WAGNER

PXS Powder Center

AFC Technology — closed loop — high standard

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

PXS powder centers are the reference for high coating quality thanks to efficient components and control in single and multi-color systems. The compact design allows space-saving and ergonomic integration into the individual working environment. Optionally, with the WICOS control and operating system, the complete application and booth control can be integrated centrally via a 15.6" touchscreen. Existing coating lines can also be retrofitted with the PXS.

Thanks to the wide range of functions, which enable a high degree of automation and efficient powder application, PXS powder centers are particularly suitable for demanding coating tasks.

WICOS

WAGNER **COATIFY** READY
COATIFY.NET

MES READY

Easy operation & repeatable color changes

- Clear and concise visualizations on the touch screen
- Intuitive user guidance and high process reliability

Optimum powder preparation for best coating results

- Short suction distances
- Working container with fluidization and vibration
- Ultrasonic sieve integrated in the container (optional)

Highly efficient processes & minimum powder consumption

- Automatic fresh powder supply for uninterrupted operation
- Possibility for an additional fresh powder station
- Automatic changeover from loss to recovery operation
- Integrated powder consumption documentation
- Optimized cleaning functions

Constant coating quality thanks to easy service

- Powerful powder injectors
- Quick-release fastener for fast change of the collector nozzle
- Integrated service plan
- Flowsense optionally available

Documentation & further processing

- Optional: Connection to IoT platform COATIFY for reliable productivity monitoring
- Interfaces to WAGNER DataHub / MES

Versions

Configuration	PXS 26	PXS 36	Accessories / variants
Max. number of injectors	26	36	PI-PXS / PI-PXS HiCoat
Powder container	Fluidization & vibration		
Powder level monitoring	Minimum / working level / overfilling		
Operation	15.6" touchscreen		
WICOS 15.6" all-in-one system control	●		
PXS control stand-alone	□		
Extraction through after-filter	●		Takes into account 1,000 m^3/h additional suction power during post-filtering in coating mode
Fresh powder supply	1 box (standard), 2 boxes (optional) 1 fluidized container (optional) 1 external WAGNER BigBag (optional)		Fluidized container, WAGNER BigBag with 1x or 2x IP 5000
Vibrating table for fresh powder box	●		
Fluidization for fresh powder	●		Fluidized fresh powder lance
WAGNER „Cool Sieve" ultrasonic sieve	□		Replacement sieves 200 μm, 160 μm
Powder consumption measurement	●		
Flowsense powder quantity control	□		

● Standard □ Optional

Application examples

Segment fit	Customer application criteria	Solution contribution
Household appliances, automotive industry, agricultural & construction machinery, fences, radiators	1 main color, few other colors	System designed for color changes including integrated BigBag interface
Office furniture, architecture	Highest coating quality & fast color change	Best powder conditioning through fluidized and vibrated container & ultrasonic sieve
Agricultural & construction machinery, transportation, metal enclosures	Many guns and color changes	Version with up to 36 injectors available
Metal furniture, metal products	Frequent color changes	Color change optimized overall concept, step-by-step user guidance makes color change easier
Automotive industry, household appliances	Highest coating quality with single color application	Ultrasonic sieve for highest coating quality, separate BigBag connection available
Wood, MDF	Complex powder applications	Fluidized and vibrated powder hopper, fluidized fresh powder lance
Automotive industry, architecture, household appliances	Quality management	Documentation of powder consumption data and other process parameters

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