WICOS
Control & Operating System

More simplicity for complex processes:
The integrated WAGNER control and operating system WICOS
enables highest efficiency in surface coating.

Reduce resources and unit costs with WICOS.

Easy, safe & fast operation
Control all coating processes using the 15.6" multi-touch display with intuitive keys, helpful visualizations and clear icons. The machine status is always visible at a glance.

Efficient & continuous coating
Activate unused potential with automatic functions such as gap, height and depth control. For very complex geometries, we offer an optimal solution with dynamic 3D coating.

Future-proof control system
Integrate WICOS into your production environment via interfaces to ERP, MES, other third-party systems as well as COATIFY. Benefit from investment protection through update and upgrade capability.

www.wagner-group.com

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		WICOS	WICOS Plus
● Included	○ Alternative	□ Optional	
Powder center	IPS (max. 36 guns)		○
	PXS (max. 36 guns)	○	○
	PXM (max. 34 guns)	○	
	PXE (max. 22 guns)	○	
	Powder center interface		○
	Basic powder center		○
HMI	15.6" (IPS: always external)	●	●
	External touchscreen (mirroring) 15.6"	□	□
Operation	Conveyor control comfort via interfaces	□	□
Gun control	Gap control	●	●
	Height control 32 segments (vertical only)	●	●
	Height control 32 segments (horizontal, fixed long stroke)	●	●
	Hook & hanger protection	●	●
	Multi-zone coating		□
	Robot interface coating on/off (WAGNER Slave)	□	□
Motion control	Height positioning	●	●
	Depth positioning	●	●
	Synchronous stroke	●	●
	Active Sinus Regulation (ASR)	●	●
	Depth control	●	●
	Z-axis depth control 3D		□
	Dynamic 3D coating		□
	Multimotion control (step chain function)		□
After filter control	ECO mode (after filter with FI necessary)	□	□
	Active level control powder hopper residual powder discharge	□	□
	Active level control powder hopper recovery (after filter/ICF)	□	□
Job	Recipe management (1,000 recipes/local)	●	●
	Recipe management plus (10,000 recipes/external server)	□	□
	Recipe selection external via interface	□	□
	Recipe selection code plate (light bar activation)	□	□
	Color change modes	●	●
	Color management (only for systems with IPS)		□
Support	Alarm management	●	●
	WAGNER Device Tool (update/upgrade/back-up)	●	●
	Remote maintenance	□	□
	Diagnosis	●	●
Settings	User administration	●	●
	Recipe import/export	●	●
	Machine parameters (upload/download/back-up)	●	●
	Station view	●	●
Connectivity	COATIFY ready	●	●
	Data Hub (via OPC UA)	□	□