flexibility in system planning. Subsequent retrofitting of extension modules is also possible.

Configuration	PXM 20/22	PXM 34	Accessories / variants
Number of injectors	20 from box 22 from container	34 from container	Cover available for cart box and container
Operation PXM	7" touchscreen	7" touchscreen	
Control PXM	•	•	
Control Application / Booth integrated	On request, external touchscreen	On request, external touchscreen	ProfiTech M ProfiTech S
Recovery unit by integrated filter IF	•	•	4,000 m³/h
Recovery by connection to final filter FF	•	•	1,000 m³/h additional suction capacity at final filter to be considered
Vibration table for gun supply box / container	•	•	Necessary when planned to feed out of the box
Fluidizing unit to feed out of the box	•	•	Necessary when planned to feed out of the box
Ultrasonic sieving unit	•	On request	Clip-on sieve frame 200 µm, 160 µm
Fresh powder supply IP 5000 integrated	•	•	
Fresh powder supply WAGNER BigBag	•	•	Using IP 5000 for powder transfer

• Standard • Option • Not possible

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