# MS FCC
# Powder Booth System

**Efficiency and Reliability in Powder Coating Technology**

## MS FCC quick color change powder coating system with X-Y-Z axis positioning application equipment

**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 fast 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.

The FCC (Fast Color Change) booth can be configured for various configurations, including fully automated operation, robotic application, with or, with-out integrated external manual touch-up stations.

CARLISLE FLUID TECHNOLOGIES

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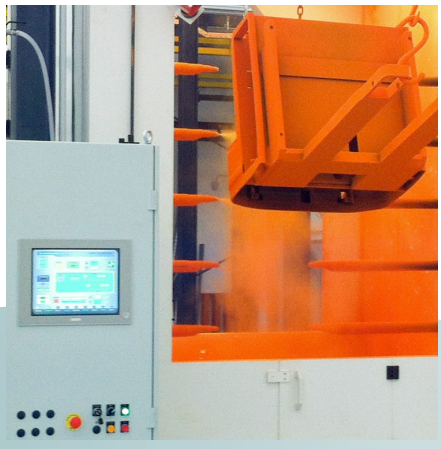
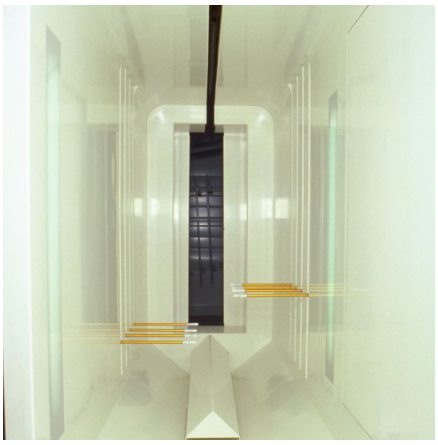
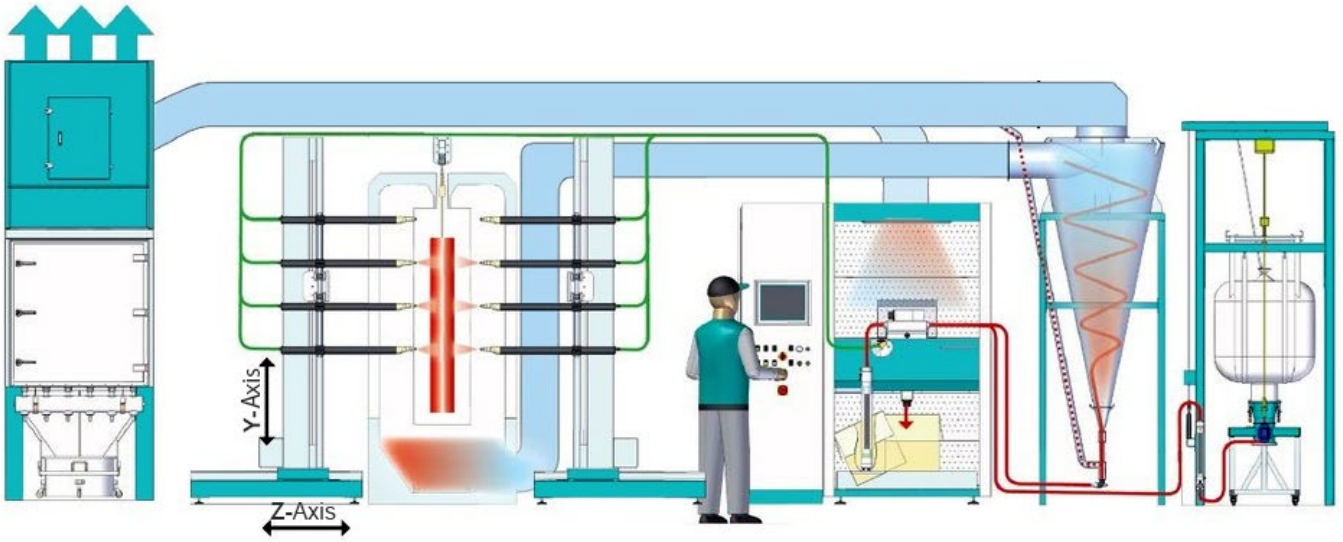


Conveniently located PLC Touch Screen operator interface provides monitoring and control of all system functions.



Automated coating of complex parts with reciprocators and base movers.




| MS Model FCC Booth Features |
|---|
| Increased productivity, color change in *six-minutes, or less in full recovery mode.<br>*Note : It depends on the color to be changed, the size of the booth, and the level of skill of the workers. |
| Improved application efficiency, due to MS double wall PVC sandwich cabin booth construction. |
| Increased over-all powder 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. |
| Booth design can be configured for multiple applications, including fully automated or robotic applications, with, or with-out external manual touch-up stations. |
| Small foot-print of automatic section improves efficiency and time of automated booth enclosure clean-up. |
| Quiet operation, typically less than 80-dba. |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