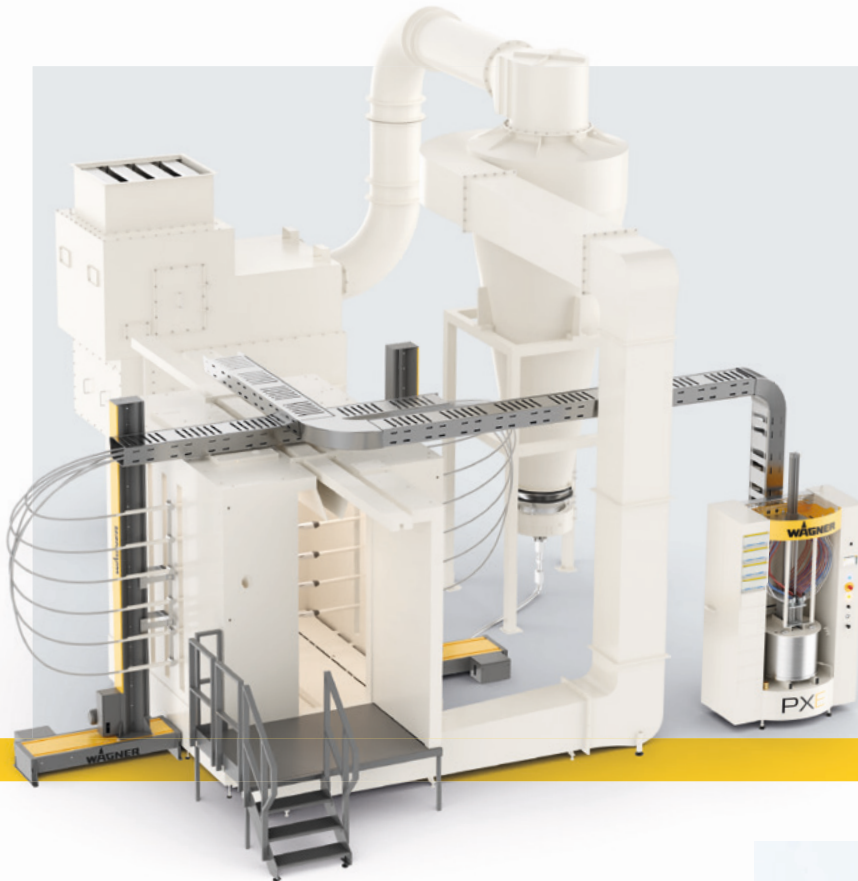


With its high-quality system components, the compact E-Line coating system offers an economical entry into automatic powder coating with fast color change.



## Smart complete solution for powder coating

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-X1 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

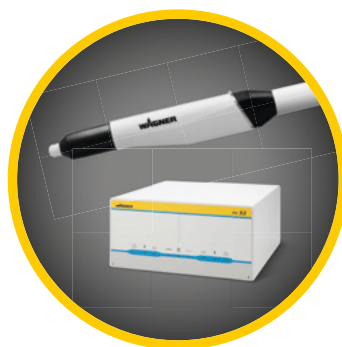
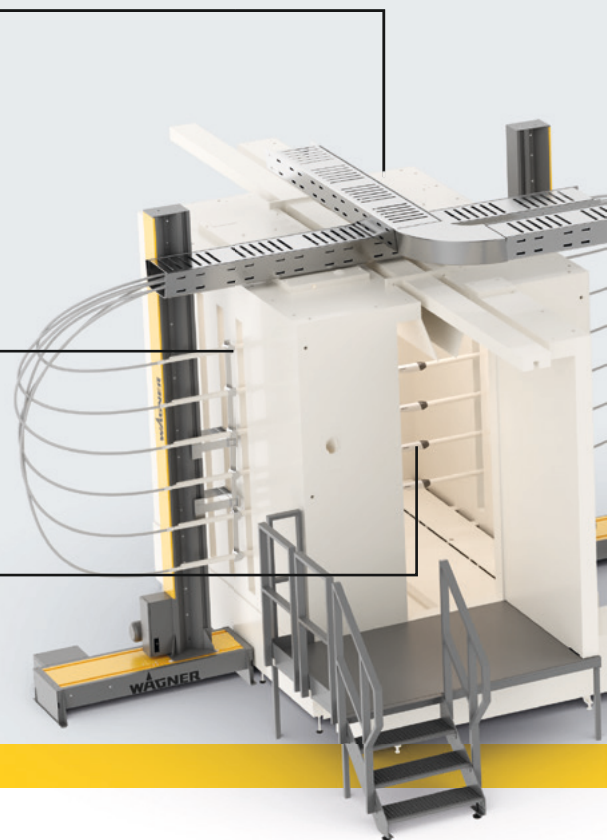
Thanks to the double-sided floor suction system, the powder cloud is not affected by the air flow as is the case with many other commercially available systems.

### 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-X1 automatic guns, precise EPG S2 control modules and accurate motion units.



### PEA-X1 automatic gun

#### Very good coating results

The durable and powerful high-voltage cascade ensures high application efficiency.

#### Uniform coating

With the optimized nozzle system, very thin and uniform coating thicknesses can be achieved. This also reduces powder consumption.

#### Compatibility during application

The nozzles and most accessories can be used in all X1 gun families (PEA-X1, PER-X1, PEM-X1).



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

#### Ergonomic handling

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

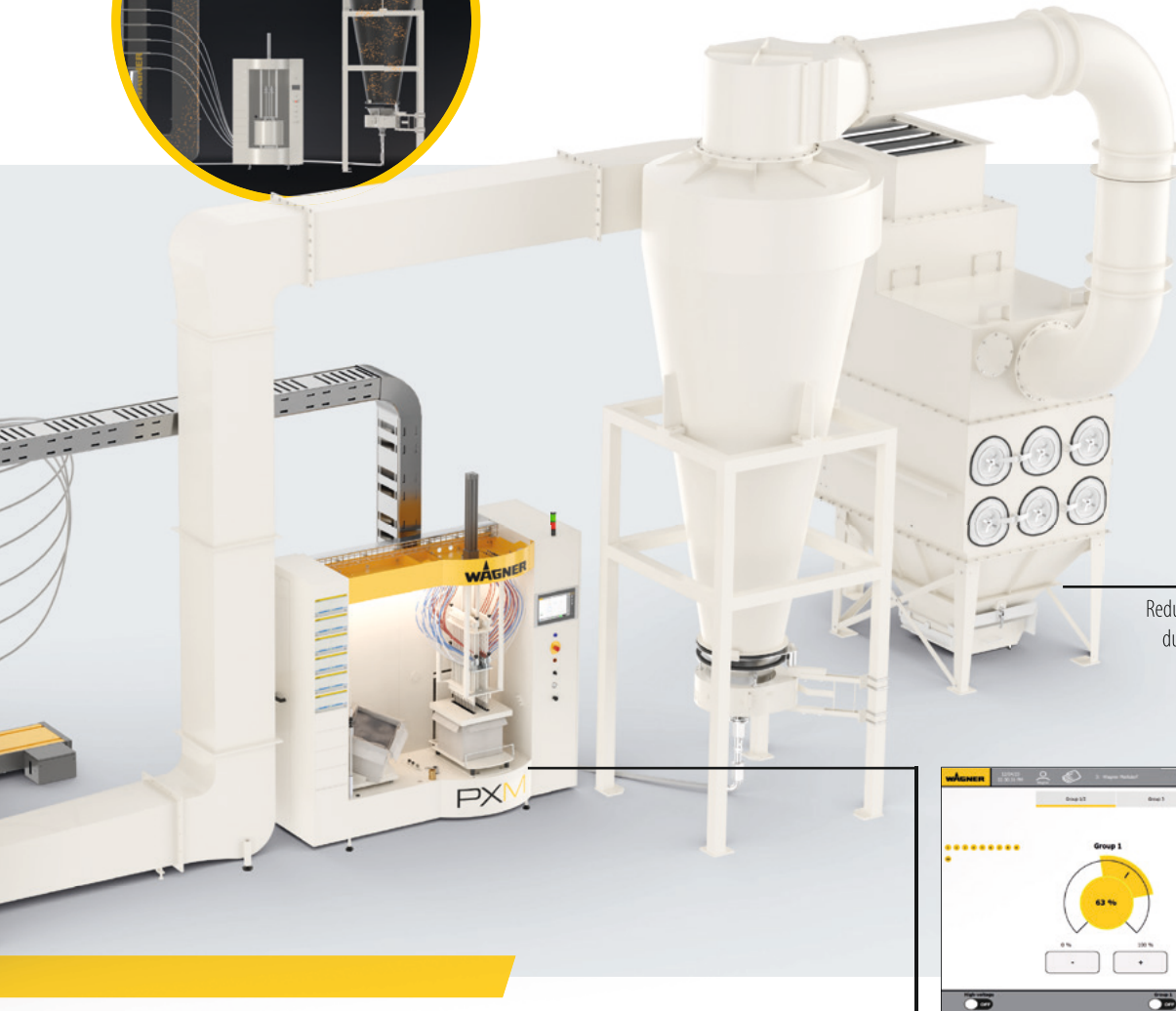
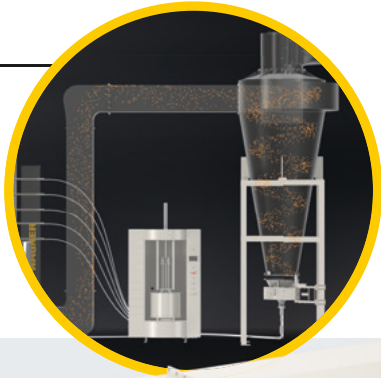
#### High flexibility

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.

**WÄGNER**  
**COATIFY**  
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-X1
Arrangement of powder guns	Flexible gun arrangement vertical or horizontal
Max. number of powder guns	16 (of which max. 3 manual) at 13,000 Nm <sup>3</sup> /h 17 (of which max. 3 manual) at 17,000 Nm <sup>3</sup> /h
Gun control modules	EPG S2 & WACON Sprint 2 X
Manual platforms	Up to 3 pre-/post-coating stations on single or double platforms
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 <sup>3</sup> /h 18.5 kW or 17,000 Nm <sup>3</sup> /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)
Fresh powder supply	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)

