



SPRINT 2

MANUAL POWDER UNIT



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The Sprint 2 manual unit combines increased functionality with a user friendly design. With the new central control unit, all parameters can be set easily. In combination with the new manual gun PEM-X1, the manual unit gives perfect coating results. The powder feeding is carried out directly from the original container – optionally out of the 60l stainless steel container.



Air Flow Control

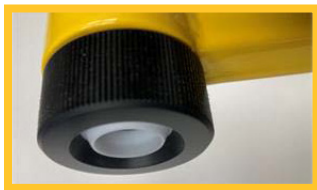
Optimized control of powder and air delivery for a softer and less turbulent application

Digital Surface Optimizer (DSO)

Perfect application on difficult parts

Quick-link injector

New pump technology delivers extremely consistent powder flow by optimizing collector and injector nozzles



Swivel arm with lance scraper

New wiper ring makes cleaning quick and easy

Fixed suction lance

Reliable fluidization and powder suction



PEM-X1

Premium application and high-performance cascade with remote recipe change

Optimized gun and hose management

Fixtures for efficient hose management



Versatile base design

Suitable for different box sizes or fluid containers on the platform

Vibration motor

Maximizes fluidization and powder preparation

4 Wheel Cart

Easy to move within the application environment

Digital Surface Optimizer (DSO)

Four recipes can be accessed directly via quick selection. A further 46 recipes can be called up by using the rotary knob. The DSO assistance function (Digital Surface Optimizer) can reduce overcharge effects. This advantage is particularly relevant for decorative coatings on complex workpiece geometries or for challenging powder coating jobs. The DSO function supports a more homogeneous finish.

Situations for DSO:

- Complex coatings
- High penetration
- Short spraying distances
- Undercuts
- Complex, very easy-to-charge powders

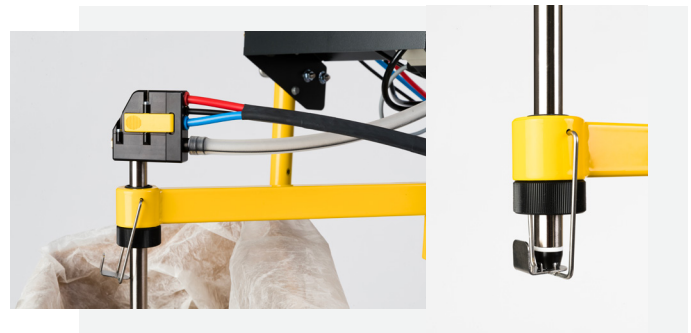


Air Flow Control

The Wagner Air Flow Control (AFC) technology ensures exact powder control. A high-precision, closed control loop permanently measures and regulates the air volume during the coating process and produces a uniform powder cloud for high-quality coating results.

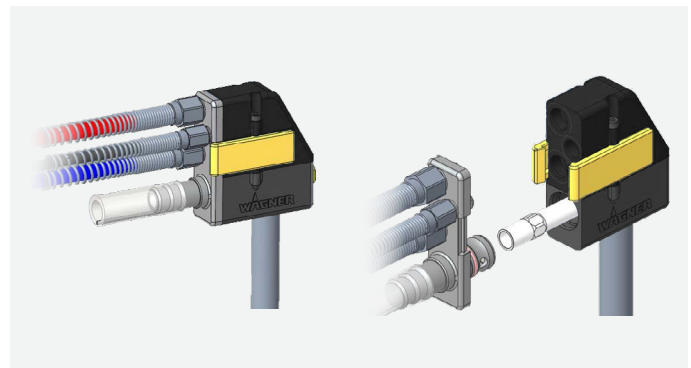
Swivel arm with lance scraper

The Sprint 2 includes a robust swiveling arm mounted to the frame of the cart that properly secures the powder lance and pump within the powder container. An integrated wiper ring ensures quick and efficient cleaning for color changes, saving time and costs with manual clean-up.



Quick-link injector

The quick-link injector system is a fast and easy solution to high speed color changes. All the hoses can be detached simultaneously with the quick-link function, and access to the PXS venturi nozzle with this function makes maintenance a breeze.



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CONFIGURATIONS



Manual Sprint 2 B
Box Feed
(2466208)



Manual Sprint 2 H
Hopper Feed
(2466209)
Hopper not included

Sprint 2 B - Box Feed

Box Feed	Part Number	Description
Sprint 2 B - Box Feed	2466208	Manual Unit Sprint 2 B - Box Feed Version

Sprint 2 H - Hopper Feed

Box Feed	Part Number	Description
Sprint 2 H - Hopper Feed	2466209	Manual Unit Sprint 2 H - Hopper Version
60L Hopper	264268	Sprint 60L Powder Tank
25L Hopper	264224	Sprint 25L Powder Tank



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