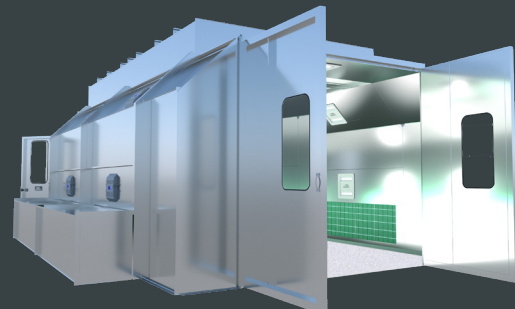
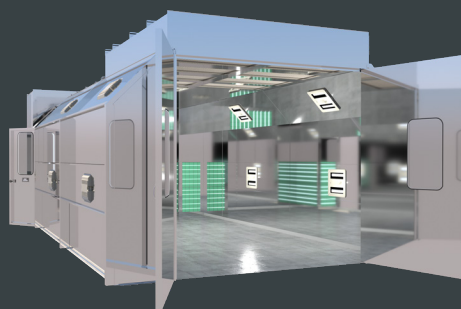
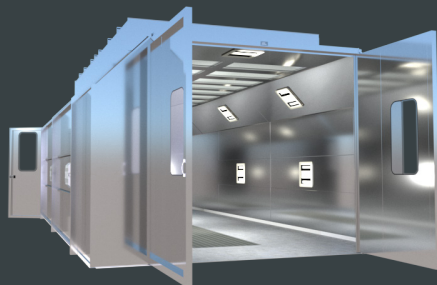


**SPIN**  
**SYSTEMS** inc.  
Engineering Beyond the Booth



# Auto Downdraft Booths

Designing your Booth for the Highest Quality Finish



1363 East Grand Ave., Pomona, CA 91766 • 909.623.6944 • 800.736.6944 • Fax: 909.622.6267

MADE IN THE USA

## While Maintaining Uniform Airflow Through The Entire Work Area...

**Highest Quality Finish** Spray Systems offers three versions of the traditional crossdraft style paint booths: front flow, rear flow, and pressurized models. Our customers frequently compliment our booths for creating an environment that allows painters to apply the highest quality automotive finishes. We do this by collecting and removing airborne paint particles, efficiently and effectively, through our custom engineering process ensuring uniform airflow.

**Environmentally Safe** Each Auto Crossdraft Booth meets safety and code requirements –NFPA-33 and IFC—to protect those that work in any automotive spray environment and the world outside. Your Auto Crossdraft Booth will be designed to efficiently remove the overspray from the painting operation while maintaining uniform airflow throughout the work area.

**Lower Operating Costs** We use higher efficiency components and designs. We offer energy-efficient components from VFD drives, recirculating exhaust systems, high-efficiency motors, (LED) lighting, and booth idle packages resulting in lower operating costs.

### D-2000 Downdraft Paint Booth

Our Pit Style Downdraft Automotive Booth is our premier design and one most sought-after by our customers requiring high-quality finishes. Using a pit-style downdraft design, the air flows over the top of the part and is pulled down through the filters beneath the floor grating, which is set in a trench or pit. The downdraft air movement creates an ideal environment where the over-spray contamination is drawn into the filtered exhaust pit. The D-2000 utilizes a heated air make-up system that pressurizes the booth. It also has the capability of providing a bake mode for the final cure, which is great for high production shops. The air replacement system for the D-2000 is purchased separately.

### SD-1000 Semi-Downdraft Paint Booth

Our Semi-Downdraft Paint Booth offers the business owner and painter the advantages of downdraft airflow design without the expense of a trench or pit. In the semi-downdraft booth, fresh air is pulled through filters located in the ceiling of the booth, and drawn over the vehicle. The paint overspray is swept back through the filters which are located at the opposite end of the booth near the floor level. This air movement provides the painter with a clean environment for the ideal paint finish. The SD-1000 utilizes a heated air make-up system that pressurizes the booth. It also has the capability of providing a bake mode for the final cure, which is great for high production shops. The air replacement system for the SD-1000 is purchased separately.

### MD-1000 Modified Downdraft Paint Booth

Our Modified Downdraft Automotive Paint Booth, in principle, has airflow like the conventional downdraft booth. The air is forced through filters at the top of the booth, flows around the part and out through the plenums located along the sides of the booth. The modified downdraft booth does not require an in-ground pit – giving you the features and performance of a downdraft booth without the cost of a pit. And like all Spray Systems booths, provides your painter with an optimum environment for a superior finish. This MD-1000 utilizes a heated air make-up system which pressurizes the booth. It also has the capability of providing a bake mode for final cure, which is great for high production shops. The air replacement system for the MD-1000 is purchased separately.

## OPTIONS / ACCESSORIES

- Access Doors
- Air Make-up Units
- Air Solenoid Valves
- Constant Velocity Controls
- Control Panels
- Energy Savings Standby/Idle Mode
- Exhaust Stack Components
- Front Filter Doors
- Heaters / Infrared
- Lighting
- Magnehelic® Gauges
- Observation Windows
- Pressurized Air Supply Plenums
- Safety Shut-Down System
- Specialized Filters



### Designing Your Booth With The Right Size And The Right Specifications...

#### PACKAGE FEATURES & BENEFITS

- **CNC and CAD Technology**—booth panels are manufactured of precision 18 gauge G-90 galvanized steel, and are precision-punched on six-inch centers, allowing for easy nut and bolt assembly, and exploded view assembly drawings supplied
- **Quiet Exhaust Fan**—Designed to operate at low dBA noise levels, below OSHA limits
- **High-Efficiency Motor**—tri voltage, TEFC, motors that match the high-efficiency performance of the exhaust fan, three-phase with a single-phase option

**Exhaust Filters** – 20" x 25" filters yield a

- larger filter area. A manometer to properly manage filter maintenance is included

**MD-1000 Modified Downdraft Paint Booth**

**Intake Filters** – these filters are specifically

- designed to remove 98% or more of dust particles in order to deliver a Class A finish

- **Strategic Light Placement**—Using LED lighting technology for improved visual acuity throughout the spray booth environment, with lower operating costs, direction ability, and longer-lasting without need for maintenance

- **Latches** – heavy duty, quick release type with positive closing and panic hardware

- **Doors/Side Access Door** – both the filter and solid type doors have a structural steel tube frame, leak-proof wiper type seals at the bottom, and polyfoam seals at the center; side access door meets NFPA Lifeline 101 requirements and includes an 18" x 36" observation window

- **UL Listed** – all electrical components and latching devices are UL/ETL listed

- **Essential Accessories** – all necessary caulking, nuts and bolts, hardware for proper booth installation

#### SPECIFICATIONS

Model Number	Front Door W	Front Door H	Rear Door W	Rear Door H	Exhaust Fan Dia.	Motor H.P.	Airflow SCFM @5'S.P.	Exhaust Filter (Qty)	Intake Filter (Qty)	Light Fixture (Qty)	Shipping Weight Lbs
D-2000	9'-2 1/4"	8'-9 1/2"			34"	3	12600	18	16	10	3900
D-2000-DT	9'-2 1/4"	8'-9 1/2"	9'-2 1/4"	8'-9 1/2"	34"	3	12600	18	16	10	4300
SD-1000	9'-2 1/4"	8'-9 1/2"			34"	3	12600	12	8	10	3700
SD-1000-DT	9'-2 1/4"	8'-9 1/2"	9'-2 1/4"	8'-9 1/2"	34"	3	12600	12	8	10	4100
MD-1000	9'-2 1/4"	8'-9 1/2"			(2) 24"	(2) 2	12600	20	16	10	3700
MD-1000-DT	9'-2 1/4"	8'-9 1/2"	9'-2 1/4"	8'-9 1/2"	(2) 24"	(2) 2	12600	20	16	10	4100

Specifications are subject to change without notice

# Important Reasons Why Spray Systems Is Your Best Choice

## ***Built To Last***

**Precise**—CNC manufacturing means precise hole-positioning for easy bolting and panels that fit squarely together

**Quality appearance**—with durable premium grade G-90 galvanized steel

**Durable**—Nut and bolt assembly with panels punched 6" on centers

**Quick assembly**—Panels precision fit, even for the most complex booth designs.



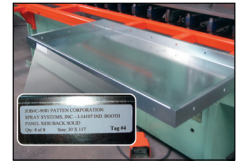
## ***Faster - Easier Installation***

**4-Sided Panel Construction**—Panels with flanges on all four sides mean fewer parts to assemble and eliminates tie-in angles required with two-sided panels

**Computer-generated labels**—Labels on every component simplify sorting and speed installation

**Itemized assembly drawings**—Item numbers on labels correspond to components on 3-D exploded view drawings

**Save time and money**—Ease of assembly reduces time and cost of installation



## ***Quiet-High Performance Exhaust Fans***

**Quiet**—Spray Systems ensures that all fans operate at noise levels below OSHA limits

**Efficient**—Fan modeling computer program used to select the optimal performance at the lowest possible fan blade speed

**Dependable**—High-efficiency, Tri-voltage, TEFC motor, and VFD rated

**Quality**—Designed and manufactured in-house for easy installation, motor and drives ship pre-assembled.



## ***Efficient-Effective Lighting***

**Strategic Light Placement**—Using LED lighting technology for improved visual acuity throughout the spray booth environment

**Increased efficiency**—Lower operating costs, direction ability, and longer lasting without need for maintenance

**Easy mounting**—Light panels with framed openings are designed for bolting fixtures easily into place

**Durability**—Industrial rated with dust-tight seals Meets booth code requirements—UL/ETL approved and labeled



## ***Premium—Secure Shipping***

**Damage prevention**—Fully enclosed and banded crating prevents shipping damage on LTL shipments

**No installation down-time**—Special piece loading system ensures no missing parts to delay installation

**Quality control**—Shipments cross-checked three times to ensure the order is complete along with 100 % customer satisfaction



————— **Call For A Free Consultation** —————

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**[www.spraysystems.com](http://www.spraysystems.com)**



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