

The next generation of powder coating.

A new dimension of system availability, productivity and user-friendliness with unique technology.

The IPS coating center is an innovative complete solution that achieves consistently high coating results over a much longer period of time than conventional powder centers on the market.

4 in 1: Powder preparation, feeding, dosing and color change are accommodated in a closed and fully automated system, that enables decisive improvements in the powder coating process.



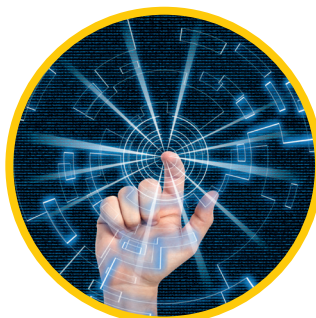
Increase your productivity

- Intelligent fresh powder system
- Quick color change at the push of a button
- Perfect cleaning results, independent of the color



Maximize your coating quality

- State-of-the-art powder preparation
- Constant feeding conditions with stable powder output
- Clean working environment



Secure your process

- High-performance system with low service costs
- High degree of automation
- Central control of all process steps

A revolutionary solution for your coating requirements

The integrated powder system (IPS) enables increased productivity, consistent high quality, simple operation and constantly short color change times. In combination with an automatic powder booth, powder recovery system, guns and other components, a fully automated powder coating system can be configured with the IPS. The ideal solution for long and short production runs.

Higher system availability

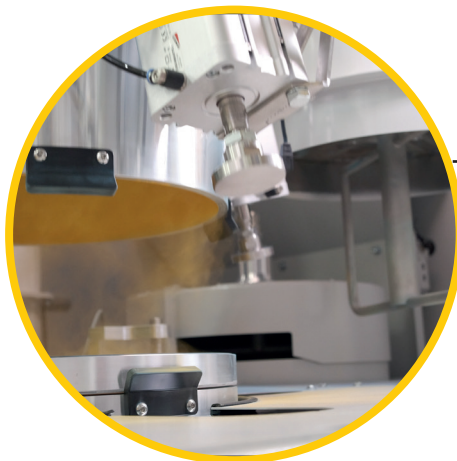
Intelligent fresh powder supply: The SMART BOXER can hold two powder boxes and automatically switches between the two boxes for a continuous powder supply. The higher autonomy prevents system downtimes due to powder shortage.

Documentation of powder consumption

Integrated sensors allow automatic recording of powder consumption for each coating batch. This enables optimized cost calculation and quality monitoring.

Simple operation

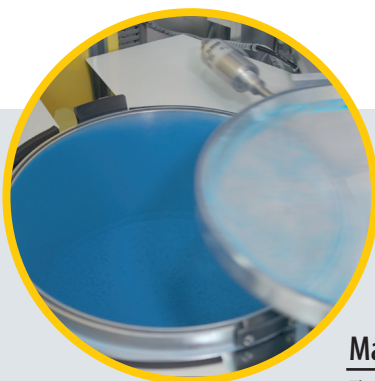
The intuitive touch screen which can be easily positioned enables fast familiarization even with frequent personnel changes. The easy user guidance increases productivity.



Color change - easier than ever

Color changes at the touch of a button, fast and reproducible, lead to higher productivity. Thanks to a fully automatic cleaning process with Airblade technology and pulse cleaning, as well as selectable cleaning intensity, highest quality can be achieved.

IPS Coating Center



Maximum coating quality

The IPS MASTER integrates powder preparation, feeding and dosing in a closed system which contributes to a clean working environment. State-of-the-art powder preparation with ultrasonic sieving for fresh and recovered powder, together with a vibrated and fluidized container lead to maximum coating quality.

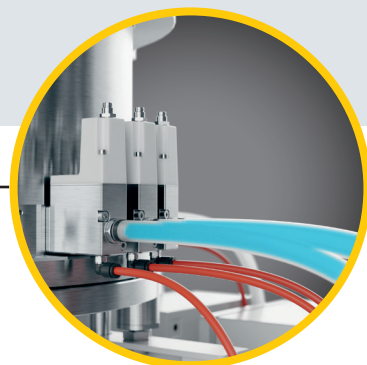


Less wear & service costs

The innovative addition of fresh and recovery powder without kinetic energy (Soft Flow Feeding) enables a gentle introduction of the powder into the fluid container. This significantly reduces wear and maintenance costs.

Patented Smart Feeding Technology

The powder feeding, with the aid of recovered fluid air, a container with overpressure and an electronically controlled dosing valve with monitoring sensors results in a high-performance powder feeding and dosing system. An exact powder dosage of up to 400 g per gun is possible.



High process reliability

The quantity of powder applied is permanently monitored by sensors. This leads to a uniformly high powder output even with powder hose lengths of up to 30 meters.



Extended functions

Control platform WAGNER System Control (WSC)

IPS is integrated into the new WAGNER control platform WSC. The modular design and functional scope of the WSC enables permanent system optimization through backups and new functions. This keeps the system up to date at all times.

Process optimization with WAGNER COATIFY platform

With a connection to the Internet of Things platform from WAGNER, you have a perfect overview of your system status at all times and everywhere. The monitoring provides you with valuable information in good time to adapt your processes accordingly and increase your productivity. The platform also contains an interface to the WAGNER service.



Fresh powder supply with BigBag

As an alternative or in addition to the fresh powder supply via powder boxes, a separate WAGNER BigBag for standard colors can also be integrated.



Typical areas of application

The IPS coating center is ideally suited for powder coating applications with the highest demands on quality, productivity and number of color changes, such as for:

- Architectural (interior fittings, facade elements, aluminium profiles)
- Metal furniture
- General industry, steel construction
- Contract coating



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