

# MS FCV Powder System

**Efficiency and Reliability  
in Powder Coating  
Technology**



## **MS FCV (Fast Color Change / Open Booth) quick color change powder coating system**



MS Powder Systems are successfully implemented through-out the world providing end users with the latest in fast color change booth system technology.

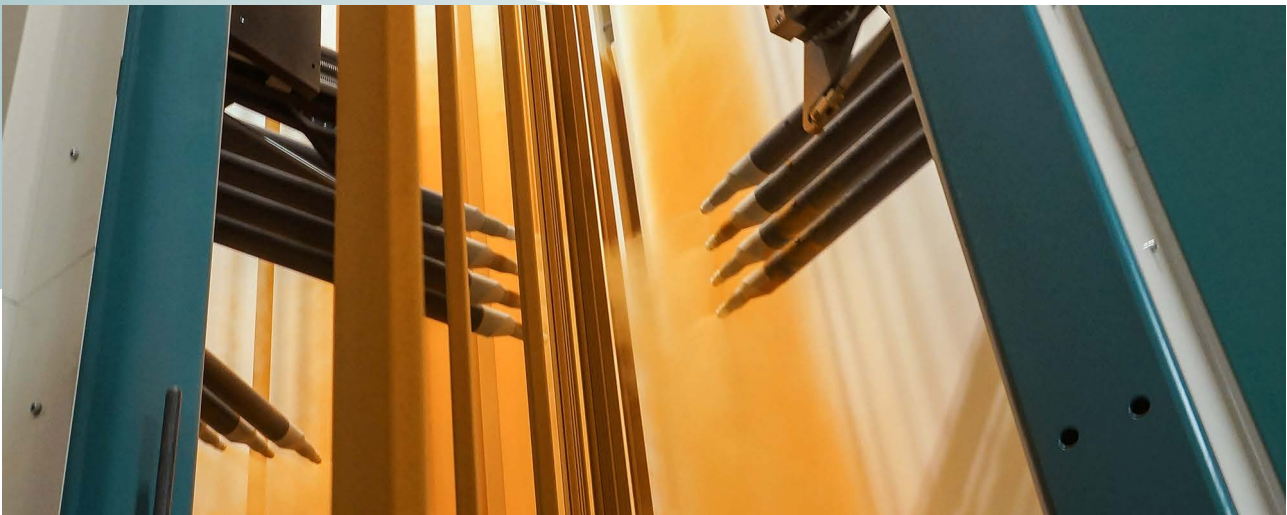
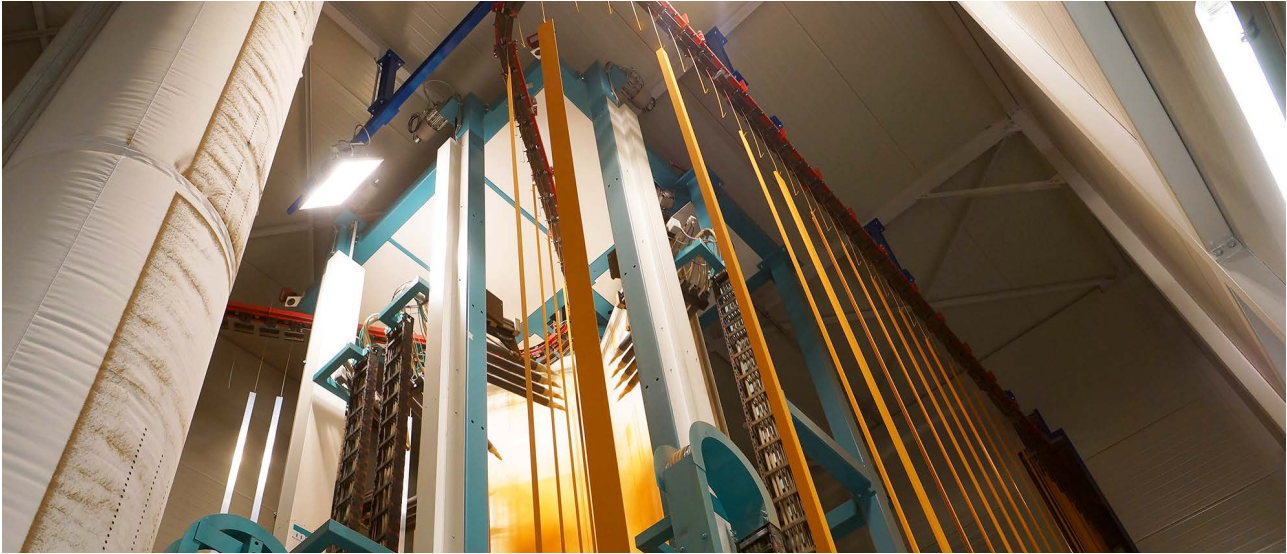
An ever increasing variety of colors and products, combined with smaller production batch sizes, requires an ever greater degree of flexibility in powder coating booth system designs. With the latest MS Quick color change concepts, the booth enclosure, powder kitchen, powder circulation, recovery, application equipment and control technology are all optimally coordinated harmoniously through a user friendly PLC operating system. The concept results in a particularly advantageous cost to use ratio and fast amortization.

FCV (Fast Color Change / Vertical) powder coating booth systems are designed for coating of long vertically suspended shapes, such as aluminum profiles.

Color change in the FCV booth is fully automated. Sidewalls and booth floor are continuously moving belts designed to not permit powder to build-up in the enclosure. Color change is PLC controlled and completely automatic.



# MS FCV Powder System



## MS Model FCV Booth Features

Increased productivity, color change in \*six-minutes, or less in full recovery mode.

\*Note : It depends on the color to be changed, the size of the booth, and the level of skill of the workers.

Improved operation efficiency, due to MS innovative moving floor and side wall belt cleaning technology.

Increased over-all system efficiency due to unique self-cleaning MS cyclone design, up to 97%.

Minimal use of powder coating material in circulation at any given time, with optimum amount of material in circulation, due to sophisticated PLC control sensors being utilized.

High automated through-put with minimal personnel operating costs.

Small foot-print of automatic section improves efficiency and time of automated booth enclosure clean-up.

Quiet operation, typically less than 80-dba.

**ms®**

**CFT Ransburg Japan KK**

15-5, Fukuura 1-chome, Kanazawa-ku, Yokohama, Kanagawa Japan 236-0004  
TEL : +81-45-785-6421 / FAX : +81-45-785-6517

<http://www.carlisleleft.co.jp/>

©MS and Ransburg are a registered trademark of Carlisle Fluid Technologies.

For more information, please contact: