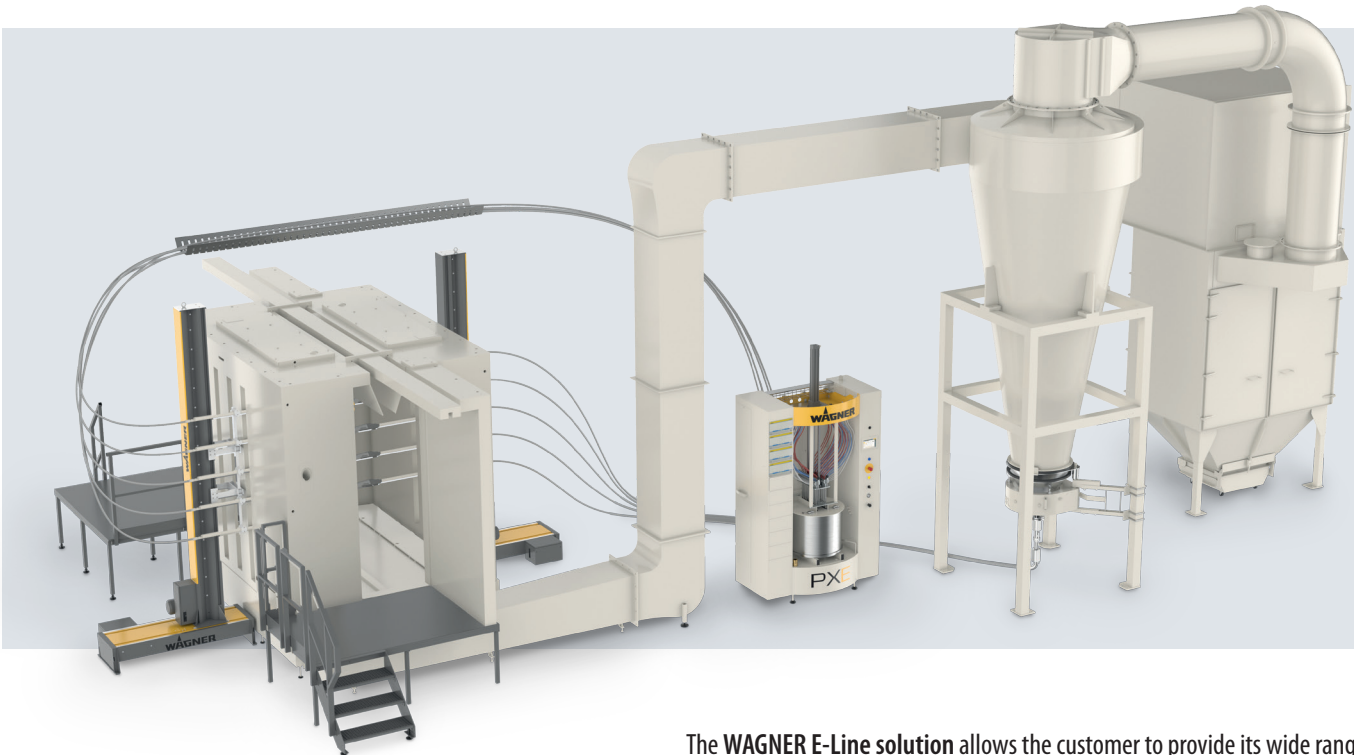


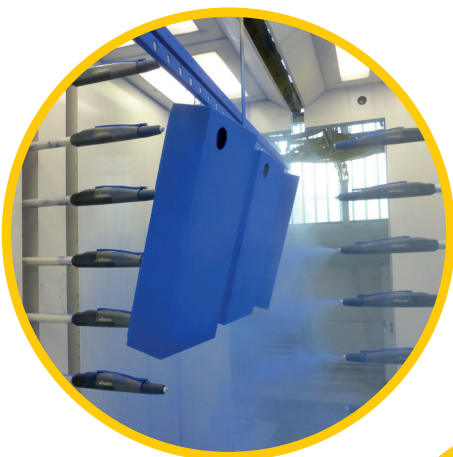
# E-Line application solution

The **WAGNER E-Line** application solution offers the best quality and combines all **WAGNER** components in one economic powder coating system.



The **WAGNER E-Line solution** allows the customer to provide its wide range of diverse components with a perfect surface. With this highly efficient coating system, you will benefit from high process reliability with consistent results.

- Optimal application results guaranteed with our high-quality key components: Powerful PEA C4 automatic guns, precise EPG S2 modules and an accurate moving system.
- Best airflow & highest transfer efficiency thanks to the special PVC booth construction and optimized inner geometry. Side ducts enable maximum application efficiency.
- Low investment cost with the entry level PXE powder center with an excellent price-performance ratio.



## Perfect combination for best results

The WAGNER E-Line application solution offers the best quality and combines all WAGNER components in one economic coating system.

## Energy Efficiency Package

**Improved recovery rate & minimised pressure loss**  
Thanks to the bionic elbow pipings and cyclone inset.

**Large potential savings**  
Up to 40% less energy consumption and cost savings.

**Maximised production stability**  
High safety of colour changes without the risk of contamination.

## E-Cube powder booth

### Flexible layout options

Different booth layouts available with a maximum workpiece size of 2000 x 800 mm.

### Production stability

Guaranteed by the WAGNER booth design with PVC sandwich walls.

### Homogeneous powder coating

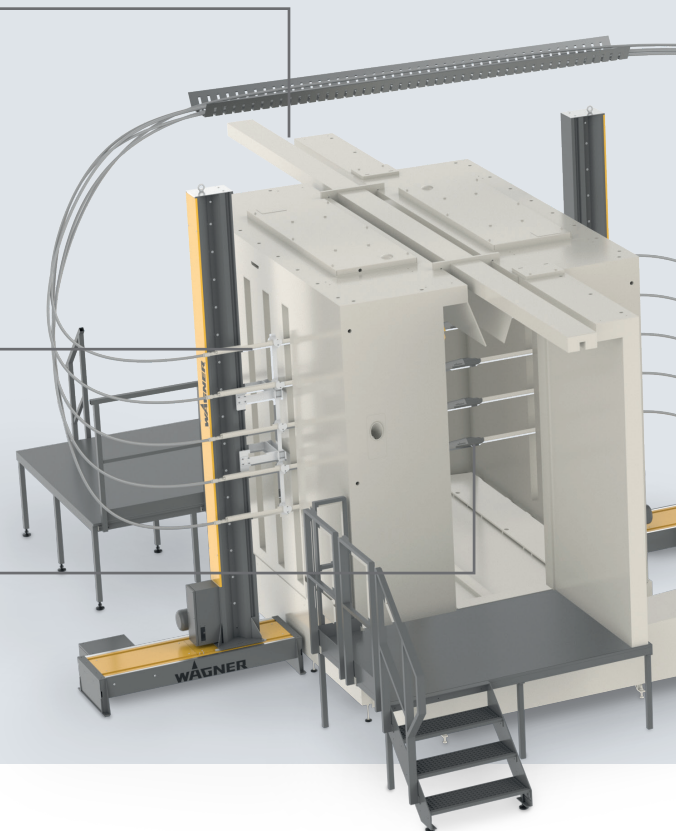
Thanks to the double-sided floor extraction system, the air stream does not affect the powder cloud like most market-based systems.

### Optimum airflow & highest transfer efficiency

Special PVC booth construction and optimized inner geometry with the WAGNER floor design. Side ducts ensure maximum application efficiency.

### Optimal application results

Guaranteed with our high-quality key components: Powerful PEA C4 automatic guns, precise EPG S2 modules and accurate moving systems.



### PEA C4 automatic gun

**Increased transfer efficiency**  
The optimized e-static technology ensures efficient powder charging.

**Smooth powder output**  
The gun and nozzle design of the PEA C4 gun guarantees stable coating results.

**Flexible application options**  
A wide range of powders can be applied, including metallic or UDS powder.



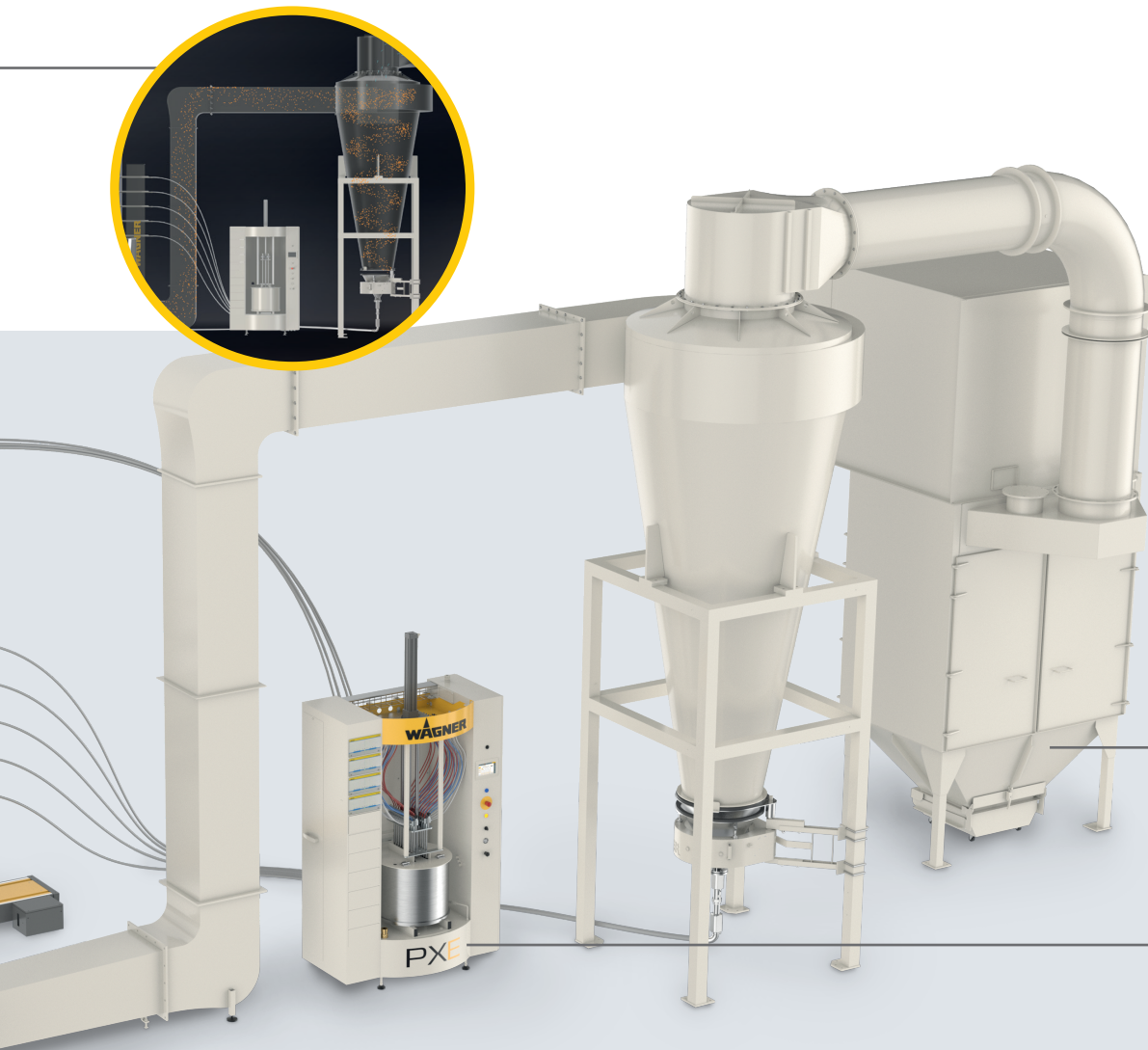
### PEM X1 manual gun

**Ergonomic handling**  
Robust and lightweight design (only 490 g).

**Production stability**  
Homogeneous powder cloud for even layer thicknesses.

**User-friendly operation**  
Quick adjustment of the powder quantity and easy program switch via remote control.

# E-Line application solution

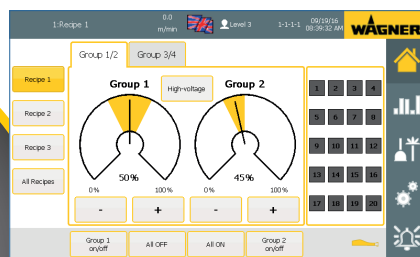


**Reduced electrical power demand**

Low energy consumption of the filter unit due to improved airflow in the system.

**Low investment costs**

Entry level PXE powder center with excellent price-performance ratio.



## WAGNER PXE

### Intuitive handling

The 7" all-in-one colour touch display allows the whole system to be operated from one central control unit.

### Flexible powder feeding

Powder supply directly from the powder box or WAGNER fluidized hopper, depending on customer demands.

### Maximum production reliability

Reproducible coating results thanks to integrated recipe control.



## Technical data

Product portfolio	Powder booth	E-Cube
	Powder center	PXE
Application	Max. guns	12 x automatic + 2 x manual or 14 x automatic
	Guns	PEA C4 or PEA C4 XL 1.4
	Gun arrangement	1 x 7 vertical per side or 2 x 3 horizontal per side
	Part detection	Gap control only
Manual Coater	Gun	PEM-X1
	Manual platforms	1 x pre-coating / 1 x post-coating
Booth	Type of booth	E-Cube
	Material	PVC 100 mm sandwich walls
	Size	Max . 2000 (H) x 800 (W)
	Gun slots max.	3 per side
Moving System	Vertical unit	VU 2-1800 to VU 2-2400
	Horizontal unit	RS 1000 (manual device) or HU 1000 (electrical device)
Feeding/Preparation	Powder center	PXE (standard) or PXE (maximum)
	Type of injectors	PI-F1 (80-360 g/min), PI-F1-S (80-450 g/min), HiCoatED (50-250 g/min)
	Fresh powder refill	Manually
	Sieving of powder	Not available
Recovery	Cyclone & filter	12.000 Nm <sup>3</sup> /h 18,5 kW or 16.000 Nm <sup>3</sup> /h 22 kW
	Energy Efficiency Package EEP	Yes, integrated
	Recovery	PP25 S - peristaltic pump
Control	Control type	All-in-one control
	Display size	7" colour touch display
	Gun control modules	2 x PEA C4 with 1 x EPG S2 or 1 x PEM-X1 with 1 x EPG Sprint X

## Application examples

Segment fit	Customer application criteria	Solution contribution
Domestic Appliances, HVAC, White Goods	1 main color, few others	Feeding from fluidized and vibrated WAGNER stainless steel hopper or directly from carton box
ACE & Transport, Accessories, Tractors, Harvesters, Lawn & Garden equipment	Many guns to maximise output	Version with up to 12 PEA C4 guns available plus two manual coating platforms to achieve maximum coating efficiency
Metal Products, Furniture, Electrical cabinets, Various small parts	Different colours	By feeding directly from the powder box, the colour change time can be minimised
Automotive, Hang-on parts, Springs, Wheels	Reliable application system for automatic powder coating	All-in one control included in the PXE ensures a perfectly harmonised system
Infrastructure, Aluminium extrusions, General building components	Constant and smooth powder output and high coating quality	With our EPG S2 modules and the AFC technology, maximum production stability can be achieved

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