

DIGITAL INTELLIGENCE IN POWDER COATING:

Automatic control of powder quantity ensures consistent coating thickness while minimizing powder usage. This guarantees maximum coating quality and optimal system availability.



ELEVATE POWDER FEEDING WITH INNOVATIVE INJECTOR TECHNOLOGY.

Flowsense technology features high-precision sensors in each feeding element. These smart sensors constantly monitor and adjust the powder flow to meet target levels, automatically correcting any deviations. This also enhances the reliability of your system.

- Automatically adjusts powder flow as venturi nozzle wears
- Ensures consistent layer thicknesses
- Delivers reliable, repeatable results
- Reduces powder usage





Reliably reproducible results

Flowsense precisely measures and controls the powder output in grams per minute for each gun individually. The exact dosage can be saved in the recipe, ensuring consistent and reproducible results without the need for manual adjustments.



Predictive maintenance

Flowsense automatically monitors the condition of the collector nozzles and displays it using a traffic light system. This lets you instantly assess whether the coating can still meet the desired quality standards. When maintenance is needed, you can quickly and precisely replace the collector nozzles at the right time.



Simple operation

Flowsense is set up and controlled through the powder center's touchscreen, featuring intuitive user guidance. It primarily operates in the background, automatically displaying relevant information as needed.



Significant Powder Savings

By precisely adjusting the powder output to match the target layer thickness, you can greatly decrease powder consumption and safety margins. For instance, with a typical system covering 6,462,000 sq ft annually and a powder cost of \$3.50/lb., reducing the average coating thickness by .2 mils (6 microns) could save you \$42,570.00 each year.

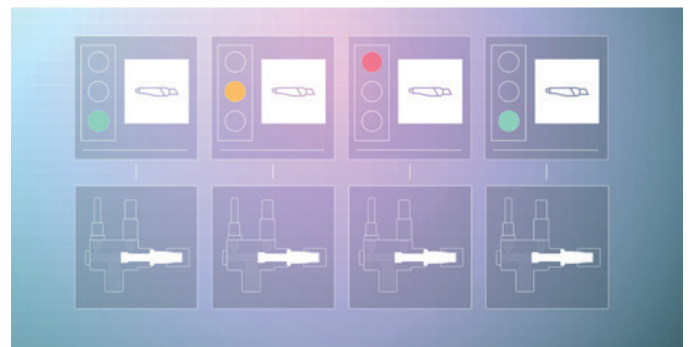


High coating quality

Flowsense ensures consistent coating thickness by automatically compensating for variations in output caused by fluidization and fluctuating powder levels such as wear, failure, or blockage.

EXTEND THE SERVICE LIFE OF YOUR WEAR PARTS

The status of each individual gun or injector is clearly displayed on the touchscreen in a traffic light system. The request for the next wear part change only appears when it is actually necessary. This allows you to extend the service life of the nozzles to the maximum and thus reduce your ongoing operating costs.



- Green = System without significant wear, control is active.
- Yellow = Progressive wear, control is approaching the control limit. New collector nozzles should be ordered.
- Red = The wear does not allow any further readjustment. The output decreases and the target layer thickness can no longer be achieved. Collector nozzles must be replaced.

COATIFY.NET

Integrate Flowsense with Coatify a web based information system that delivers real time system details that you can access anywhere and anytime.

Wagner Spray Tech Corporation - Industrial Solutions
Plymouth, MN 1770 Fernbrook Lane
Plymouth, MN 55447 1 888 473 2524
Louisville, CO 337 South Arthur Ave
Louisville, CO 80027 1 888 820 4498
iscustomerservice@wagner-group.com