



YOU

CONTROL THE CLOUD.

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 **MINIMIZING OVERSPRAY AND WASTE.**

Total powder overspray and waste is one of the more obvious indicators of how well a powder coating process is optimized. When powder movement is precise, stable, and targeted, more powder reaches the part and less powder is lost to the booth – helping you improve efficiency, reduce cost, and maintain a cleaner coating process. Minimizing overspray is not just about using less powder, it's about improving how effectively the powder is applied. When powder is charged properly, delivered steadily, and directed accurately toward the part, you can reduce material waste while improving coating consistency.



Excess airborne powder can create buildup on your booth walls, floors, fixtures and filters. Every pound of powder not landing on a part or product adds to your cost due to higher powder consumption, increased reclaim handling, more frequent filter maintenance, additional cleaning labor, and more downtime for booth maintenance. Less powder waste supports a more predictable and efficient production environment.

**ARE YOUR BOOTH FILTERS LOADING FASTER THAN EXPECTED?
IS BOOTH CLEANUP TOO FREQUENT AND TAKING TOO MUCH TIME?**

A controlled powder cloud performs with predictability from a consistent application process within your quality specifications. By reducing unnecessary overspray, you improve material utilization and lower powder usage per coated part. When you control the cloud, more powder contributes to the finished coating – reducing material waste, cleanup time, and cost per part.



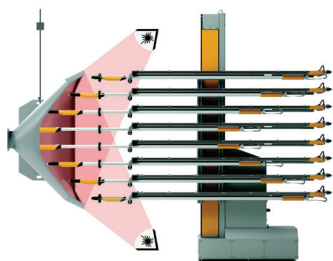
- PowerBoost™ technology delivers up to 110,000 volts to boost charge efficiency, so you can coat more parts faster, and to produce a high-performance cascade for improved coating accuracy.
- Proper nozzle selection prevents uneven accumulation, ensures spray consistency across complex geometries, and reduces overbuild or overspray in distinct areas where powder can get wasted.
- Automated coating, like precision-timed reciprocators with dynamic contouring, accurately position your spray guns while detecting the presence of parts and their geometries and triggering on/off cycling during line gaps to eliminate wasteful spraying.
- Magic System booths remain clean during operation due to their non-conductive plastic walls and self-cleaning floor that prevent powder accumulation, minimize the risk to blow powder out of the booth and contaminate the ambient, and offer cleaner working conditions for better protection of operator health.

***ARE YOUR GUNS SPRAYING WHEN NO PART IS IN POSITION?
IS OVERSPRAY WORSE AROUND EDGES, OPENINGS, OR SMALLER PARTS?***

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



Gema 

Contact us at **877.437.6771** or **powdersales@gema.us.com**