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WAGNER E-Line: a smart approach to powder coating

WAGNER's new E-Line application solution is a complete package for carefree powder coating. This compact all-round solution offers an economical entry point to professional powder coating – at a convincing price.

"The E-Line is an ideal choice for anyone who is still working with steel booths, outdated systems or purely manual hand-coating, as well as for anyone interested in trying powder coating for the first time," emphasised Patrick Schumacher, Product Manager at WAGNER Industrial Solutions. He and his team have integrated all the crucial features for high-quality coating in the E-Line solution, and managed to combine them with a very attractive price and low operating costs.

Smart high-quality powder coating
Made possible only thanks to smart solutions, as demonstrated by the three models from the E-Line system: the "QuickCube" quick paint-change booth, the energy efficient recovery system and the PXE powder centre. The PVC booth features an extraction system with twin channels positioned sideways on the floor. As well as allowing easier cleaning, this also ensures high transfer efficiency. The air flow generated by the extraction has no adverse effect on the powder cloud, resulting in uniform application of powder even on the bottom section of the workpiece – unlike conventional systems on the market. "This illustrates the design principle behind the E-Line solution. We have developed smart and efficient features that deliver top quality and an excellent result," explained Patrick Schumacher.

Around corners without turbulence
The recovery system with EEP incorporates another smart design detail. The acronym stands for Energy Efficient Package. And the name says it all: the system consumes up to 40% less energy than comparable models, as a smaller motor is sufficient to generate the same extraction volume. This increases powder recovery while reducing pressure loss and powder deposits. This is made possible thanks to pipes with square cross-sections, developed in partnership with a flow engineer. "The special cross-section geometry avoids turbulence in curves. Instead, the air flow follows the pipe routing," said Patrick Schumacher, explaining the principle (patent applied for).
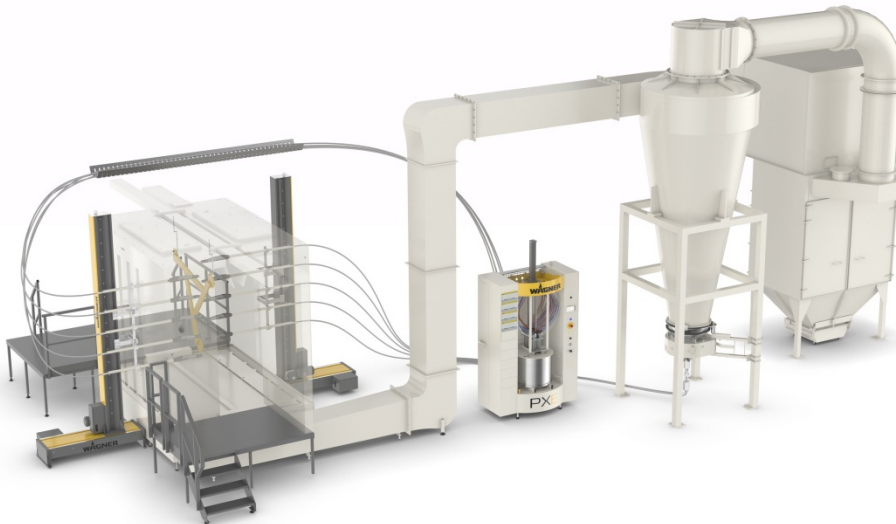
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Intuitive operation

The third module in the E-Line solution is the very user-friendly PXE powder centre. With a minimal footprint of 1.24 square metres, it comes complete with all key features, including control of the complete system, powder feed from the carton as well as supply for the manual or automatic guns. "The E-Line application solution is an economical entry point to professional powder coating. Simple and intuitive operation was therefore a priority for us. The aim was to ensure that even employees with no previous experience are able to quickly achieve good and reproducible results," said Patrick Schumacher.

High number of pre-orders

The E-Line complete concept appears to be enjoying a positive reception from customers. Even before the sales launch in October 2016, WAGNER had already received numerous orders from Europe, China and even Africa.
The E-Line is available with different booth sizes for workpieces measuring up to 2,000 mm wide and 800 mm high. It therefore covers a wide spectrum – from smaller items to larger workpieces such as control cabinets.

With its smart design, intelligent features and economical price, the E-Line complete concept is enjoying a positive reception from customers all over the world. Even before the sales launch, WAGNER had received numerous pre-orders for the compact powder coating system.

Further information:

https://www.wagner-group.com/produkte/industrie/produkte/produkte-industriepulver/produkt/e-line-application-solution/