



PAINT BOOTHS
LARGE EQUIPMENT



GLOBAL
FINISHING
SOLUTIONS



THE FINISHING TOUCH

A flawless paint finish can make a product stand out from the rest. With precise contamination control and excellent lighting, Large Equipment Booths from Global Finishing Solutions® (GFS) enable you to achieve high-quality paint finishes, every time.

Advanced paint booth technology and decades of experience make GFS the foremost authority in paint booths and finishing equipment. Thorough analysis of our customers' needs led us to create the GFS Large Equipment Paint Booth line, which includes crossdraft, side downdraft and downdraft models. Complete your projects more efficiently and enjoy a better overall paint finish in a bright, clean, ecologically friendly and economic paint environment.



MATERIALS & CONSTRUCTION

GFS Large Equipment Booths are constructed from high-quality, 18-gauge, G90 galvanized sheet steel, with steel columns and beams for unbeatable structural integrity. Our beams are blasted by an automated system to remove any oxidation that may have occurred on their way to our facility. Afterwards, they are painted with a non-carcinogenic paint and stored inside to ensure a rust-free finish.

PRECISION ENGINEERED & BUILT TO LAST



Not just a sheet metal box, Large Equipment Paint Booths from Global Finishing Solutions are expertly designed and engineered for superior performance and longevity. Our experienced team of engineers and designers ensure all booths are structurally, mechanically and electronically sound. To this end, Large Equipment Booths have achieved full ETL and ETL-C listing to meet all applicable industry standards and facilitate successful installation and inspections.

We guarantee quality by carefully selecting all booth components and manufacturing or assembling the majority of these components in-house. Made from heavy-duty G90 sheet steel, our Large Equipment Booth wall panels are precision punched in our state-of-the-art facility for rigid nut-and-bolt construction. Regardless of your production needs, you can count on your GFS paint booth to deliver consistent results and last many years of heavy industrial use.

CODE COMPLIANCE & ETL LISTING

GFS Large Equipment Paint Booths are perfect for industrial manufacturers and businesses looking for a safe, clean, code-compliant environment for painting large equipment, vehicles and other products. Our complete engineering staff includes structural, mechanical, electrical and code compliance experts to ensure that you can achieve all necessary permits and stamped drawings for your new paint booth.

Our booths are designed to meet all applicable International Fire Code (IFC) and NFPA codes for proper airflow and paint booth use. In addition, GFS Large Equipment Paint Booths have achieved ETL and ETL-C listing for the pre-engineered models and all standard booth options, validating performance and ensuring worry-free planning.

GFS works with nationally recognized, third-party listing agencies to ensure the safety of our Large Equipment Booths and their components. The ETL or ETL-C mark on your booth is proof of compliance with North American safety standards, including NFPA, OSHA, UL and more. A UL or CUL listing verifies that Underwriters Laboratories has validated GFS' product meets UL's stringent requirements.





PRE-ENGINEERED SOLUTIONS

A combination of economy and efficiency, GFS pre-engineered Large Equipment Booths are designed to meet your budget and quality requirements while providing exactly what you need. Based on extensive market research and data analysis, GFS has focused our pre-engineered offering to meet the majority of our customers' needs while still providing options to ensure flexibility.

Pre-engineered Large Equipment Booths are available in a select number of sizes and are comprised of GFS' most tried-and-true features. By eliminating the need to custom engineer every booth, we can provide you with the flexibility and quality you need, fast.

CUSTOM ENGINEERED SOLUTIONS

What sets GFS apart from the rest is our ability to deliver precisely engineered custom products. We have the resources and expertise to design technologically advanced paint booths to meet your specific feature and size requirements.

Custom engineered solutions provide the same exceptional quality and performance you expect from GFS in a truly one-of-a-kind booth for painting your large equipment, vehicles and other products.

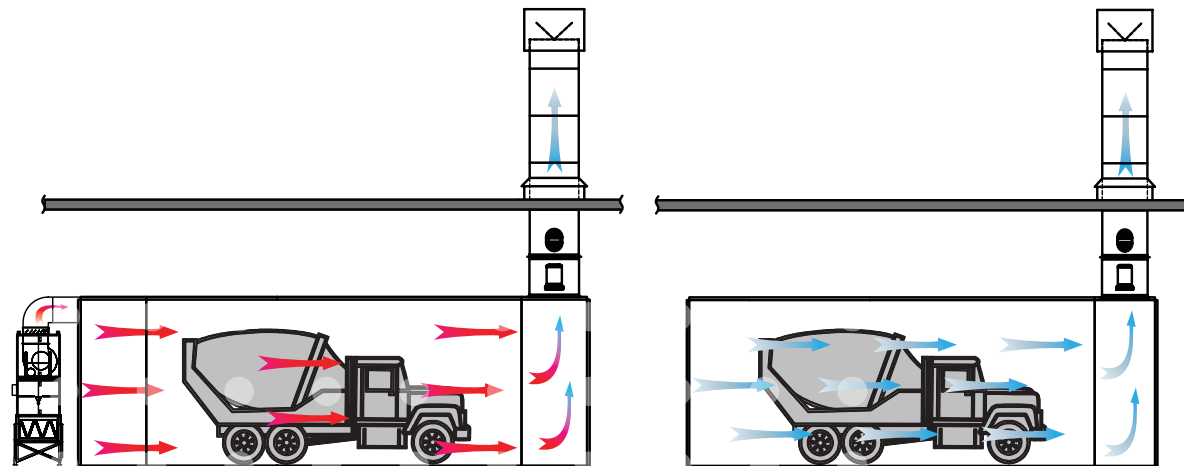






CROSSDRAFT BOOTHS

The most cost-effective airflow style, crossdraft Large Equipment Booths offer reliable performance at an affordable price point. Since there is no pit to dig, crossdraft booths are also easier to integrate into existing facilities. Air flows horizontally through a crossdraft booth, starting at the front of the booth and flowing over the product or part and into a filter bank in the booth rear.



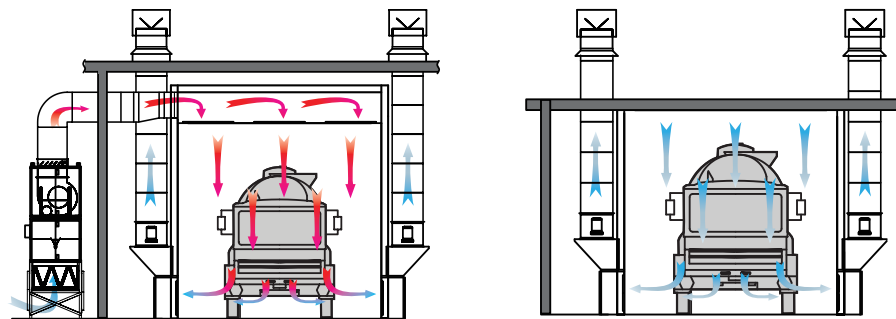
Pressurized and Non-Pressurized Models Available





SIDE DOWNDRAFT BOOTH

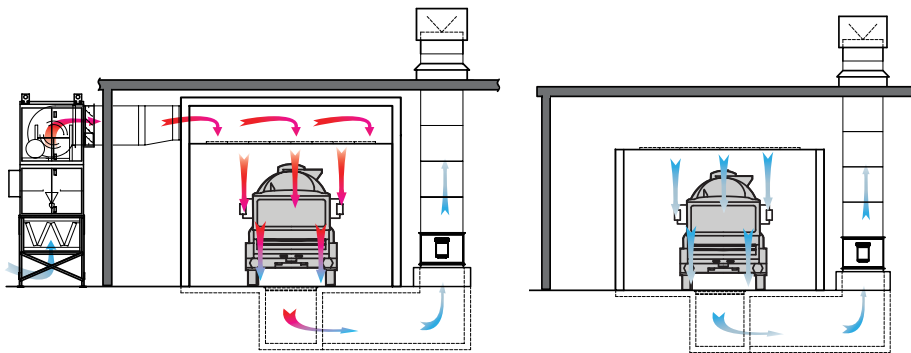
Side downdraft booths are an economical solution for businesses that aren't able to install a pit. Air comes into the booth through a full-length, filtered ceiling plenum, and flows downward over the product. When air reaches the floor, it is pulled into floor-level filtered exhaust plenums on both sides of the booth.



Pressurized and Non-Pressurized Models Available

DOWNDRAFT BOOTH

Generally accepted as the best airflow style, downdraft booths do an excellent job of controlling overspray and contamination. Air enters the booth through a full-length, filtered ceiling plenum. From there, air flows vertically over the product and into the filtered exhaust pit in the floor.



Pressurized and Non-Pressurized Models Available



AIR MAKE-UP UNIT



GFS' direct gas-fired Air Make-Up Units (AMU) provide an economical source of replacement air. By continually replacing contaminated booth air with fresh, heated outdoor air, AMUs maintain a constant air temperature regardless of the air temperature outside your building. This allows for balanced building pressure and proper comfort levels.



AIR MAKE-UP UNIT OPTIONS

Many AMU options and arrangements are available to fit your needs and accommodate the layout of your paint booth and facility. Regardless of the configuration, all GFS AMUs are constructed from sturdy, high-quality materials. Our most common configurations involve mounting the AMU to the booth or on the building roof. Depending on the configuration, you can also choose from horizontal or vertical mount and indoor or outdoor air discharge. Additional AMU options include cooling or humidity controls, intake and exhaust dampers, recirculating airflow and curing systems.

CONTROL PANELS

All GFS control panels are UL and CUL listed, and make it easy to manage your booth's safety features and environment. Two primary control panels are available with the Large Equipment Paint Booth line, although highly customized booths may require a custom control panel. For non-pressurized booths, the electromechanical control panel is a cost-effective solution used to control booth exhaust, safety interlocks and lights. The Velocity® control panel comes complete with an Allen-Bradley touch-screen interface and supports spray, flash and cure modes along with many programmable alarms, an auto-balancing system (on pressurized booths) and automatic safety checks.







BOOTH LIGHTING

Designed for optimal brightness, Large Equipment Booths feature strategically placed light fixtures for precise, complete lighting. Our light fixtures are manufactured in our facility for consistent quality, and are ETL and ETL-C listed to remain in compliance with industry standards. Four-tube, T8 LED light fixtures come standard on all Large Equipment Booths. Many light and fixture options are available to customize booth lighting to meet your needs, including six-tube LED light fixtures.

DOORS & WINDOWS

GFS doors and windows are designed with durability and flexibility in mind. Each pre-engineered Large Equipment Booth includes a swing-type product door and at least one personnel door. Depending on the layout of your booth and paint line, optional pre-engineered doors and configurations – such as roll-up, bi-fold or drive-thru – may be right for you.

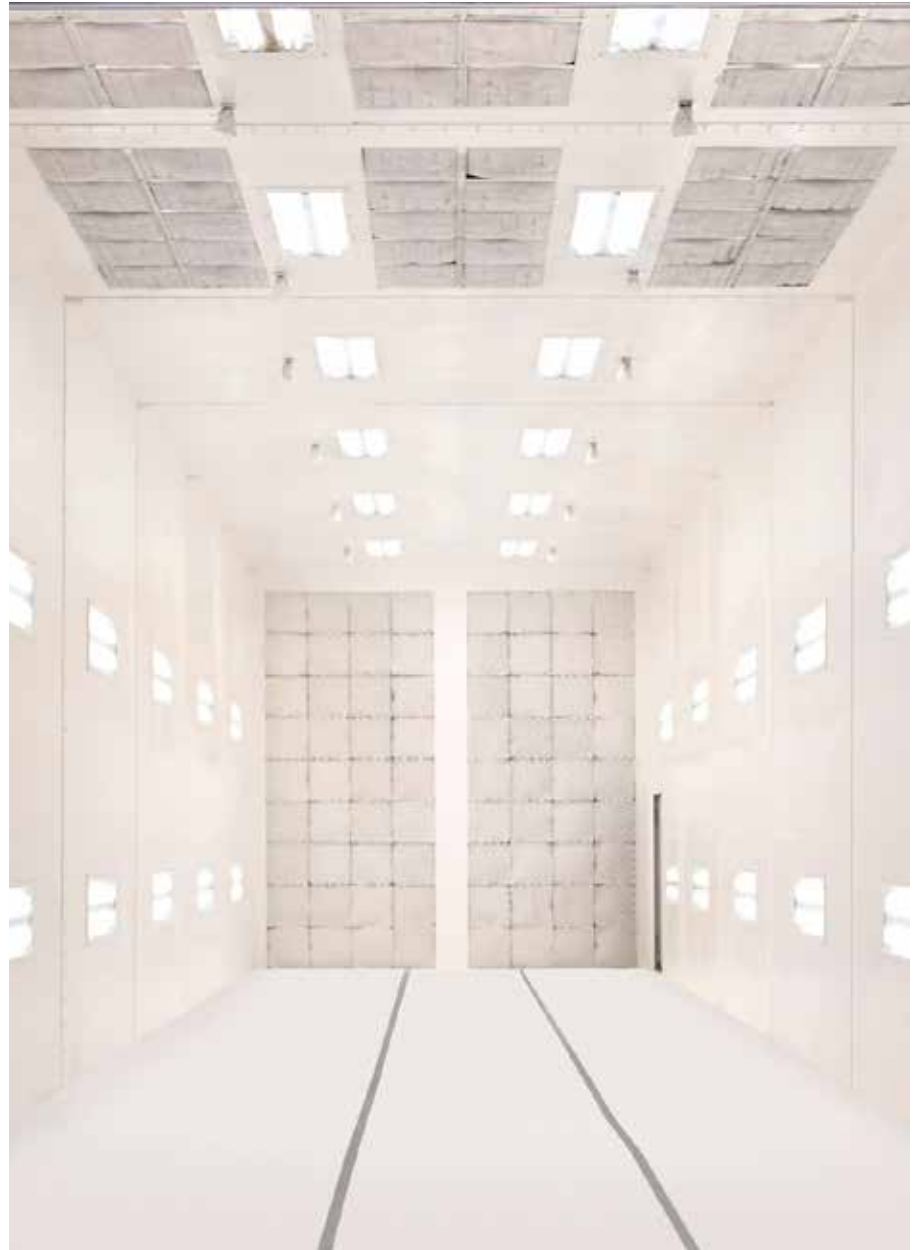
Observation windows come standard in all personnel doors, but can also be added to booth walls and certain product doors to monitor robotics, painters or booth modes.





BOOTH FILTRATION

All GFS booths are engineered for excellent airflow and filtration. Intake filters ensure that dust, dirt and particles are removed from the air entering the booth, protecting the paint finish from contaminants and reducing rework. As air leaves the booth, it passes through exhaust filtration to remove overspray and particles before the air enters the outside environment. GFS is proud to meet or exceed all applicable EPA standards and help protect the air quality in the communities where our customers operate.





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CUSTOM OPTIONS

One of GFS' greatest strengths is our ability to provide our customers with highly specialized products. Custom options such as added layers of filtration, crane slots, cat walks, conveyors and personnel lifts are precisely engineered and designed to fit cohesively into your Large Equipment Paint Booth. Regardless of your product finishing specialty, we seek to help you meet and exceed expectations.



OUTDOOR BOOTHS

If your shop space is limited, an Outdoor Paint Booth might be the perfect solution. GFS Outdoor Paint Booths consist of the interior booth, exterior shell and the support structure in between. They are built to meet all the same requirements as indoor booths with additional code requirements for wind, snow and seismic loads. Outdoor Booths are well-insulated and built to withstand the elements.



ADDITIONAL PRODUCT OFFERINGS

GFS has a full line of high-quality product offerings designed and built in-house to support your finishing operation. Hazardous Material Storage Buildings, Mix Rooms, Ovens, Dust Collection Systems, Open Face Booths, Outdoor Booths and many other product options are available to seamlessly integrate with your Large Equipment Paint Booth and complete your paint and finishing process requirements.

Some of our most popular add-ons, Hazardous Material Storage Buildings – sometimes called “Paint Kitchens” – and Paint Mix Rooms provide a safe, ventilated, dust-free environment for painters to mix and store paint and other hazardous materials. Hazardous Material Storage Buildings are code compliant and are required for businesses that need to store large amounts of chemical products to minimize the risk of explosions and contain spills.



RECOGNIZED **QUALITY**



When you invest in capital equipment, you want a reliable, proven product from a company you can count on. Global Finishing Solutions is experienced at designing and building state-of-the-art paint booths and finishing equipment that exceed our customers' expectations. Businesses of all sizes and industries continue to come back to GFS for consistent, quality equipment every time.

SERVICE & SUPPORT

YOU CAN COUNT ON

We stand by our products and believe that excellent service shouldn't end at the sale. You can rely on Global Finishing Solutions and our experienced distribution network for lifelong support and service of your paint booth. GFS' unmatched Technical Services department and a local distributor are available to assist you with any emergency repairs or maintenance issues to ensure your booth is always running in peak condition. Preventative maintenance plans are also available to extend the life of your equipment.





LARGE EQUIPMENT FEATURES & OPTIONS MATRIX

S - STANDARD

O - OPTION

C - CUSTOM

Features & Options	Non-Pressurized Crossdraft	Pressurized Crossdraft	Non-Pressurized Side Downdraft	Pressurized Side Downdraft	Non-Pressurized Downdraft	Pressurized Downdraft
	14', 16', 18', 20'	14', 16', 18'		40', 50', 60'	16', 18', 20'	16', 18'
Width	14', 16', 18', 20'				16', 18', 20'	
Height	14', 16', 18'				16', 18'	
Depth	30', 34', 40', 44', 50', 54', 60', 64'				40', 50', 60'	
Custom Width, Height & Depth	C	C	C	C	C	C
18-Gauge Galvanized	S	S	S	S	S	S
Conveyor or Monorail Supports	C	C	C	C	C	C
Corner-Style (No Bridge) Intake & Exhaust Chambers	C	C	C	C	C	C
Dual-Skin Insulated Panels (Outdoor Booths)	C	C	C	C	C	C
Horizontal Panels	S	S	S	S	S	S
Single-Skin Panels	S	S	S	S	S	S
Pre-Coated White Panels	O	O	O	O	O	O
Electromechanical CP	S	O	S		S	
Velocity CP		S			S	S
Additional Personnel Doors (Quantity Selectable)	O	O	O	O	O	O
Drive-Thru Door	O	O	O	O	O	O
Filtered Bi-Fold Doors	O					
Filtered Swing Door	S					
Limit Switches on Product & Personnel Doors	O	S	O	S	O	S
Personnel Door(s)	S	S	S	S	S	S
Roll-Up Doors		O	O	O	O	O
Sliding Doors	C	C	C	C	C	C
Solid Bi-Fold Doors		O	O	O	O	O
Solid Swing Doors		S	S	S	S	S
Wall Observation Window Kits Field Install	O	O	O	O	O	O
Four-Tube, T8 LED Light Fixtures	S	S	S	S	S	S
Six-Tube, T8 LED Light Fixtures	O	O	O	O	O	O
Air Make-Up Unit	O	S	O	S	O	S
Auto-Balance		S		S		S
Cure Mode		S		S		S
Intake Fan*		O		C		C
Manual VFD or Consta-Flow	O		O		O	
Recirculating Cure Mode		C		C		C
Air Solenoid Valve	S	S	S	S	S	S
Multi-Stage Filtration	C	C	C	C	C	C
Seismic Construction	C	C	C	C	C	C

Note: Intake fan usage with pressurized crossdraft booths requires consultation with GFS Sales.



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