

TAKE CONTROL OF YOUR POWDER CLOUD... WITH GEMA.

Controlling your powder spray cloud is crucial to your powder coating process for many key reasons – one of them being SAFETY COMPLIANCE.

In powder coating, controlling the spray cloud is not only about finish quality and powder savings. It also plays an important role in supporting cleaner, safer, and more manageable coating operations. OSHA, NFPA, insurance companies, state/local entities and your compliance team will all have a say concerning the proper safety of your powder shop, your employees, and your surrounding community.



Industry safety compliance is a comprehensive process. Spray cloud control does support cleaner and safer coating conditions, but it is only one part of a complete safety program. Powder coating safety also depends on optimal booth design and operation, adequate ventilation and filtration, good grounding and bonding practices, well trained operators, proper PPE, regular housekeeping and equipment maintenance, dust control procedures, and compliance with applicable safety standards, local codes, and facility requirements.

IS THERE EXCESSIVE POWDER BUILDUP IN THE BOOTH?
IS BOOTH VISIBILITY REDUCED DURING OPERATION?

Optimized powder coating conditions begin with a controlled spray cloud. When powder is charged properly, delivered consistently, and directed accurately, more powder reaches the part and less powder is lost into the booth – helping manufacturers improve efficiency, reduce cleanup, and support safer coating operations.





- Cleaner Spray Booth Environments
- Improved Visibility and Work Conditions
- Reduced Filter and Maintenance Burden
- Enhanced Housekeeping Capability
- Better Electrostatic Charging and Grounding Control
- Consistent Powder Output and Delivery
- Proper Nozzle Selection and Spray Pattern
- Accurate Gun Positioning and Automation

IS BOOTH CLEANUP TAKING MORE TIME THAN EXPECTED?
ARE HOUSEKEEPING METHODS ADAPTED TO AVOID CREATING DUST CLOUDS?

We're not just selling powder guns. We deliver systems and technologies that allow you to control the powder cloud. And when You Control the Cloud, you control the quality, time and cost of the finish.

You control the RESULTS.

- Higher first-pass production yield
- Reduced rework from imperfections or rejects
- Improved coating productivity and transfer efficiency
- Lower powder consumption
- More predictable production line process





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