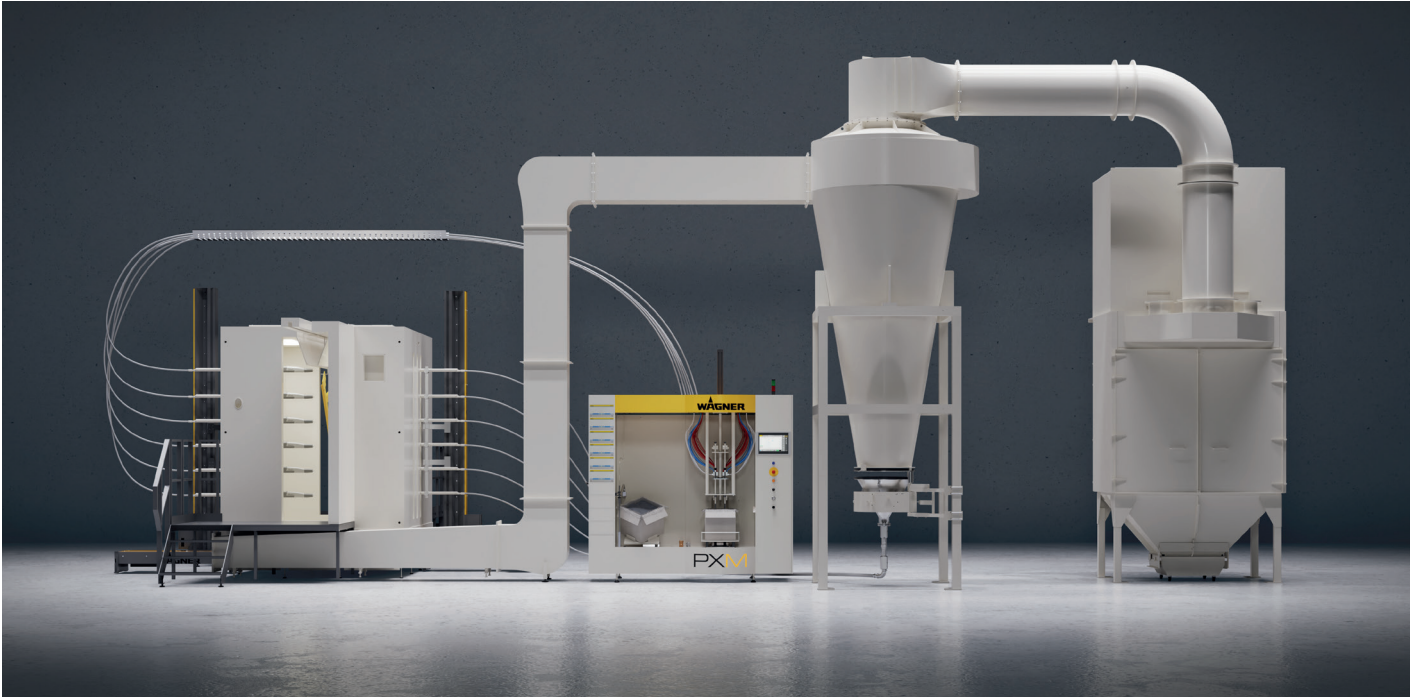


With its high-quality system components, the compact E-Line coating system offers an economical entry into automatic powder coating with fast color change.



With the WAGNER E-Line, workpieces from a wide range of industrial sectors with a size of up to 2,000 x 800 mm can be coated with high efficiency. The system enables fast color changes, excellent coating quality and high process reliability.

- **Excellent and consistent results** thanks to high-performance components: QuickCube color change booth, PXE/PXM powder center, PEA-C4 automatic guns, precise EPG-S2 modules and an accurate motion system.
- **Minimized air currents for improved application efficiency** thanks to externally mounted suction pipes on both sides.
- **Fast color changes and sustainable recovery**
The system is not only designed for fast color changes - the Energy Efficiency Package also keeps operating costs low.



Concentrated efficiency in one system

Based on preferred sizes, customization of the E-Line coating system is also possible. We configure the ideal solution for every requirement.

Energy Efficiency Package (EEP)

Improved recovery & minimized pressure loss

Thanks to bionic piping and cyclone insert.

High savings potential

Up to 40% lower energy consumption.

Maximum production stability

High-quality components and well-designed process sequences.

QuickCube powder booth

Flexible configuration options

Various booth layouts available with a maximum workpiece size of 2,000 x 800 mm.

Reliable production

Special booth design with sandwich PVC walls.

Uniform powder coating

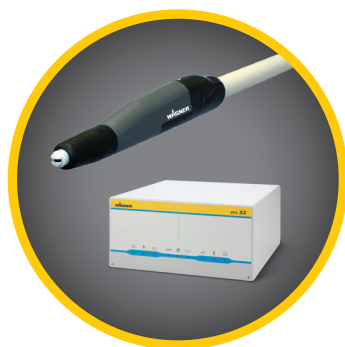
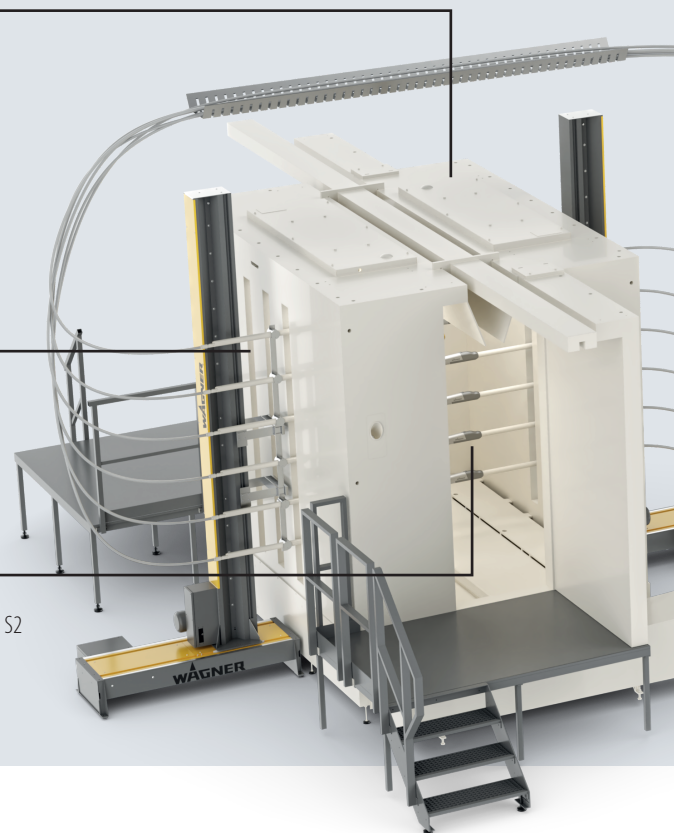
Thanks to the double-sided floor suction system, the powder cloud is not affected by the air flow as is the case with many other commercially available systems.

Minimized air flow & highest application efficiency

Special PVC booth design and optimized internal geometry. Maximum application efficiency thanks to lateral suction channels.

Optimal application results

Supported by our high-quality components: Powerful PEA-C4 automatic guns, precise EPG S2 control modules and accurate motion units.



PEA-C4 automatic gun

High coating efficiency

The durable and powerful high-voltage cascade enables extremely efficient coating.

Uniform powder output

The PEA-C4 gun design and nozzle produce a homogeneous powder cloud for uniform coating results.

Flexible range of applications

The powder gun is suitable for a wide range of different powder products, from solid colors to metallics.



PEM-X1 manual gun for pre-/post-coating

Ergonomic handling

Robust and lightweight design with a weight of only 490 g.

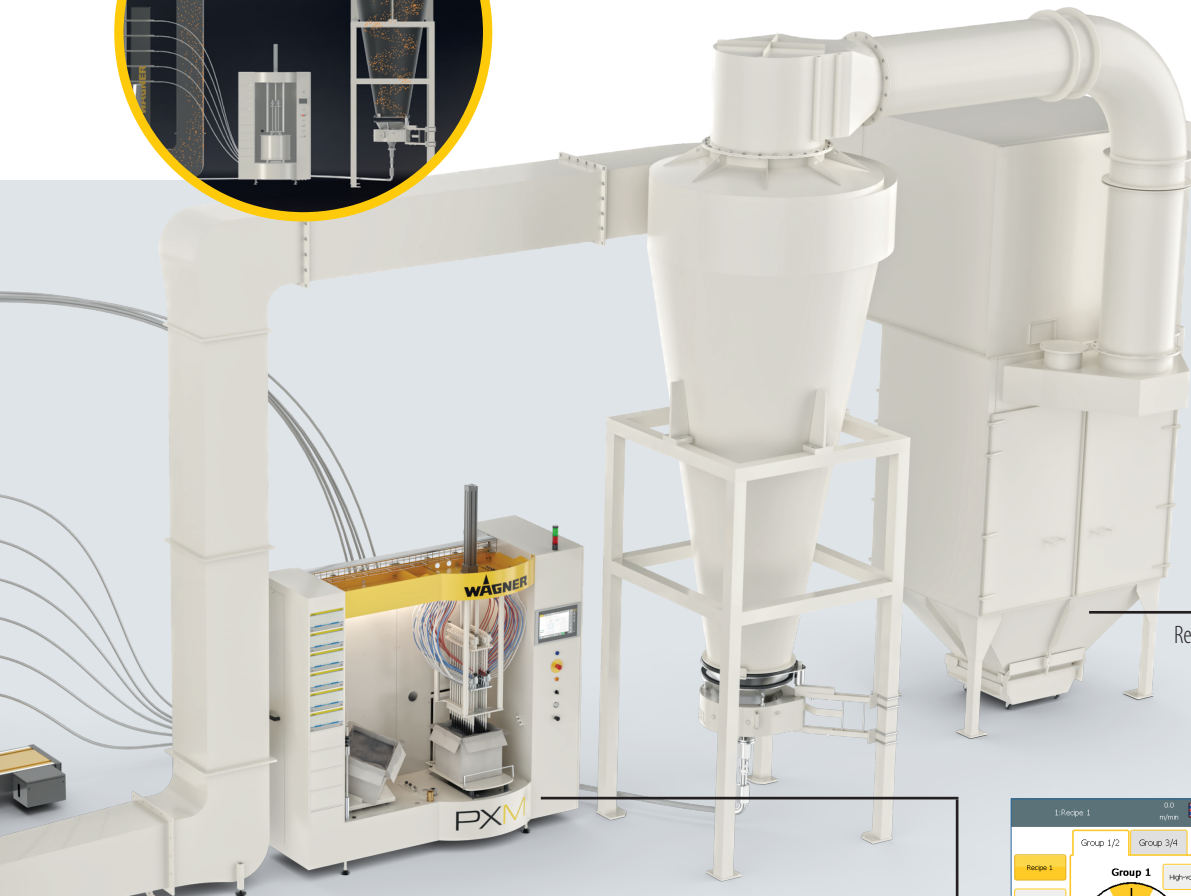
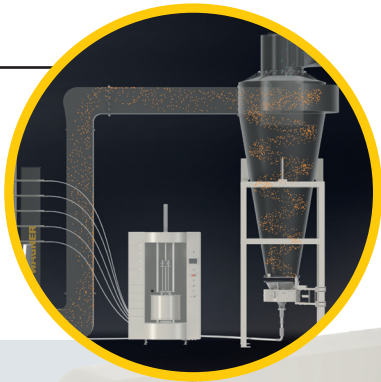
High flexibility

Extensive nozzle assortment including nozzle extensions.

User-friendly operation

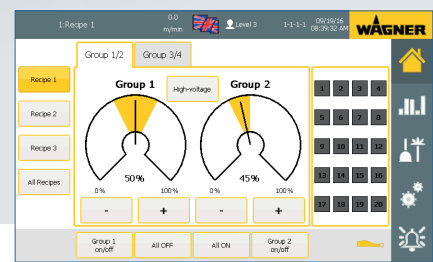
Quick adjustment of powder quantity and practical double-click function with remote control.

E-Line system solution



Significant energy savings

Reduced power consumption of the filter unit due to the improved air flow of the system.



Choose the right powder center

With its low investment costs and extremely compact design, the **PXE** powder center is the ideal entry-level solution. Powder conveying takes place optionally from the fluid container or directly from the powder box.

For increased demands on coating quality and productivity, the **E-Line Plus** system variant is available. Here, you can choose between the PXE with a more powerful control system and the **PXM** powder center. In the PXM, a fresh powder supply is also integrated.

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READY
COATIFY.NET

MES READY

With both powder centers, the complete powder system can be controlled and parameterized centrally. For even more efficient processes, a second touchscreen can be mounted directly at the manual coater station.

Technical data

General characteristics	E-Line system
Control type	All-in-one system control via central module
Powder booth	QuickCube 100 mm PVC walls in sandwich design
Automatic powder guns	PEA-C4 or PEA-C4 XL 1.4
Arrangement of powder guns	Flexible gun arrangement vertical or horizontal
Max. number of powder guns	12 x automatic + 2 x manual or 14 x automatic
Gun control modules	EPG S2 & EPG SPRINT X
Manual platforms	1 x pre- / 1 x post-coating
Workpiece dimensions	Max. 2,000 x 800 mm (H x W)
Max. number of gun slots	3 per side
Nozzle type	PI-F1 (80-360 g/min), PI-F1-S (80-450 g/min), HiCoatED (50-250 g/min)
Cyclone & filter	13,000 Nm ³ /h 18.5 kW or 17,000 Nm ³ /h 22 kW
Energy Efficiency Package EEP	Yes, integrated
Recovery	Peristaltic feeding pump for recovery from cyclone to powder center
Digital interfaces	MES & COATIFY ready

Variant characteristics	E-Line	E-Line Plus
Powder center	PXE 7"	PXE 15.6" / PXM 15.6"
Display size	7" color touchscreen	15.6" color touchscreen Optional: Second external 15.6" touchscreen
Powder supply	Fluid container Optional: Powder box	Fluid container Optional: Powder box Integrated fresh powder supply with IP 5000 (only PXM)
Powder refill	Manual	Manual (PXE) Automatic (PXM)
Part detection	Gap control Optional: Height control 4 zones Depth control via position parameters in recipes	Gap control Optional: Height control 32 zones Optional: Depth control 32 zones
Vertical motion unit	Max. 2 x VU (VU 2-1800 to VU 2-2400)	Max. 4 x VU (VU 2-1800 to VU 2-2400)
Horizontal motion unit	Max. 2 x RS 1000 (manual) or HU 1000 (electric)	Max. 4 x RS 1000 (manual) or HU 1000 (electric)

