

# PRODUCT OVERVIEW

# FCB Powder Booth System





### Product type:



#### **FCB Powder Booth System**

- As products diversify and production shifts to smaller batches, flexibility in powder coating booth system design becomes essential. With the latest MS fast color change technology equipped with an easy-to-use PLC (process control), we offer an optimal combination of booth, powder kitchen, powder circulation, powder recovery, coating equipment, and control technology. This results in excellent cost-effectiveness and rapid return on investment.
- The FCB (Fast Color Change / Belt) powder coating booth system uses a self-cleaning floor to prevent the accumulation of large volumes of powder inside the booth. By continuously removing excess powder, the overall booth efficiency is improved even during high-frequency color change operations. The system supports not only automatic coating but also manual touch-up spraying.













MS FCB High-Speed Color Change Powder Coating System



#### **Features of the FCB Powder Coating Booth System**

In full recovery mode, color changes can be completed in \*under 6 minutes, enhancing productivity.\* Depending on the color being changed, booth size, and operator skill level.

The MS dual-wall PVC sandwich cabin booth structure improves coating efficiency.

A continuously self-cleaning conveyor belt prevents powder accumulation during long operations, enhancing the system's overall efficiency and usability.

The unique self-cleaning MS cyclone design improves system operating efficiency up to 97%.

Equipped with high-performance PLC-controlled sensors that minimize the use of circulating powder coating material.

Compact installation footprint of the automatic equipment makes booth cleaning tasks easy.

Quiet operation with typical noise levels below 80 dBA (decibels).

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