The manual coating booth COLO-S series are ideal for small batches and highest quality. **Value • Flexibility • Performance**

**KF-S-1517**

- 100% Polyester filters, quick-release type

**KF-S-2315**

- Simple PLC control unit

## THE ADVANTAGES OF THE KF-S BOOTH:

- Powder coated steel booth, moveable
- Delivered ready for connection
- Integrated illumination
- Mobile powder collecting hopper
- Simplified filter cartridge for changing
- Supervision of minimal exhaust air volume

### Technical Data

<table>
<thead>
<tr>
<th></th>
<th>KF-S-1517</th>
<th>KF-S-2315</th>
</tr>
</thead>
<tbody>
<tr>
<td>No.of filter elements</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Extraction volume</td>
<td>4000Nm3/h</td>
<td>6600Nm3/h</td>
</tr>
<tr>
<td>Fan power, effective</td>
<td>2.2kw</td>
<td>4.0kw</td>
</tr>
<tr>
<td>Voltage/Frequency</td>
<td>3x380-420V/50HZ (or as request)</td>
<td></td>
</tr>
<tr>
<td>Compressed air consumption</td>
<td>15Nm3/h/6bar input pressure</td>
<td></td>
</tr>
<tr>
<td>Weight (approx.)</td>
<td>480kgs</td>
<td>580kgs</td>
</tr>
</tbody>
</table>

### Booth dimensions

<table>
<thead>
<tr>
<th></th>
<th>KF-S-1517</th>
<th>KF-S-2315</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>1500(1580) mm</td>
<td>2300(2550) mm</td>
</tr>
<tr>
<td>Depth</td>
<td>1000(2000) mm</td>
<td>1500(2100) mm</td>
</tr>
<tr>
<td>Height</td>
<td>1700(/2150) mm</td>
<td>1500(2240) mm</td>
</tr>
</tbody>
</table>

[www.powder-gun.com](http://www.powder-gun.com)
Tunnel Booths

- This booth is having side doors & article holding track entry & exit is from side through doors.
- By this way material handling is systematic i.e. from one side entry, coating & then exit from other side.
- If for spraying two side, could make 2 operation doors.
- In exceptional case, if article is very long then a door can be kept open & coating is done step by step by moving article slowly.
- In this case recovery will be reduced.

**Model: KF-S-2152**

<table>
<thead>
<tr>
<th>Booth Type</th>
<th>Closed-drive-thru</th>
<th>Frequency</th>
<th>50-60Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operator dimensions</td>
<td>1400<em>1800</em>1000(W<em>H</em>D)</td>
<td>Filters</td>
<td>Polyester</td>
</tr>
<tr>
<td>Overall dimensions</td>
<td>2500<em>2300</em>1500(W<em>H</em>D)</td>
<td>Filters count</td>
<td>2</td>
</tr>
<tr>
<td>Weight</td>
<td>450kg</td>
<td>Filters hang type</td>
<td>easy for change</td>
</tr>
<tr>
<td>Power supply</td>
<td>Electric</td>
<td>Filter cleaning system</td>
<td>Pneumatic</td>
</tr>
<tr>
<td>Nominal power</td>
<td>3.5kW</td>
<td>Air consumption</td>
<td>10,200m³/h</td>
</tr>
<tr>
<td>Voltage</td>
<td>380V</td>
<td>Warranty</td>
<td>12 months</td>
</tr>
</tbody>
</table>

www.powder-gun.com
Special for LPG cylinder

**KF-S-3145**

Tunnel type with rotatable hanger and track on the top of spray booths suitable for spraying all round or cylinder parts.

With one hand spraying door and a automatic operating door

<table>
<thead>
<tr>
<th>Booth Type</th>
<th>Drive-thru</th>
<th>Frequency</th>
<th>50-60Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operator dimensions</td>
<td>1400<em>1800</em>1000(W<em>H</em>D)</td>
<td>Filters</td>
<td>Polyester</td>
</tr>
<tr>
<td>Weight</td>
<td>750kg</td>
<td>Filters count</td>
<td>4</td>
</tr>
<tr>
<td>Power supply</td>
<td>Electric</td>
<td>Filters hang type</td>
<td>easy for change</td>
</tr>
<tr>
<td>Nominal power</td>
<td>5.5kW</td>
<td>Filter cleaning system</td>
<td>Pneumatic</td>
</tr>
<tr>
<td>Voltage</td>
<td>380V</td>
<td>Warranty</td>
<td>12 months</td>
</tr>
</tbody>
</table>
The coating booth is designed for the double-sided automatic or manual coating with a conveyor system.

Parts enter the booth through the conveyor openings, then pass the coating operator stations to receive the coating. The powder overspray is entrained within the air stream moving to the collector module, where the cartridge filters will remove the particulate. The containment air is drawn through the air handler’s primary and final filter system before being discharged back into the room. Coated parts exit the booth for conveyance to the cure oven.

**Operator dimensions**
620 width x 1500 height x 2920 depth (2PCS)

**Overall dimensions**
1200 width x 2033 height x 3000 depth

**Weight**
500kg

**Power supply**
Electric

**Nominal power**
3.5kW

**Voltage**
380V (can be different as request)

**Frequency**
50-60Hz

**Filters**
Polyester

**Filters count**
3

**Filters hang type**
easy for change

**Filter cleaning system**
Pneumatic

**Warranty**
12 months
Mono-cyclone fast color change powder coating booth

- The bottom of spray booth equipped with an automatic device and automatically air knife keep the bottom always no Powders stay.

Cyclone bottom cone bucket can be quickly separated from the barrel for easy cleaning.

Mono-cyclone Separator

- Mono-Cyclone single-tube structure makes clean up shorter color change.
- Mono-cyclone separation rate of up to 98%.
- Disc Cone bucket and cylinder junction of the filter shaking motor efficiency vibration screening.
- Removable disk cleanup filter with change.
- Bevel the bottom of the bucket can be configured to work in alternate double balloon valve.
- Bevel the bottom of the bucket can be configured to pump fluidized powder + powder pump delivery forms.
- Exhaust pipe at the bottom end face of the circular cover plate can be quickly disassembled for cleaning.
Plastic powder coating booth for fast color changes!

Comparing with the metal spray booth, the PVC powder coating booth has obvious technical advantages:

- In the high-voltage electrostatic field, inner wall of PVC booth brings the charge with the same polarity as the powder particles, making the inner wall's rebound effect on the powder particles because of homogeneous repulsion, so that more powder can gather to the workpiece, which effectively improve the spraying efficiency.

- Less powder adsorption to the inner wall makes less powder go through the powder coating equipment, achieving high powder utilization to save powder.

- High efficiency of the bottom exhaust, matching with the discharge device of "large-diameter double-whirlwind powder separator + terminal filter", makes the least powder accumulation and the most environmental-friendly emission.

- Air compressed gun can easily blow off the powder that has attached to the booth wall, helpful to rapid cleaning.

- According to the production requirment, you can choose appropriate type of automatic powder coating control center to improve the main task of spraying, to save time and energy.

- Variable frequency stepless speed regulation reciprocator can carry automatic spray gun perfectly, and complete the spraying task successfully.

- Optional powder self-recycling feed center ensures maximum utilization of powder and least waste, so you don't need to worry about the automatic powder recovery, filtering and powder return to the powder hopper.

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Multi Recovery System

- Multi-pipe type small cyclone make the contact area of powder separation more.

- Molding guide vanes make ventilation more stable uniform volume and the bottom of the powder hopper quickly removed and the side access windows make clean up easier.

- Compact structure, small size, not require so many in the space for workshop.

- You can choose to configure multiple small cyclone unit performed easily and quickly change color.

After filter system

- Multiple filters make filtering area enough.
- The efficiency of filter is up to 99%.
- The precision of filter can reach 2-5 microns.
- Advanced rotary wing filter for cleaning system.
- Automatic pulse-type counter blowing cleaning control models make the operation condition of the filter better and longer life time.

- Air package to ensure that the air flow and air pressure to clean up when you make a more thorough clean-up.
- Several side access window clean-up easier.
- Top-mounted exhaust fan with ventilation so that the form of least resistance.
- Top fan room side panel can be removed to facilitate later maintenance.

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Single grade filter element powder recycle powder coating booth

- The economic and widely used powder recycle system
- Powder recycle rate it is about 98-99%
- Only suit for simple coating (2-5 colors)
- Simple and reasonable structure, easy to maintenance

<table>
<thead>
<tr>
<th>Model</th>
<th>KF-S-Basic Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Booth Type</td>
<td>filter type</td>
</tr>
<tr>
<td>Operator dimensions</td>
<td>W800<em>H2000</em>D6000mm</td>
</tr>
<tr>
<td>Overall dimensions</td>
<td>W1200<em>H2500</em>D7000mm</td>
</tr>
<tr>
<td>Voltage</td>
<td>As required</td>
</tr>
</tbody>
</table>