

Binks



Fast Color Change Booth System

Efficiency and Reliability in Powder Coating Technology

Ransburg powder systems are integrating advanced fast color change technology into operations worldwide. Our innovative systems streamline the color change process, making it swift and efficient. This empowers businesses to boost productivity and achieve impressive results with every application.

The increasing variety of colors and products, combined with smaller production batch sizes, requires greater flexibility in the design of powder coating booth systems. The Ransburg Quick Color Change concepts ensure optimal coordination and integration of the booth enclosure, powder kitchen, powder circulation, recovery systems, application equipment, and control technology through an easy-to-use PLC operating system. This approach results in a highly favorable cost-to-use ratio and allows for rapid amortization.

An FCO powder coating booth system design features a spacious and well-lit manual coating touch-up station. To maintain a clean working environment, powder cannot accumulate on the floor, as the entire area is properly ventilated through a grated exhaust system.

MODEL FCO BOOTH CHARACTERISTICS

- Increased productivity, color change in six-minutes, or less in full recovery mode.
- Improved application efficiency, due to double wall PVC sandwich cabin booth construction.
- Increased over-all powder system efficiency due to unique self-cleaning 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.
- Walk-in booth design for manual coating area, with exhaust extraction and grating for pre- and / or post-coating operations.
- Small foot-print of automatic section improves efficiency and time of auto-mated booth enclosure clean-up.
- Quiet operation, typically less than 70-dba.

FCO Powder Booth System



Ransburg FCO powder booths are equipped with Cyclone powder recovery units, ensuring efficiency and reliability. The booth features advanced technology, including A4 automatic guns and M5 manual guns for the manual coating area. Our guns provide a high-quality finish while minimizing back ionization.



The Powder Kitchen can be used to supply and control any multiple color change system. The Kitchen features fully automated powder supply from the material suppliers' original packaging, as well as supply monitoring, integrated screening and automatic cleaning.



Reciprocators with combination X-Y-Z axis controls. Our reciprocators offer reinforced carriage in solid steel construction, toothed belt drive with deflection rollers and counter weight guide.



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For more information, visit [binks.com](https://www.binks.com).



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