

YOU

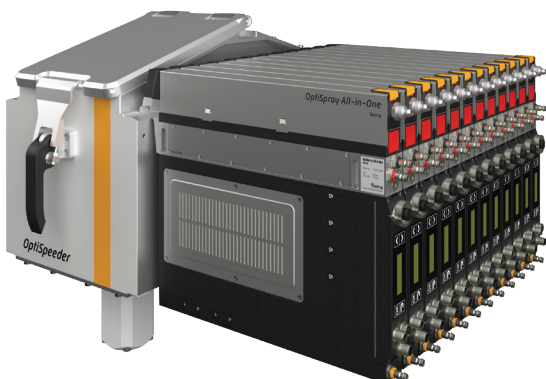


CONTROL THE CLOUD.

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 **TRANSFER EFFICIENCY**.

Transfer efficiency is one of the clearest indicators of how well a powder coating process is optimized. When your powder spray cloud is properly controlled, more powder particles from your spray gun reach the part surface and less powder becomes overspray. Higher transfer efficiency directly improves material utilization, coating consistency, operating costs, and production throughput.



You may think of these issues as powder waste, excessive reclaim, or inconsistent film build – but the root cause is often spray cloud instability. Controlling the powder spray cloud will increase your first-pass productivity, just one of the factors that will help improve the overall measurable performance of your production line.

***ARE YOU SEEING HIGH POWDER CONSUMPTION RELATIVE TO FILM THICKNESS?
HOW MUCH POWDER IS ENTERING YOUR RECLAIM SYSTEM?***

A controlled powder cloud performs with predictability from a consistent application process within your quality specifications. Transfer efficiency is not only influenced by how much powder is applied, but by how effectively the spray cloud directs powder particles towards the part surface.



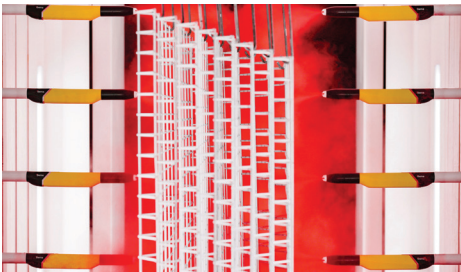
- PowerBoost® technology delivers up to 110,000 volts, boosting charge efficiency so you can coat more parts, faster.
- Digital Valve Control (DVC) technology produces precise and reproducible airflow to the pump, so your powder is delivered accurately and consistently to the spray gun.
- Automated coating, like dynamic contouring, detects the part geometry and accurately positions spray guns while controlling on/off cycling to eliminate unnecessary spraying.
- Reciprocators make cloud control repeatable so, instead of relying on constant manual adjustment, the system applies powder when and where it's needed with consistent movement and timing.

***ARE YOU PUTTING TOO MUCH POWDER ON THE PART?
IS OVERSPRAY ACCUMULATING EXCESSIVELY IN THE BOOTH?***

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



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