

MagicCompact

Save time, space and money
without any compromise!



Automatic powder coating systems

Don't waste your precious production space!
With its compact design, the MagicCompact quick color change system can be easily integrated into new or existing plant configurations.

The automated cleaning program during the coating process cuts down significantly your color change times.
You save time, space and money!

Gema

The Global Leader in
Powder Coating Technology

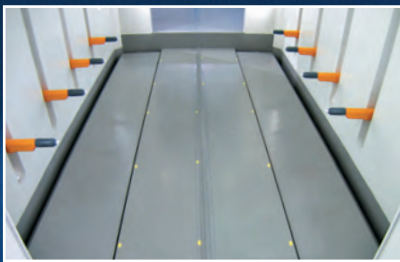


Save time, space and money without any compromise!



Color changes can be so quick and easy

MagicCompact stands for compact design. That's why the entire system can be easily and efficiently cleaned. You don't have to enter the booth, the whole cleaning procedure can be carried out from outside.



Minimal powder quantity in the circuit

The booth floor is continuously cleaned during the coating process to minimize powder accumulation in the booth. Only a few kilograms of powder circulate in the recovery circuit. Color change times are cut down significantly!

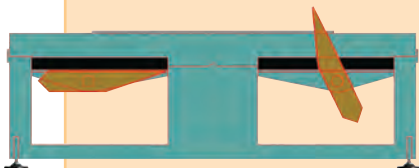
Perfect coating conditions

The patented booth floor with four extraction slots creates the perfect coating conditions: gentle air suction and no turbulence along the entire booth length. Uniform coating thickness and highest application quality are the result.

Compact design, tailor-made to your needs

Gentle treatment

Four slots in the booth floor create the perfect coating conditions: gentle air suction and no turbulence. The continuous powder recovery provides consistent coating results.



The MagicCompact system can be easily integrated into any plant configuration. Whether in a pure automatic configuration, with pre-coating or with combined pre and post touchup stations, all solutions are possible. Worldwide references in all industries confirm the versatility of the MagicCompact quick color change system. In our state-of-the-art test lab we determine in collaboration with you the optimal configuration, designed to your requirements and needs.

Designed for quick color changes

The OptiGun automatic powder gun is compact and easy to maintain. With color changes, the gun is quickly cleaned and ready to be used again. The nozzles are removed in a flash, they are cleaning-friendly and contain a minimum of parts that are subject to wear.

On-gun remote control

You can keep your eyes on the work piece, not on the control unit! With the remote control on the back of the gun, you can select the right program, even if the control module is out of your reach.

All parameters at one glance

With the control module OptiStar and MagicControl you have a grip on all coating parameters. Clear symbols, simple programming and a perfect reproducibility of your results contribute to measurably increase your coating quality.



The most advanced powder application technology

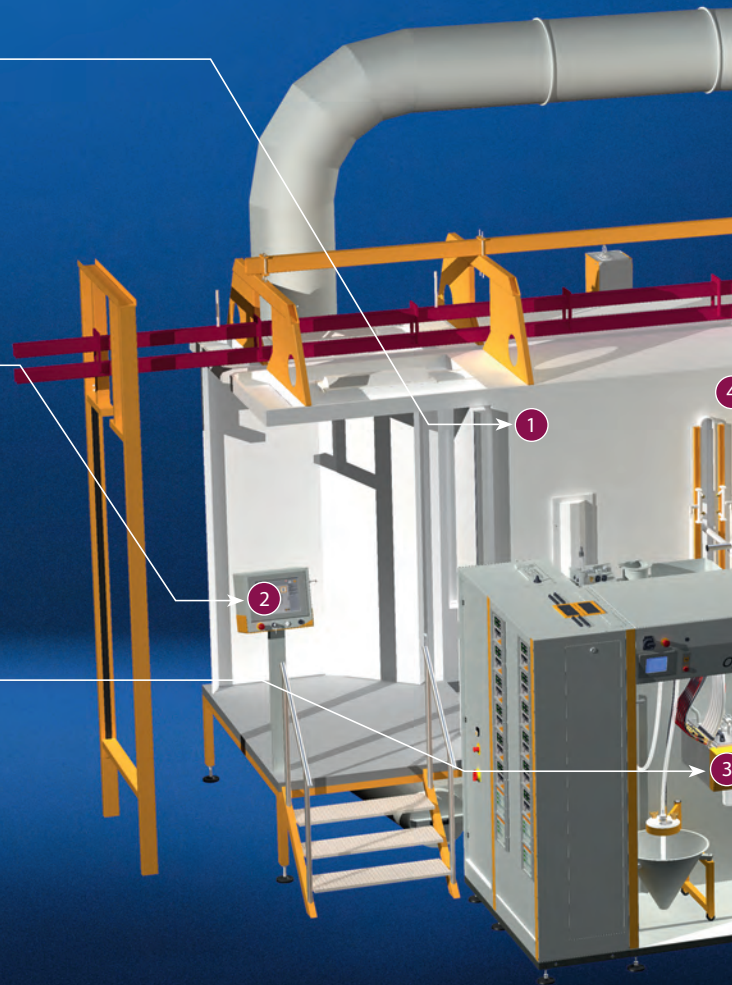
The OptiFlex Series powder guns and controls are a perfect combination of coating efficiency and user-friendliness.

- Perfect transfer efficiency with every powder due to the 100 kV high performance cascade
- Continual, uniform powder delivery and charging, for a uniform distribution and lay down of powder
- Patented Digital Valve Control (DVC) for accurate powder output control
- Control unit display ensures easy access to pre-set and customized coating programs
- Reduced maintenance costs due to the wear resistant design

SuperCorona®

The optional SuperCorona collects and neutralizes the free ions that would disturb the powder deposition on the object. This improves the surface quality.





① A sandwich of another kind!

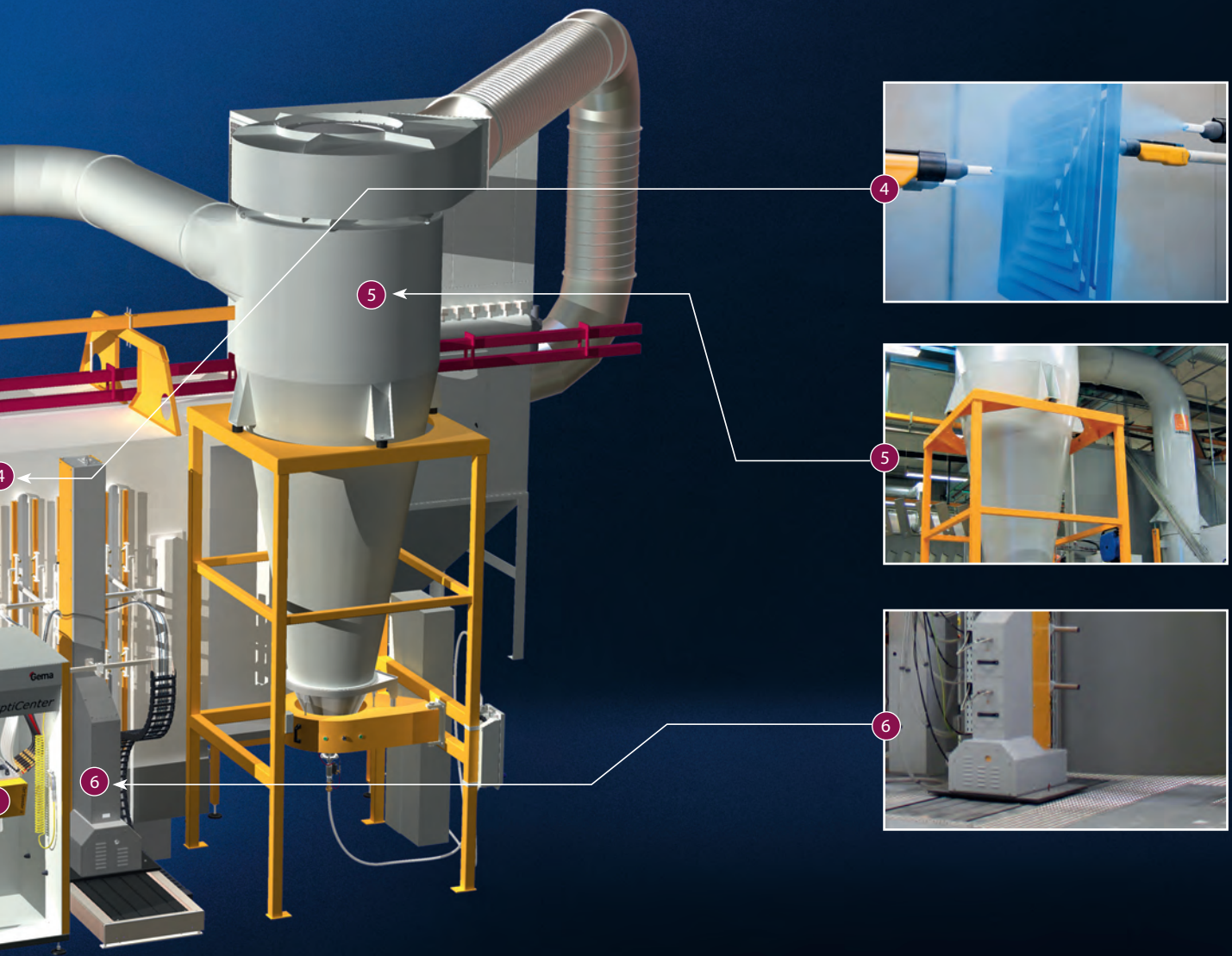
② Here you control the coating!

③ All the powder you want, where and when you want it!

MagicCompact features a sandwich-wall booth cabin construction. That's how powder accumulation is minimized on the booth walls. The booth floor is equipped with an automatic cleaning system to prevent powder accumulation.

Do you want to save powder? Do you insist on high user comfort combined with the highest coating quality? The versatile system control of the Magic Control series combines leading edge control technology with an intuitive user interface giving you the possibilities to access and control all parameters of the coating process.

The MagicCompact powder circuit aims for ease-of-use, continuous and consistent powder feed and minimal wear of parts. The Opticenter, injectors, powder pumps and recovery system are all perfectly aligned with one another and guarantee perfect working conditions. The fresh powder feed and sieving solutions are designed to meet exactly your quality requirements and expectations.



4 The heart of the powder coating!

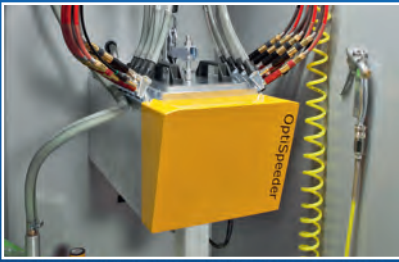
With high transfer efficiency, uniform powder application and optimal penetration into any geometry, the OptiFlex Series powder guns constitute the heart of the powder coating process. The color-change-friendly construction, which utilizes very few components that are subject to wear is an additional plus. The excellent ergonomics and the lightweight design of the OptiFlex manual guns, guarantees fatigue-free coating.

5 For a good atmosphere!

Our cyclones excel with their high separation efficiency. This ensures loss of expensive powder in the recovery circuit is minimized. The high aspiration performances and filtration efficiency of our final filters are the key to maintain clean and healthy ambient conditions.

6 Coating in every direction!

A uniform distribution and powder film built is the key to achieve high quality results at the lowest powder consumption rate. Gema's reciprocators and positioners cover all movements, no matter what configuration you need.



OptiCenter: quick cleaning and superb coating results

Efficient powder management

The core piece of this new powder center is the OptiSpeeder II. This unique container concept completely prevents powder loss through fluidization. The control of the completely closed powder loop is fully automatic and precise. This enables extremely low powder consumption and leads to excellent coating results.

Better coating quality

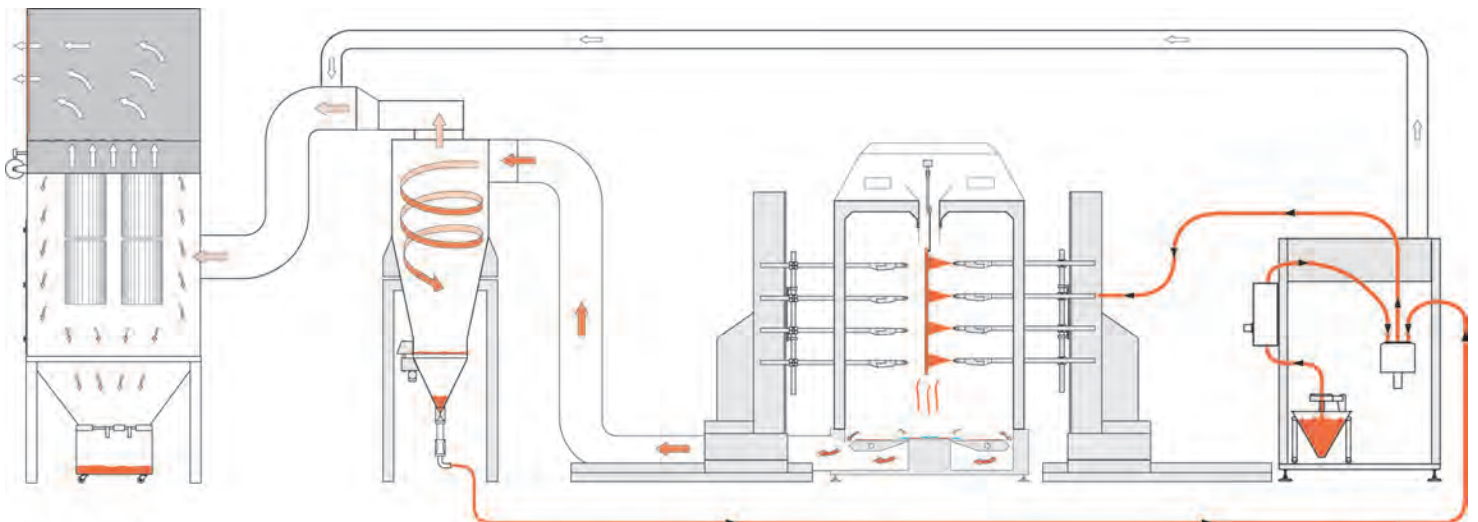
The OptiSpeeder II is equipped with an automatic fresh powder supply and a powder level control system which ensures a constant powder quantity in the container. The suction tubes are much shorter than in the conventional powder center. These features translate into an even smoother powder flow and better coating results.

Automated color change

The overall design of the OptiCenter allows extremely quick color change. No separate tools are required, and all functions are integrated into the system.



Closed and efficient powder circuit



Take advantage of the MagicCompact quick color change system to power up your productivity!



The benefits of MagicCompact

- Very short cleaning times
- Automatic cleaning without any mechanism
- Powder quantity in the recovery circuit reduced to a minimum
- Optimal coating conditions inside the booth
- Space-saving design
- Easy integration into a broad variety of system concepts



The powder coating world of Gema



Gema

Your global partner for high quality powder coating

Benefit from our knowledge based on more than 40 years of electrostatic powder coating experience.

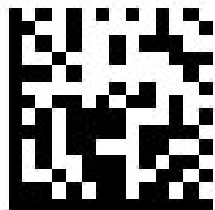
From simple manual coating units to fully automated powder coating systems, we offer the best possible solution to satisfy all of our customers in different countries and in different market segments, customers who all have their own individual needs and requirements. Our worldwide network guarantees professional service anywhere, anytime!

We make our customer's products more durable and attractive. Our finishing experts create the technologies, processes and materials that regularly set the standard for the industry.



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