



# ms<sup>®</sup> Powder Systems

## Designed for a Global Market Efficiency and Reliability in Coating Technology

*ms* quick color change cyclone systems are one of the most efficient and fastest color change systems on the market. Today's production requires flexible planning with many short runs of multiple colors and this booth is designed to meet these needs. With color change times of 6-10 minutes and a system efficiency of up to 97%, *ms* is an industry leader for color-change technology.

These booths are designed for a variety of products of various sizes and shapes and some allow for easy integration of robotics, scissors-lifts and additional platforms. High transfer efficiency can be attained through our state-of-the-art control center and gun positioning technology.

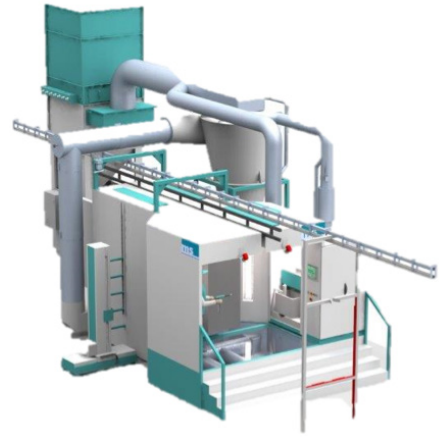
The *ms* quick color change concept of powder application, recovery equipment and intuitive controls integrated together, leads to reduced production costs and a faster payback.

## FEATURES AND BENEFITS

- Fast 6- to 10-minute color change time increases production
- Unique design of the cyclone delivers up to 97% system efficiency
- Sandwich wall booth construction reduces powder build-up on the walls leading to improved application efficiency
- Low volumes of powder in the system leads to optimal material utilization
- Bright LED lighting throughout the booth allows for improved part inspection and manual reinforcement
- Saves energy and reduces wear with *ms* system idle mode that engages when parts are not present
- Quiet operation, typically less than 80 dB

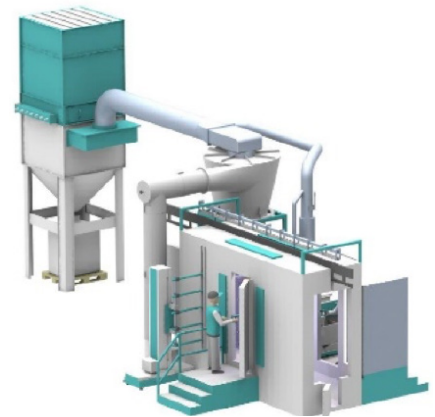
### Fast Color Change Open (FCO) Booth

- Integrated operator station promotes easy access to the control center, powder kitchen and part inspection
- Manual coating stations have adjustable downdraft suction
- Design options allow for manual coating stations to be pre- or post-automatic guns, or both
- The FCO booth is designed for a variety of products of various sizes and shapes and allows for easy integration of robotics, scissors-lifts and additional platforms
- Excellent interior booth illumination



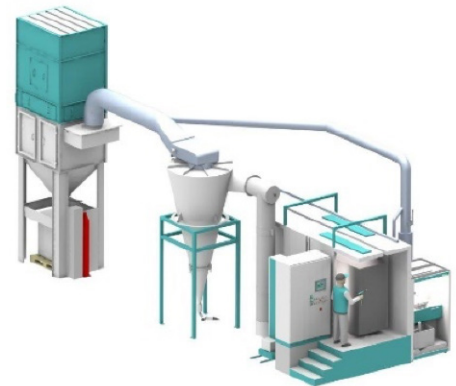
### Fast Color Change Closed (FCC) Booth

- Smaller footprint than FCO Booth for compact production areas
- Available with powder kitchen or hopper design
- Powder kitchen or hopper option are readily accessible to operator station
- Manual stations can be situated on both sides of the booth and have doors that can be closed when not in use
- Reclaims manual and over-sprayed powder
- Excellent interior booth illumination



### Fast Color Change Smart (FCS) Booth

- Smaller footprint than FCO Booth for compact production areas
- Commonly used to powder coat MDF and hardwoods
- Available with powder kitchen or hopper design
- Well suited for automatic gun applications only
- Allows for reduced cyclone and after filter sizing
- Excellent interior booth illumination
- Lowest cost of the three booth options



## Let's start a conversation

We want to work together to help answer your application challenges. To learn more about what we can offer, visit our website at [Carlisleleft.com](http://Carlisleleft.com) or call us today.



[youtube.com/CarlisleFluidTechnologiesGlobal](https://www.youtube.com/CarlisleFluidTechnologiesGlobal)



[@CarlisleFT](https://twitter.com/CarlisleFT)



[linkedin.com/company/carlisle-fluid-technologies](https://www.linkedin.com/company/carlisle-fluid-technologies)



North America  
EMEA  
China  
Japan

1.800.992.4657  
44.0.1202.57111  
86.21.33730108  
81.45.785.6421

marketing@carlisleleft.com  
marketing-uk@carlisleleft.com  
mkt\_cn@carlisleleft.com  
jp-rans-tokyosales@carlisleleft.com

