

SUPERCUBE & SUPERTECH AUTOMATIC BOOTH SYSTEMS

COLOR CHANGES IN AS LITTLE AS FIVE MINUTES!



Exclusive Features for Extraordinary Results

SuperTech incorporates a *true double-wall canopy* for the most effective electro-barrier in powder application today. The true double-wall canopy means there is an air gap between the interior and exterior skins of the booth. This provides an unmatched electro-barrier because air is an excellent electrical insulator providing higher transfer efficiency and minimal powder deposits on the wall. Even the geometry of the roof is designed to create the best possible powder coating environment. The unique gambrel roof configuration places the top of the workpiece further into the booth compared to typical flat-roof designs. The polymers used in this canopy construction are UL 94-VO flame-rated (self-extinguishing), achieving the highest level of safety.

SuperTech's *full-length dual down-draft design* provides a soft-draw environment. Full-length means the reclaim intake slot runs the full length of the booth, gently distributing the intake throughout and eliminating the high velocity hot spots associated with competing configurations, which cover only a fraction of the booth

length. Wagner's dual design incorporates *two* intake slots for the reclaim, which run along either side of the booth, not the center. This configuration increases the distance between the workpiece and the reclaim intake for the optimum powder cloud hang-time, in effect eliminating the problems associated with higher velocity, singular-centered designs.



DESIGN INNOVATIONS

- Self-cleaning duct design
- Multitude of automated cleaning options
- Constructed of U.L. 94 V-0 flame-rated material
- Down-draft path extends the entire length of the booth x 2

SAVES TIME, POWDER, MONEY, AND LABOR

Saves Time

- Five-minute color changes can be achieved
- Automated floor cleaning
- Automated external gun cleaning
- Automated gun and pump purge
- Automated doors

Saves Powder

- Very high transfer efficiency
- Automated continuous floor cleaning reduces powder in the process
- Automated gun movement and triggering conserves powder

Saves Money

- Efficient air consumption
- Efficient electrical consumption

Saves Labor

- Automated cleaning features assist operators
- Automated applications reduce or eliminate manual touch-up



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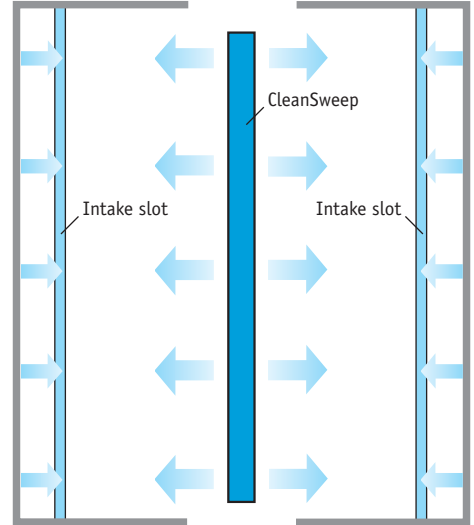
Booth Innovations Improve the Production Process



A multitude of automated and self-cleaning options are also available that can drive color change time to as little as five minutes. From ducts designed with self-cleaning properties,

to automated floor-cleaning options, Wagner Systems has put technology and decades of global experience together to break new horizons in powder coating.

- CleanSweep keeps the floor clean and blows the powder into the extraction slot.
- The floors of the booth can be walked on, facilitating cleaning and maintenance work.
- Excellent illumination of the booth and manual coating stands.
- Extraction of overspray on both sides throughout the length of the booth. This creates a uniform air speed.
- High transfer efficiency effectiveness due to low booth floor and vertical airflow.
- No powder deposits due to optimization of the air flows in the extraction channels (twister effect).



• CleanSweep – Automatic Floor Cleaning



• Automatic Gun Cleaning System

RECIPROCATORS



EBA-1 with positioning trolley

Movement Technology for all Coating Tasks

The automatic electric reciprocators are subjected to constant loading, so the reliability and robustness of the reciprocator mechanism is of particular importance.

Automatic Reciprocator EBA-1

Due to its motor rating of 0.75 kW, it is best suited for simple serial coating processes.

- Stroke speed up to 130 ft/min.
- Load capacity up to 33 lb.
- Reciprocator slide with 12 guide rollers
- Adjustable limit switches

The Powder Supply for Multi-Color Operations

- Powder circulation operation
- 2 vibration tables for light/dark operation (optional)
- Simple operation through a control panel
- Option of integral powder extraction, 2,355 CFM
- Automatic fresh powder dosing with level monitoring



POWDER CENTER



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