

PrimaSprint – unbeatably fast!

HDR Trigger Function!
Recipe call by
double-click!



Design, function, coating results: Brilliant in every respect!

PrimaSprint, WAGNER's new manual powder system, combines attractive design and superior functionality. Easy handling and exceptional coating results are achieved by the electronic controller EPG-Sprint. Its central dynamic control dial combines the operation of all parameters, which are divided into four functional sections. Unique cascade characteristic curve settings, for instance and Tribo compatibility offer the greatest flexibility for all types of powder.

- High-Dynamic-Remote (HDR) trigger by double click
- Closed-Loop-Controller for perfectly reproducible coating results
- Unique controller with HV-characteristic curve settings
- Fast, intuitive, self-explanatory use
- Rapid color changes by air pulsation
- Ergonomic for fatigue-free and safe coating
- Corona and Tribo compatibility
- 50 coating programs storable (4 with direct access)

Powerful configuration and performance

The new manual gun – ergonomic, lightweight and perfectly balanced



EPG-Sprint – all parameters at a glance

Technical data	PrimaSprint
Dimensions	
Width	595 mm
Height	1120 mm
Depth	740 mm
Weight	approx. 38 kg
Electrical	
Network	85 VAC to 250 VAC
Frequency	47 Hz to 440 Hz
Power input	max. 25 Watt
High voltage	max. 100 kV
Corona current limit	5 µA to 120 µA (adjustable)
Tribo current limit	max. 12 µA
Valve control voltage	24 VDC
Pneumatic	
Air inlet	Pressure range 6 to 8 bar Air quantity max. 20 m³/h
Injector PI-F1	Feeding and dosage air: 2 up to 12 m³/h
Atomization	0.05 to 4.5 m³/h
Compressed air	6 bar

Maximum flexibility

The gun's highly dynamic remote control allows switching between pre-selected programs. Choose from 50 individually set recipes by a simple double click. Color changing has been made easier and more effective by the air pulsation function. The modular design and a wide range of accessories enable the user to convert the unit into any of the three versions, to suit the diversity of coating tasks.



PrimaSprint Airfluid



PrimaSprint 60 L



PrimaSprint 3 L



J. Wagner GmbH
Industrial Solutions
D-88677 Markdorf
Tel. +49 (0) 75 44/5 05-0
Fax +49 (0) 75 44/5 05-200

J. Wagner AG
Industrial Solutions
CH-9450 Altstätten/SG
Tel. +41 (0) 71/7 57 22 11
Fax +41 (0) 71/7 57 23 23

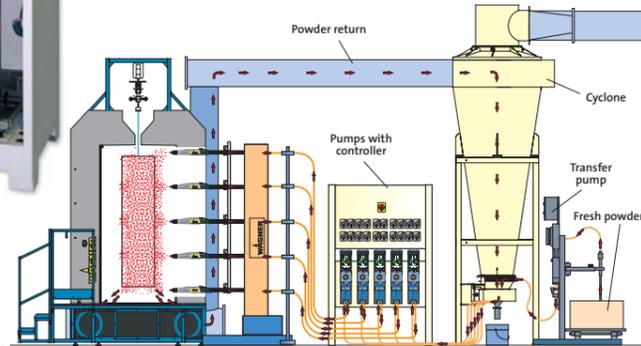
www.wagner-group.com

Powder logistics, powder circulation and recovery

In the choice of a coating system for fast colour changes not only the booth system but also the whole plant including all components should be evaluated. The new Comfort Powder Centre is at the heart of the powder supply and fundamentally involved in the success of fast colour changes. Speed and high quality of the colour change are decisive criteria.



Intelligent powder logistics for fast, cost-effective production runs. Wagner offers all components from its own development and manufacturing departments – precisely matched to the particular plant design being used. From powder return systems through the cyclone right up to the control and powder feed technology.



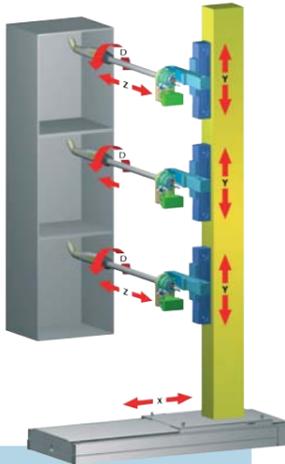
Complete powder logistics with Wagner systems technology! Powder handling and recovery, effective concepts for fast colour changes and much more.

Wagner movement technology



The coating of complicated components such as the internal coating of cabinets requires individual movement of guns independently of each other. A highly complex process, which up to now has usually been managed with the use of robots. This is precisely where 3D coating technology from Wagner comes in. An axis for each module – individually controllable and precise in application – for perfect coating results even without expensive robot technology.

Automatic movement units are subject to constant loading. Reliability and sturdiness therefore play a decisive role in the stroke mechanisms. In interaction with the electronic controller, Wagner technology meets the high application demands and optimal surface finish.



Intelligent movement technology for almost every application. Perfectly matched components for lifting and 3D movement processes.

Reliable know-how over and above the product:

■ Worldwide service and assembly network / Customer Service Hotline ■ Original Wagner spare and wear parts with finest technology in every detail

■ Technical centres and centres of expertise for application technology ■ Professional training concept for customers and users ■ Development centres in Markdorf and Altstätten (CH)

Powder coating systems from Wagner



Precision in surface coating – Wagner meets the highest demands



J. Wagner GmbH
Otto-Lilienthal-Str. 18
88677 Markdorf
Germany
Tel. +49 (0) 7544 505-0
Fax +49 (0) 7544 505-200

J. Wagner AG
Industriestraße 22
9450 Altstätten/SG
Switzerland
Tel. +41 (0) 71 7572211
Fax +41 (0) 71 7572222



www.wagner-systems.com

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Wagner – the company



The Wagner headquarters in Markdorf near Lake Constance. Active and expert across the world when it comes to mature technology for surface coating.

The Wagner group – an association of companies spanning the world which is successfully asserting itself in a leading role in the field of surface coating. 1800 employees work in Wagner agencies and subsidiary companies in around 60 countries, providing an effective global network. The hub of the group of companies is located in Markdorf near Lake Constance where Josef Wagner founded J. Wagner GmbH around 50 years ago. From small unassuming beginnings to today's international size and expertise in surface coating matters.

Powder coating systems

Manual coating – simple, economical and precise. The basis of Wagner manual coating systems is the hand units – suitable for every application, from coating systems for newcomers right up to professional systems with a high throughput. Whether Basic or ID booths, Bravo or Prima HiCoat systems, one thing characterises the coating systems from Wagner – the uncompromising standard of quality and the possibility for modular expansion. The manual units simply grow with the demand.

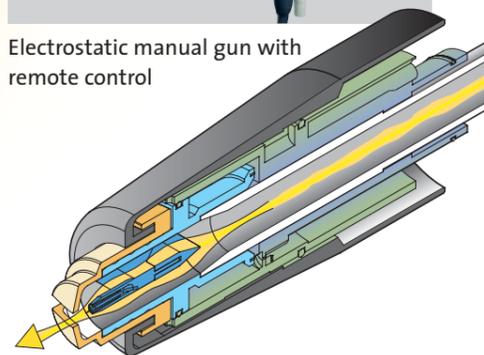


From the manual coating unit right up to small production runs. Polished technology for the highest efficiency in all applications.

Powder gun technology from Wagner. Electrostatic coating with the PEM-C4 HiCoat manual Corona gun is distinguished by excellent powder charging and extremely high application efficiency. Both conventional types of powder and also metallic powder can be applied with the Corona manual gun. Thanks to the newly developed multi-functional nozzle system, a fine spray pattern and uniform film thicknesses are guaranteed. At only 498 g the gun is super light and ergonomically balanced. Its details are also convincing – the changeover from round to flat jet is dealt with in one operation.



Electrostatic manual gun with remote control



Automatic coating systems

Whether plastic or steel booths, individual small production runs with many colour changes or mass production with very high numbers, Wagner offers application technology of the finest type – the automatic booth systems suit all production requirements. Flexible systems technology and modular concepts with a wide variety of mature components are the key to solving individual problems. An example: the SuperCube booth – compact and powerful with a high production capacity in a small area. Intelligent solutions from Wagner.



Automatic coating in every dimension. The wide range of equipment and gun technology will convince you!



Controllers



Intelligent control technology from Wagner – simple to operate, highly efficient in use. Flexibly expandable thanks to modular construction.

Well-thought-out control technology from Wagner – simple to operate, efficient in performance. Powder coating technology is getting more and more complex. The controller covers all areas: paint output, spray jet width, object recognition and control are administered, controlled and documented centrally. Flexibility and expansion capability are the basis of the Wagner product policy. Modular construction with clear, task orientated performance ranges are the basis for all requirements – this is how the ideal control technology can be matched precisely.

