



***The World Leader in
Powder Coating Systems***



Magic Compact™ Series Powder Coating Booth

ITW Gema's Magic Compact powder coating system offers quick color change in a compact design that fits in any XTreme Color Change Environment.™



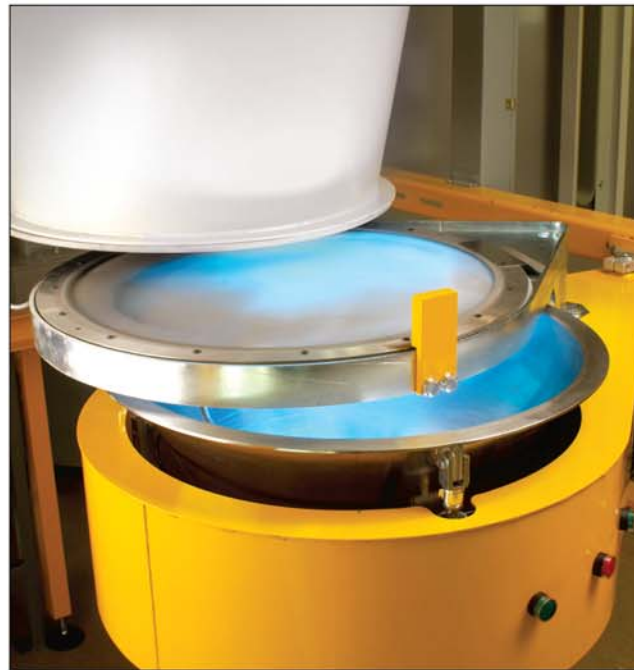
Superior By All Measures

1 XTreme™ Machine

- The Magic Compact is uniquely designed to **increase productivity** when quick color changes are required.
- Compact design **reduces powder accumulation**, making cleaning faster and easier.
- **Sturdy Luminaire™ upper structure**, built of non-conductive and smooth material, leads to improved transfer efficiency and less powder on the walls.
- **Integration with the Chameleon™ Color Management System** automates much of the color changeover process.
- Utilizing a design that **keeps floor space to a minimum**, color changes can be performed quickly and efficiently.
- Patented airflow extraction, **Twin-Air Deck™**, provides better control over application efficiency and the powder recovery process.
- The Magic Compact's fully integrated system gives you the **speed and flexibility** to powder coat more colors in less time.

2 XTreme Performance

- **Maximizes production coating time** to increase throughput.
- Combines a **proven cyclone** design with a compact booth for fast, efficient color changeover.
- The Magic Compact lets you change colors so quickly, there's often **no need for another booth**, reducing floor space requirements.
- Much of the cleaning process is automated, making your **color changes more repeatable and faster**.
- Luminaire booth construction provides the advantages of a **brilliant white interior for high visibility** during color change.
- **Powder is removed effortlessly** from the highly insulated, seamless, sandwich wall construction.
- **Twin-Air Deck provides uniform airflow extraction** across the entire length of the booth and continuous, automatic cleaning of the floor, keeping powder in process, not on the floor.
- **Manual coating capability is integrated** when required by the application.



The built-in sieve in the cyclone is easy to clean during color change.

3 XTreme Efficiency

- Magic Compact's **revolutionary powder-reclaim technology** redefines traditional cyclone concepts into a more efficient design.
- Features a field-proven cyclone, **designed specifically for fast color change** with high efficiency.
- Magic Compact offers extremely high **reclaim utilization efficiency**: up to 97%.
- Seamless, stainless steel ductwork is engineered to reduce the risk of color contamination, and is **maintenance free**.
- **Ultra-high transfer efficiency** of ITW Gema's application equipment maximizes material utilization.
- Downdraft technology and **unique Twin-Air Deck design** virtually eliminate build-up of oversprayed powder.
- Built-in sieve in the cyclone discharge **screens out contaminants**, and is easy to clean during the color change process.
- **Dense-phase-transport technology** uses less compressed air than traditional transfer pumps, and offers improved material handling of the recovered powder.



Manual coating capability is easily integrated when required by the application.

4 XTreme Intelligence

- The technologically advanced **Chameleon Color Management System** is an essential, integrated component of the Magic Compact System.
- When a color change is required, the operator selects the Chameleon's cleaning mode, engaging the **automated cleaning steps**.
- **The integrated PLC automates the cleaning** by pulsing compressed air over the gun exterior and throughout the interior powder path, including suction tube, pump, powder hose, and gun.
- The versatility of the Chameleon allows powder to be sprayed **directly from the powder manufacturer's original shipping container** for short color/production runs.
- The XTremely efficient, automated cleaning procedure virtually **eliminates color-contamination risk**.



XTreme Environments

If you're making multiple changes in a shift, or you require rapid color changeovers, then you're operating in an XTreme Color Change Environment, and you need equipment designed for that environment.



All units are covered by ITW Gema's unique 5-year warranty.



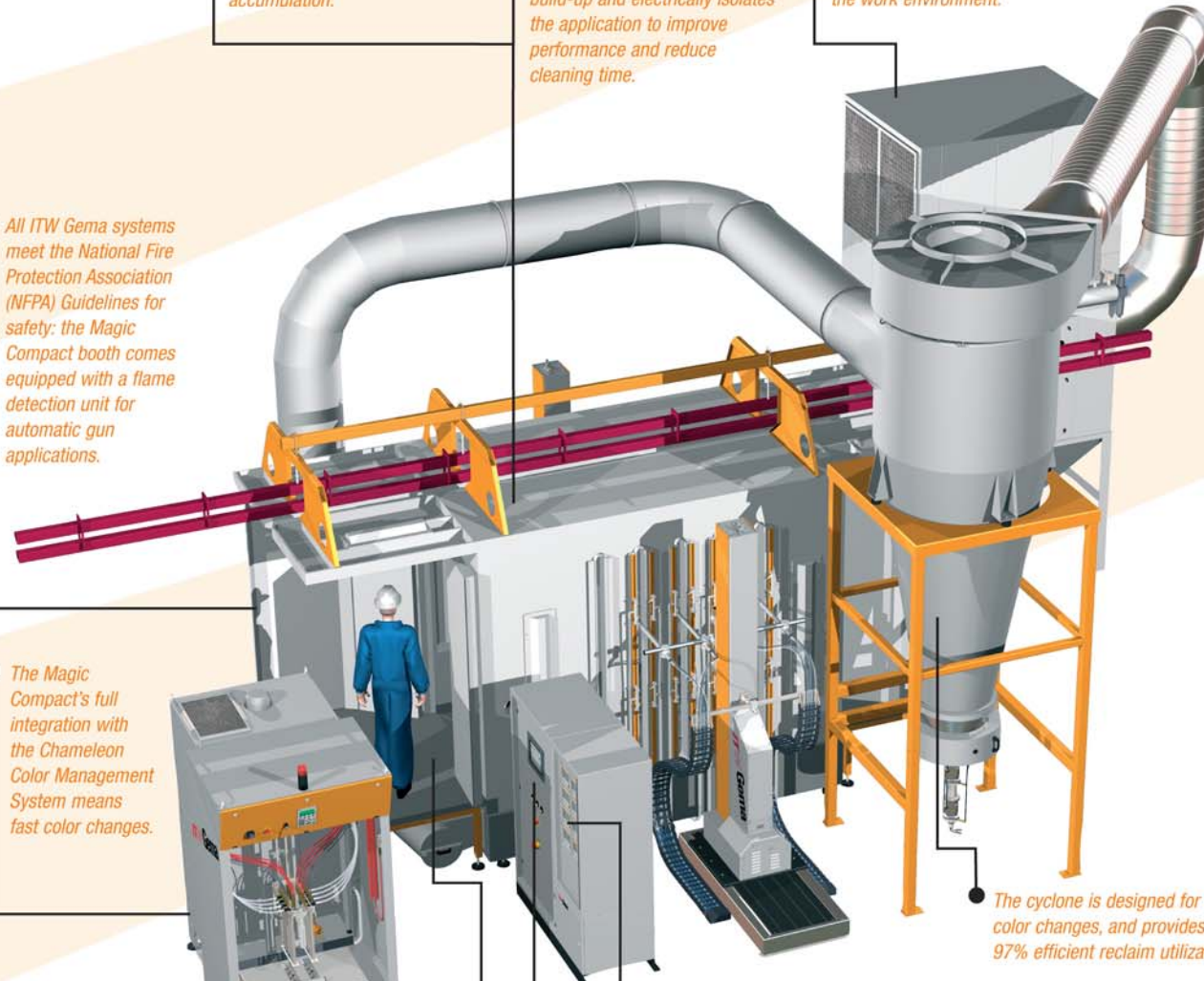
Magic Compact Powder Coating Operation

Compact booth design minimizes powder accumulation.

The Luminaire booth upper structure minimizes powder build-up and electrically isolates the application to improve performance and reduce cleaning time.

The cartridge collector filters the air before returning it to the work environment.

All ITW Gema systems meet the National Fire Protection Association (NFPA) Guidelines for safety: the Magic Compact booth comes equipped with a flame detection unit for automatic gun applications.



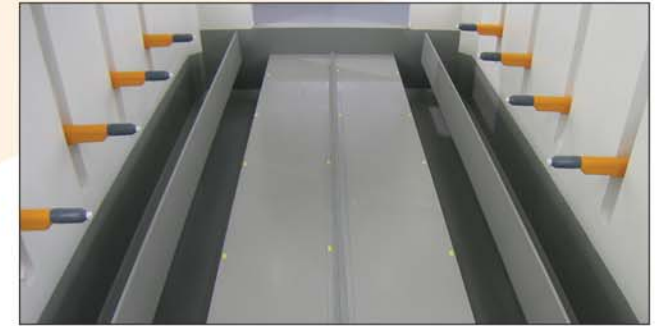
The Magic Compact's full integration with the Chameleon Color Management System means fast color changes.

The cyclone is designed for fast color changes, and provides up to 97% efficient reclaim utilization.

Twin-Air Deck floor design minimizes powder left in process and speeds up cleaning.

Automation can be added to manage the system, and with the Chameleon, the cleaning process is simplified.

OptiStar™ controls with automatic gun triggering uniformly apply powder to the parts, minimizing operating costs.



Twin-Air Deck floor design virtually eliminates build-up of "in-process" oversprayed powder.

What To Look For In Your Next Powder Coating System

- A booth that can handle multiple color changes in a single shift
- Easy-to-clean recovery system for fast color changes
- Options to automate and speed up the cleaning process
- Separation technology that virtually eliminates color contamination
- Material utilization capability of up to 97% efficiency
- Plastic booth upper structure for easy cleaning
- A booth that gives you optimum use of plant floor space
- A compact booth designed for faster cleaning
- Flexibility that meets your color change requirements
- Safe operational noise levels

Why Should I Buy A Magic Compact System?

- For XTreme Color Change Environments with multiple color changes in a single shift
- For XTreme performance: consistent fast color changes
- For XTreme efficiency: engineered cyclone recovery and ductwork system offering higher reclaim efficiency
- For XTreme intelligence: the PLC of the Chameleon Color Management System automates cleaning and streamlines color changeover

Number of Colors

Very High
(11 or more colors)

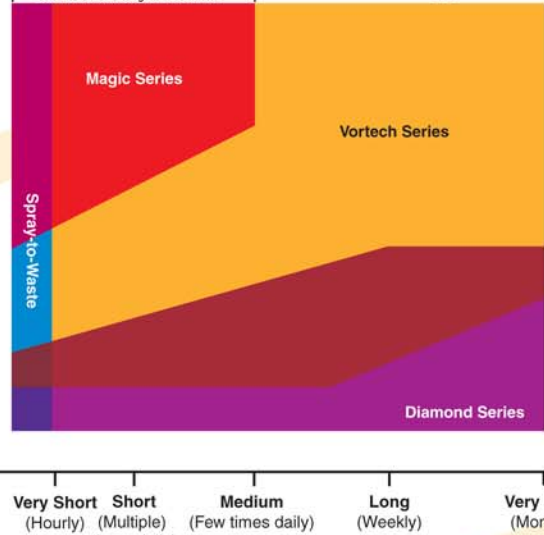
High
(7 - 10 colors)

Medium
(5 - 6 colors)

Few
(2 - 4 colors)

1 color

Areas of Application



Color Change Intervals



The improved cyclone is designed for optimum accessibility, making it easy to clean.

Service and Support

In addition to our unique five-year warranty, our products are supported by a dedicated service team. ServiceNet™ is our 24-hour, nationwide network of technicians and factory-trained distributors, ready to provide you with a high level of local support. In addition, we offer:

- Factory direct field service staff for emergency situations
- Repair center in Indianapolis, Indiana
- System installation and start-up assistance
- Product and/or powder testing
- Operator training in Indianapolis, Indiana (single-day or multi-day programs available)
- Field training programs by Factory Representatives
- Application expertise and coating support



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