

A complete range of solutions for quick color change

Magic Systems are easy to customize in booth dimensions, air volume, number and position of guns and touch-up stations.



Efficient powder
application

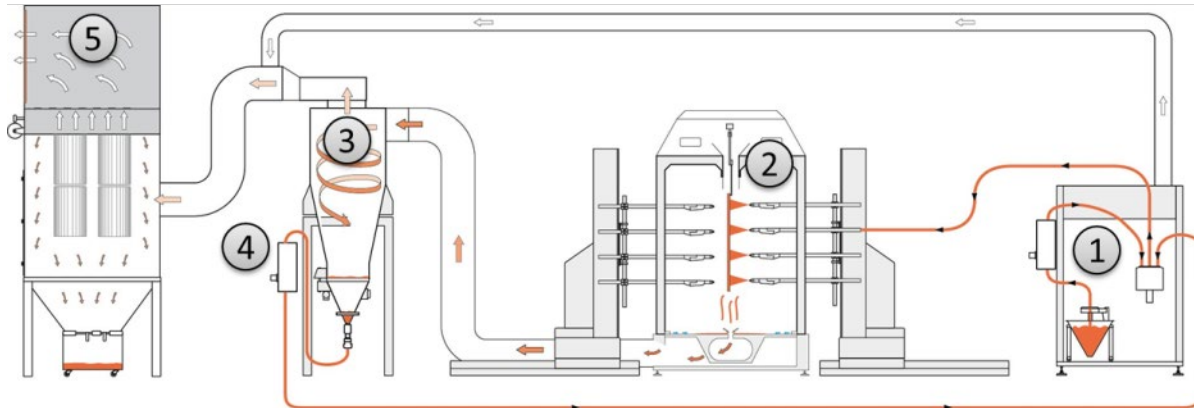


Quick
color change

Robust and reliable
for every need

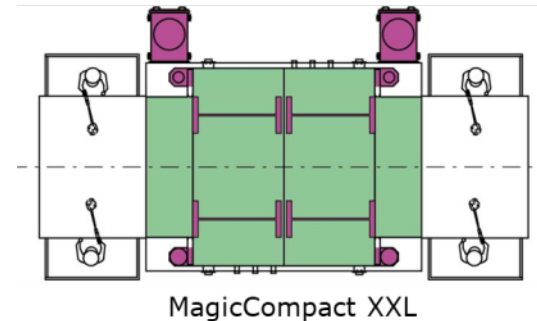
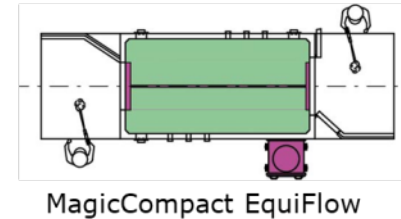
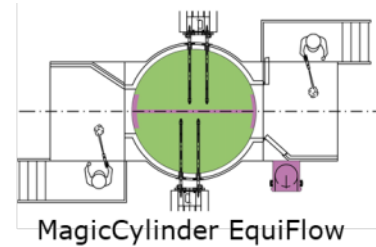
Magic Systems powder circuit

- From the feed station OptiCenter (1) the powder is transported to the electrostatic guns (2) that charge it and apply it on the pieces.
- The cyclone (3) separates the overspray powder from the extraction air.
- The pump (4) transports the powder back to the OptiCenter (1).
- A sieve integrated in the powder recovery circuit removes contaminants.
- The final filter (5) retains dust particles and clean air returns to the ambient.



Ideal solution for every customer's needs

- EquiFlow technology can be used in different layouts to accommodate every customer's needs
- **MagicCylinder** EquiFlow, the unique round-booth solution
- **MagicCompact** EquiFlow, the compact color change solution
- **MagicCompact XXL** for extra-large parts coating
- Optional pre/post manual coating in every solution
- **Great performance, robustness and easy maintenance in every solution**



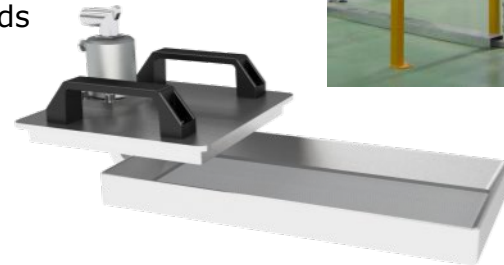
Powder feed station OptiCenter

- The **OptiCenter** is a key element of the system and offers significant advantages.
- **Clean** working environment
- **Ideal powder preparation** for Venturi injectors and AP01 pumps
- Integrated **ultrasonic sieve** to remove contaminants from fresh and/or recovered powder and ensure superior coating quality
- **Automated cleaning process**



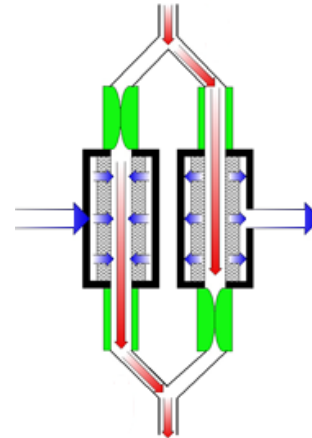
Cyclone and Sieving solutions

- Advanced cyclone design ensures **highest >95% separation efficiency** and guarantees minimal powder waste
- Easy cleaning for **faster color changes**
- A **robust vibratory sieve** integrated in the cyclone removes contamination
- An **high-quality ultrasonic sieve** in OptiCenter offers additional benefits:
 - High quality sieving of fresh and/or recovery powder
 - Different mesh sizes for various powders and throughput needs
 - Easy cleaning



OptiFeed 4.0 Powder Pump

- The **OptiFeed** pump ensures gentle and constant transportation of large quantities of powder
- **High powder transport capacity**
- Stable powder transport with **minimum compressed air** consumption
- **Automatic cleaning** for a fast color change
- Long lifetime of wear parts and service interval monitoring functions ensure **low maintenance costs**



Final Filter

- The **final filter** retains dust particles and returns clean air to the ambient.
- Rotating nozzle technology ensures very **efficient cleaning** while causing minimal stress to the filter material, resulting in long cartridge live time
- Self cleaning cartridges and air pressure monitoring **reduce filter maintenance**
- Designed for **minimal compressed air consumption**
- Frequency converter technology available to **reduce power consumption**



Multi color / single color combination

- A **switching device** is an attractive solution to combine the quick color change capabilities of a multi color recovery with the high recovery efficiency of a single color recovery.
 - **Easy and fast switching** between single and multicolor operation
 - **Contamination-free** operation
 - **Short ROI** and **space-saving layout** (compared to two dedicated systems)

