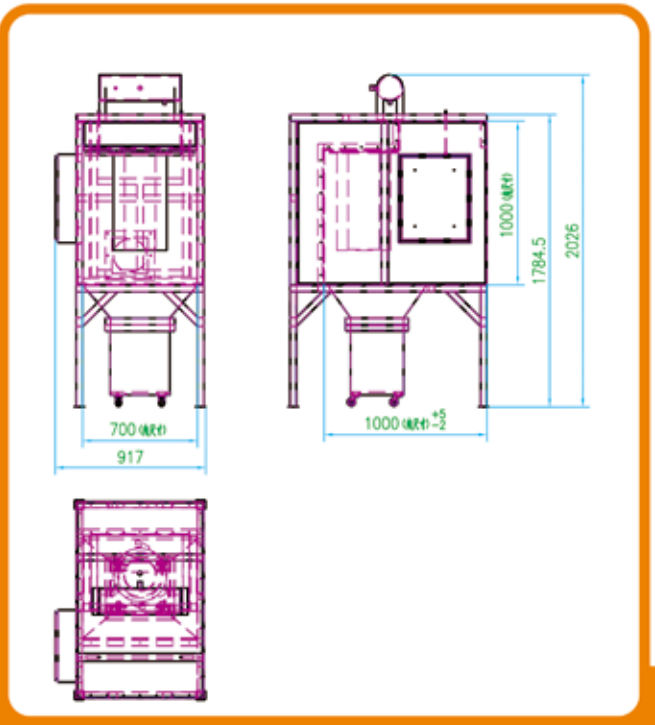
Powder Coating Booth

Small Portable wheel powder coating spray booth filters

This Small powder coating spray booth is designed for wheel coating work. with one powder coating filter which can recovery the powder, with one powder collector cabin, which can collect the powder.





COLO-S-0711

Model:	COLO-S-0711
Booth Type:	close
Operator dimensions:	700W x 1000 H x 1000 D
Overall dimensions:	917W x 2026H x 1220 D
Weight:	200kg
Power supply:	Electric
Nominal power:	1.5kW
Voltage:	380V
Frequency:	50-60Hz
Filters:	Polyester
Filters count:	1, filter size 325*600
Filters hang type:	easy for change
Filter cleaning system:	Pneumatic



Powder Coating Booth

Value • Flexibility • Performance





COLO-S-1115

Application:

- This powder spray booth is an economical solution for basic powder coating operations, with filter powder collecting system.
- For job shops, first-time powder coating and to assist large in-house powder coating operations, this powder spray booths offer a variety of configuration options.

Feature :

- Economic, Easy Operation, good for small work piece
- Durable, long-life powder-coated steel structure with high-quality galvanized canopy and floor
- Requires only quick, easy connect electrical and pneumatic to start production

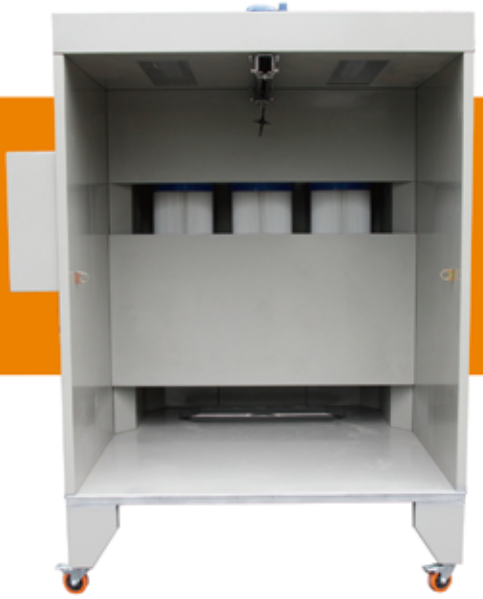
TECHNICAL DATA:

Model	COLO-S-1115	**Voltage**	380V
Booth Type	Closed	**Frequency**	50-60Hz
Operator dimensions	1000x1500x1000(W*H*D)mm	**Filters**	Polyester
Overall dimensions	1200x2000x1500(W*H*D)mm	**Filters count**	2
Weight	200kg	**Filters hang type**	easy for change
Power supply	Electric	**Filter cleaning system**	Pneumatic
Nominal power	1.5kWt	**Warranty**	12 months

Powder Coating Booth

The manual coating booth COLO-S series are ideal for small batches and highest quality.

Value • Flexibility • Performance



COLO-S-1517



COLO-S-2315



100% Polyester filters, quick-release type





simple PLC control unit

THE ADVANTAGES OF THE COLO-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	COLO-S-1517	COLO-S-2315
No.of filter elements	3	4
Extraction volume	4000 m3/h	6600 m3/h
Fan power, effective	2.2kw	4.0kw
Voltage/Frequence	3 phases 380V/50HZ (or as request)	
Compressed air consumption	15 m3/h/6bar input pressure	
Weight (approx.)	480kgs	580kgs

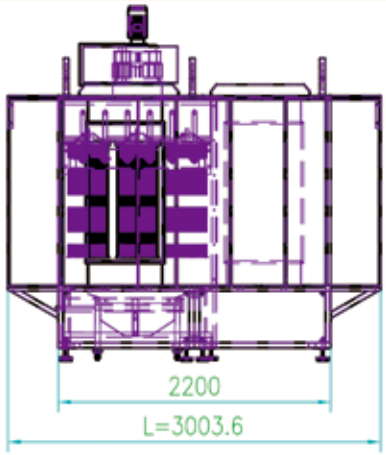
Booth dimensions

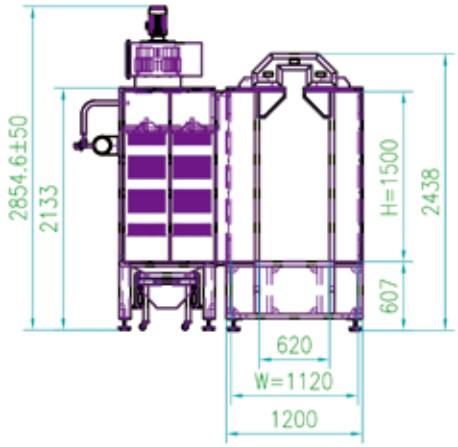
Width	1500(1580) mm	2300(2550) mm
Depth	1000(2000) mm	1500(2100) mm
Height	1700(/2150) mm	1500(2240) mm

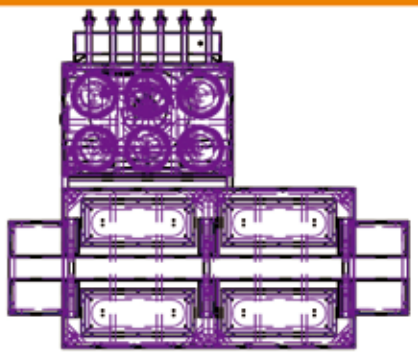
Tunnel Powder Coating Booth

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 re - move 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.









COLO-S-3212



Operator dimensions
620width x 1500 height x3000 depth
Overall dimensions 1200width x 2289 height x 3000 depth
Weight900kg
Power supply Electric
Nominal power 5.5kW
Voltage 380V(can be different as request)
Frequency 50-60Hz
Filters Polyester
Filters count 6
Filters hang type easy for change
Filter cleaning system Pneumatic
Warranty 12 months

Walk in Powder Coating Booth

Walk-in Booths

Walk in Booths (also called Cabin Booths) are ideal when coating large and bulky or heavy parts.

As the name suggests, after the part to be coated has been rolled into the cabin, the operator walks in and coats the parts from all sides.

These parts are then rolled out directly into the powder curing oven.

These booths find use in batch system for control panels, cabinet, large iron cast products, etc.

Walk in Booths also could have mono Cyclones as a recovery system.



COLO-S-3222

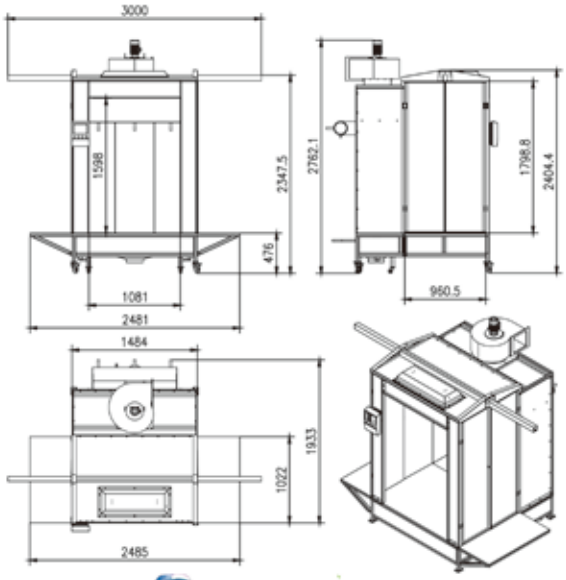


COLO-3924

Model	COLO-S-3222	COLO-3924	COLO-3217
Working dimensions	W2300 *H1850 *D1500mm	W3900 *H2400*D2400mm	W3000 *H2000*D1700mm
Overall dimensions	W2504 *H2169*D2002mm	W4013 *H3347*D2713mm	W3203 *H2168*D2200mm
Filters count	4 pcs.	12 pcs.	5 pcs.
Nominal power	4kw	5.5kw	4kw
Nominal voltage	As required	As required	As required
Air consumption	4000m3/h	8000m3/h	4000m3/h

Tunnel Powder Coating Booth

Value • Flexibility • Performance



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.



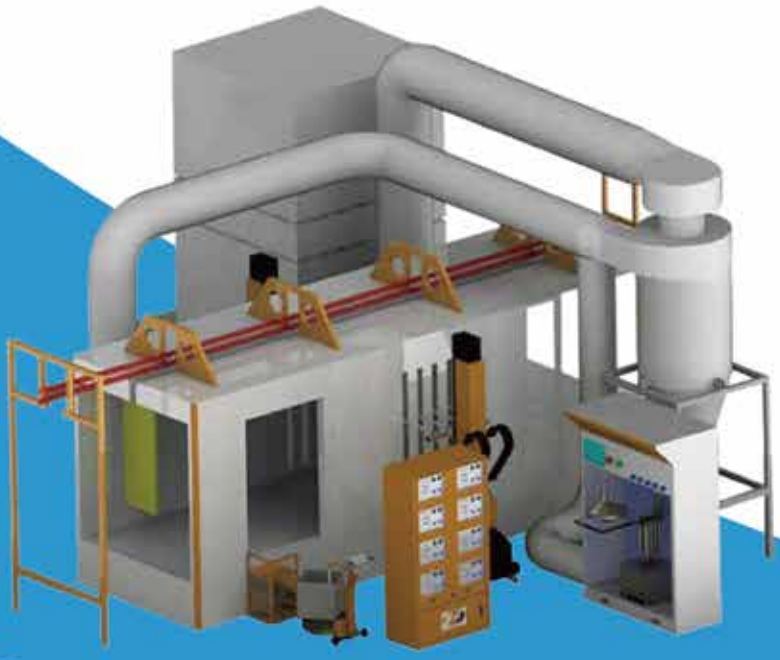


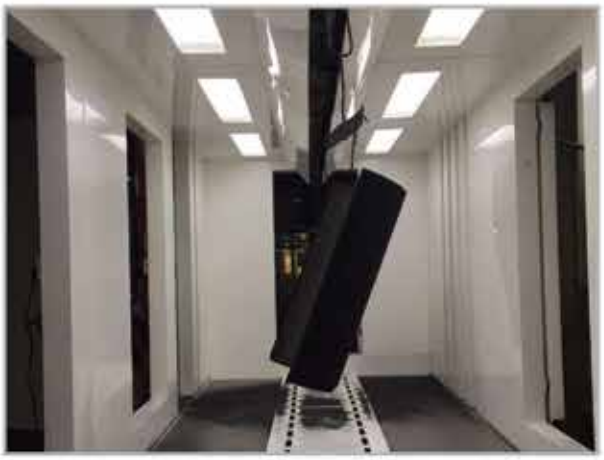
COLO-S-2152

Model:COLO-S-2152

Booth Type	Closed-drive-thru	**Frequency**	50-60Hz
Operator dimensions	1400*1800*1000(W*H*D)	**Filters**	Polyester
Overall dimensions	2500*2300*1500(W*H*D)	**Filters count**	3
Weight	450kg	**Filters hang type**	easy for change
Power supply	Electric	**Filter cleaning system**	Pneumatic
Nominal power	2.2kW	**Air consumption**	10,200m3/h
Voltage	380V	**Warranty**	12 months

Mono-Cyclone Powder Coating Booth





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

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.

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 he 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

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

Fast Color Change Powder Coating Booth



OPTIONAL

A variety of bottom recycling methods are available for customers to choose from, suitable for all types of workpieces.



A



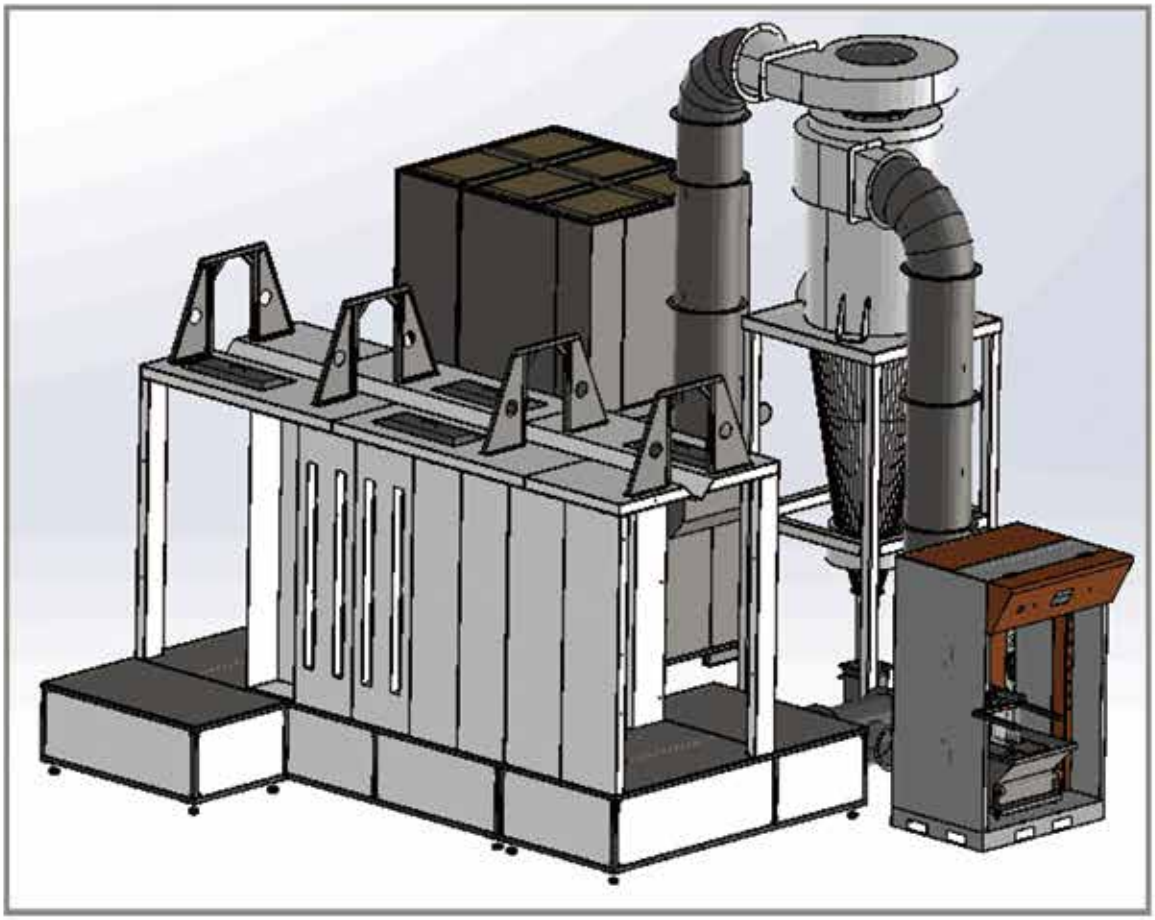
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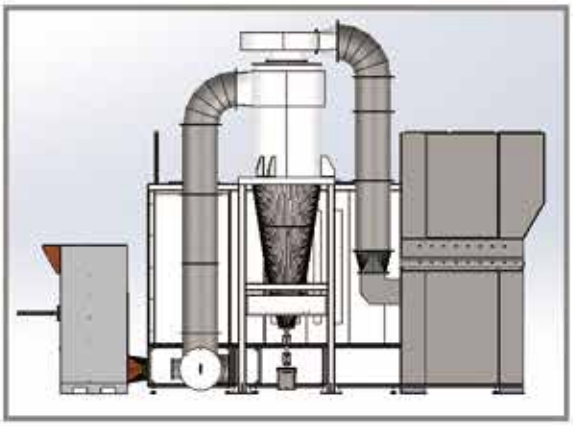


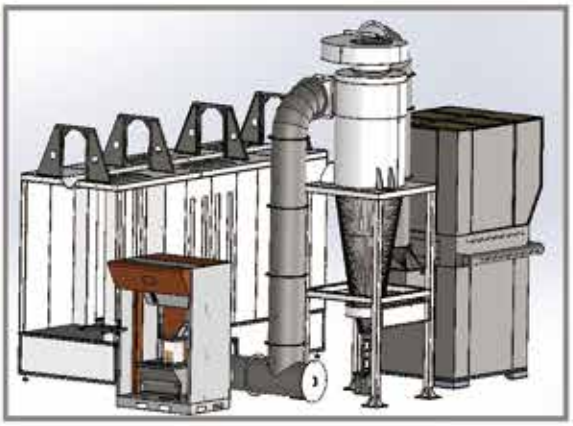
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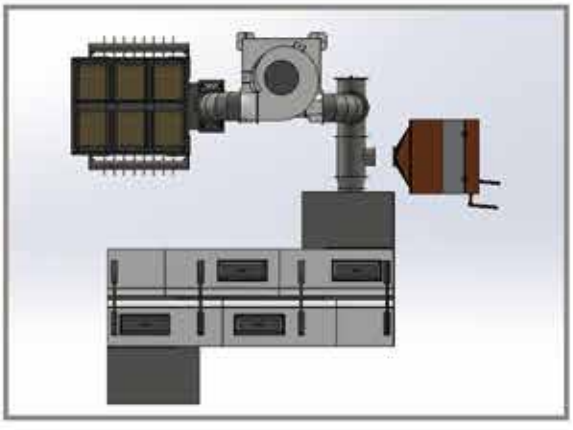


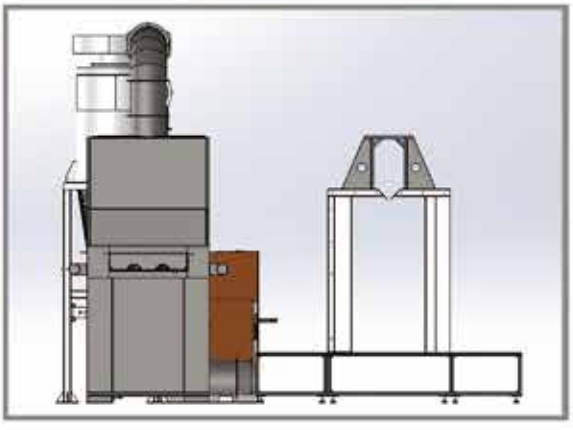
D











Multi- cyclone Powder Coating Booth

Multi-cyclone +Post filters recovery system-for easy mobility and faster clean up operation





Multi Recovery System

- Multi-pipe type small cyclone make the contact area of powder sepeparation 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

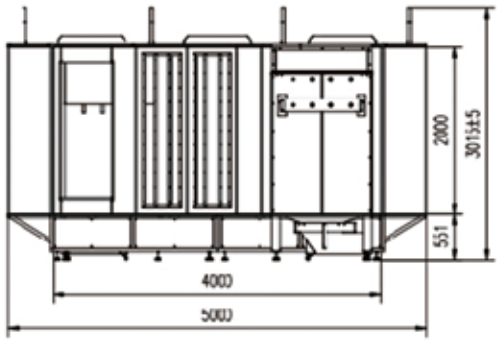
- Multiple filters make filtering area enough.
- The efficiency of filter is up to 99%.
- The precision of filer can reach 2-5 microns.
- Advanced rotary wing filter for cleaning system.
- Automatic pulse-type counter blowing cleaning control models make the operation condition of the filter better and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

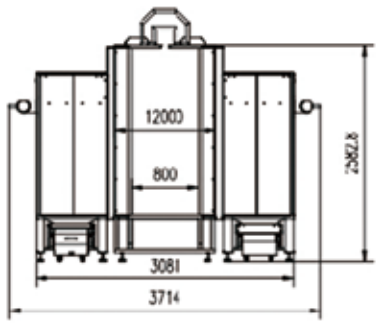
Model	COLO-S-Multicyclone
6	5100-8100m3/h
9	7650-12150m3/h
12	10200-16200m3/h
16	13600-21600m3/h

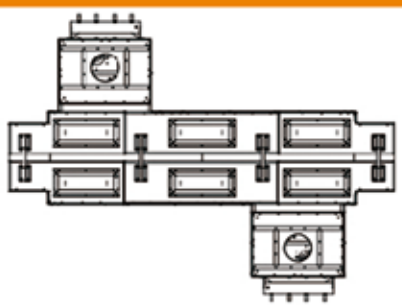
Filter Powder Coating Booth

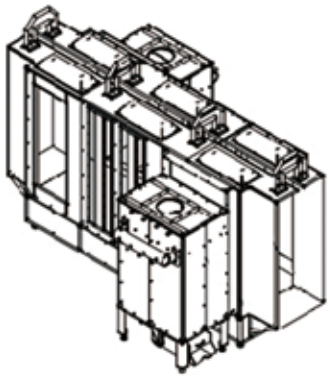
Single grade filter element powder recycle powder coating booth

- 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











Model	COLO-S-Basic Type (COLO-S-0825)
Booth Type	filter type
Operator dimensions	800width x 2000 height x 4000 depth
Overall dimensions	1200width x 2582 height x5000 depth
Weight	1100kgs
Power supply	Electric
Nominal power	2*5.5kw
Voltage	380V
Frequency	50-60Hz
Filters	Polyester
Filters count	12
Filters hang type	easy for change
Filter cleaning system	Pneumatic
Warranty	12 months
Material	Stainless steel 304

COLO-S-0825 www.colourspray.com

Powder Recovery System

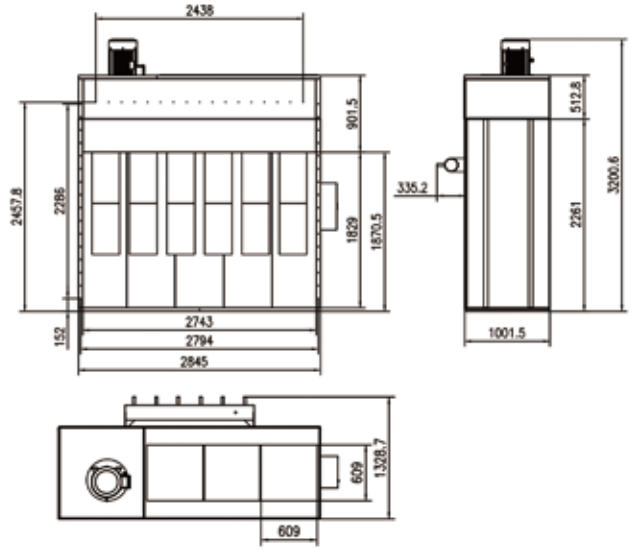
Cartridge Filter Dust Collector for Powder Coating

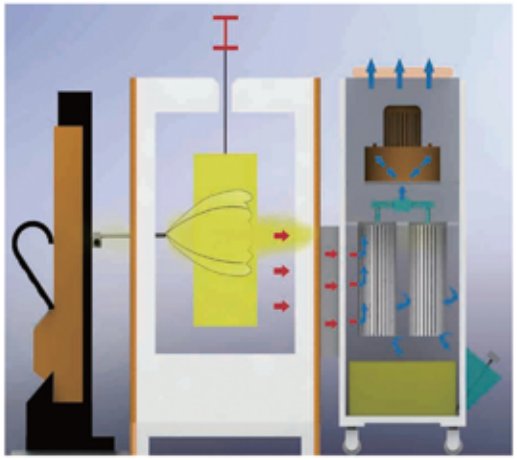


Model:	COLO-S-Filter system
Booth Type:	Filter type
Weight:	500kg
Power supply:	Electric
Nominal power:	15HP
Voltage:	220-415V
Frequency:	50-60Hz
Filters:	Polyester
Filters count:	12
Filters hang type:	Easy for change
Filter cleaning system:	Pneumatic
Material:	Steel (powder coated)

Product Description

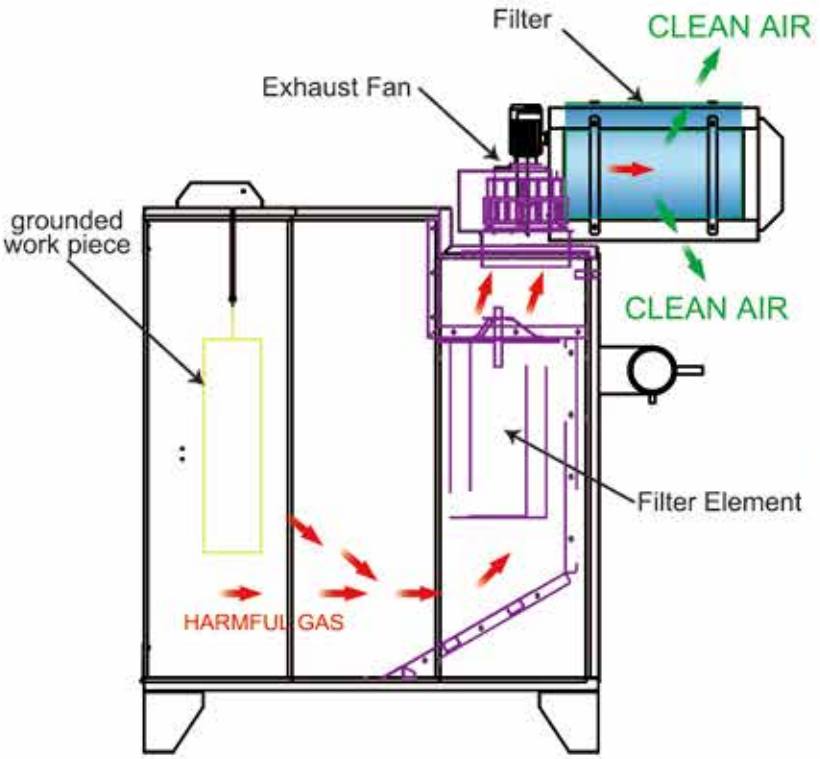
- Filter recovery spray booth is the most efficient powder separation system
- Suitable for all applications where a few standard colours are used
- The complete filter unit can be replaced making fast colour changed possible
- Almost 100% powder separation for greater economy
- The size could make according to different size part.
- With 3pcs plate type filters on the top of the booth for filter the powder again
- The flow of the fan motor could adjust according to different powder
- PLC controller
- With 12pcs filters, Filtration accuracy is less than 1 micron.





Final Stage Filter

Dust air from a powder coating booth is best captured by two-stage filtration. This system works by removing 99% of the dust to allow super-clean air to be recirculated back into the workshop. There is no need to duct this air from the workshop, There is no need to cut ano -ther hole in the shop's roof. The final stage filter unit is not designed for use with paint or other wet-spray processes.





CLEAN AIR

Applications



COLO-2315



COLO-1115

Accessories



Rotary wing



Fan motor



Spraying zozzle

Cartriage filter

100% polyester, common or imported materials can be supplied as request



COLO-600-1



COLO-600-2



COLO-600-3





COLO-900-1

Powder sieve equipment

Common type filter available sizes:

325*215*600mm
320*220*600mm
325*215*900mm
320*220*900mm

Quick-release type filter available sizes

325*215*600mm
325*215*900mm
325*215*1200mm