

### THE MOST COMPACT COLOR CHANGE SYSTEM OF ALL TIME

Color changes are so easy!

The quick color change system MagicCompact opens new possibilities. Due to its compact design, the system can be configured to any space requirements and shortens color change times to a minimum.



- Quick and efficient color changes without entering the booth
- Continuous automatic cleaning of the booth floor
- No cleaning mechanics needed
- Short design, 700 mm distance only between lower edge of object and floor
- Powder quantity in the circuit reduced to a minimum
- Steady exhaust air extraction along the entire booth length



1

The continuous automatic cleaning of the booth floor minimizes powder accumulation in the plastic booth during the working process.

- Minimum powder accumulation on booth walls and floor
- Simple and quick cleaning without entering the booth
- Walk-in booth floor



2

The key to a quick and clean color change is the compact powder center. Equipped with an independent exhaust air system, it offers maximum user comfort!

As an option, the powder center can be upgraded with a fresh powder supply and a disposal system for used powders. Also available as an optional feature: an ultrasonic screen for highest coating quality.



3

Based on PC technology, the plant control unit MagicControl monitors the whole range of components, controls all parameters and stores important data.

The functions are comfortably controlled and monitored via the big touch screen. Optimum menu guidance avoids erroneous inputs. The link-up with superior systems is possible at any time. The powder guns are controlled via the field-proven OptiTronic control module. The precise process safety guarantees simple use, optimum coating results and powder savings.



5

Extraction volumes up to 24,000 m<sup>3</sup>/h guarantee that the MagicCompact system meets all requirements as a multicolor or monocolour configuration. Our filter units stand out for their extreme longevity and the cyclones reiterate with their high separation efficiency.



6

Our highly efficient powder guns OptiGun and OptiSelect are the heart of the powder coating plant.

They guarantee the best coating results and uniform powder deposition. The manual gun OptiSelect excels by its outstanding ergonomics and the low weight!



4

Whether short or long strokes: smooth operation and high loading capacity are the hallmark of ITW Gema's reciprocators. The positions and stroke heights of the reciprocators are automatically controlled via object recognition.

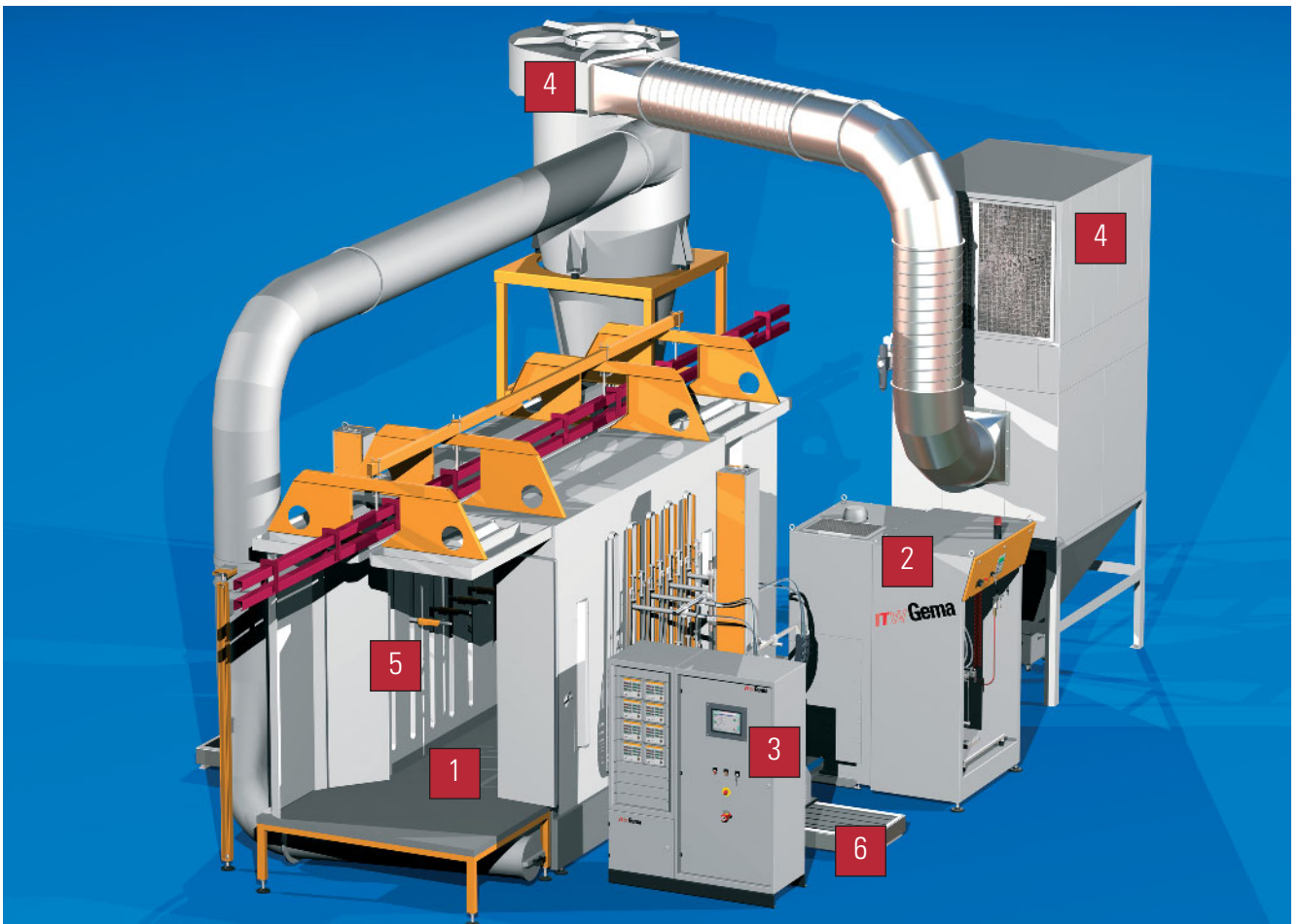






**The distance of 700 mm from the bottom edge of the object to the floor means more flexibility!**

That's why the compact and short design size of the Magic-Compact can be perfectly integrated into new and existing plant configurations offering you precious room to maneuver in the planning of your powder coating plant.



## Space-saving and compact design

The quick color change system MagicCompact can be designed in several variations. Whether as a pure automatic booth, with pre-coating or pre- and post-coating, the system adapts to your requirements. Despite its versatility, all layouts stand out for their compact design. The minimal distance from the floor to the lower edge of the object (700 mm) enables its integration into new and existing plant configurations.

## Shortest color changes

MagicCompact means color changes in record time. The short design, uniform extraction and patented cleaning system via shutters offer the shortest color change times. The booth floor is practicable and, according to the booth length, the cleaning process can be carried out without entering the booth.

## Outstanding air conduction and extraction performance

For a long period of time, ITW Gema's legendary filter band system MFR was the booth with the most uniform extraction. The MagicCompact system picks up the thread of this tradition and guarantees an absolutely steady extraction along the entire booth length. This is reflected in uniform layer thicknesses and highest coating quality.

## Powder savings and user comfort

You want to save powder? You want high user comfort? And all this coupled with highest coating quality? With the OptiTronic gun control, we offer you all in one! Because this control unit combines all advantages:

- Reproducible coating results at any time
- Reduction of the average coating thickness
- Consistent powder charging
- 255 coating programs storable
- Individually programmable coating parameters
- Control system extendable in different steps
- Optional DigitalBus/CANBus serial interface

## Individual plant configuration

Every quick color change system MagicCompact is configured to your requirements. We would be pleased to determine the optimum configuration for you in our state-of-the-art test lab.



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