



Value. Flexibility. Performance.

Vantage



Vantage™ FCM Powder Spray Booth



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Quiet, cost-effective, flexible powder spray booths for manual powder coating operations and selected automatic operations.

The Nordson Vantage FCM (fixed collector module) family of powder spray booths combines production-proven performance and reliability with innovative design. The result is a very cost-effective coating solution. Vantage FCM is ideal for job shops, first-time powder coating operations and companies who want to economically expand their powder coating production.

Fewer modules save money on the initial investment and in ongoing operating costs.

Even the largest walk-in booths for coating large agricultural components require no more than two Vantage modules compared to several conventional modules.



Lower Costs with a Range of CFM Capacities

The Vantage powder spray system is available in a wide range of single module configurations from 5300 CFM to 11000 CFM capacity. Vantage achieves high CFM capacity in single, larger modules as opposed to the conventional use of multiple lower CFM modules. Fewer modules save money on the initial investment and in ongoing operating costs.

Flexible Design for More Applications

Vantage is designed for coating large products in larger walk-in batch or conveyORIZED operations, but is equally suited for smaller operations with a single, smaller CFM module. Vantage's flexible design accommodates a variety of applications.

- **Batch operations** – final filters are oriented to exhaust forward and upward, allowing a booth to be positioned directly up to a wall for the best use of space.
- **ConveyORIZED operations** – final filters are oriented rearward and upward, away from the conveyor slot.
- **Common control panel** – for running booth and application equipment.

Superior Design and Components

Nordson uses high-quality manufacturing and performs extensive factory testing for optimum performance and reliability, and exceptionally quiet operation. Because there is no compromise on any design details, coaters receive maximum powder containment and reliability with reduced noise levels.

Ultra-Compact, Ultra-High-Flow Model

The Vantage Lean Cell™ model accommodates large parts while minimizing floor space and conveyor line gaps, for both manual and automatic powder applications, and exceptionally fast color change.

Lean Cell™ booth minimizes floor space and conveyor line gaps in manual and automatic applications.





Flexible design accommodates various booth canopies.

From powder booths for smaller, short-run, non-reclaim operations to larger, long-run continuous operations with manual powder recovery, the flexible design of Vantage allows for a broad range of applications.

Vantage™ FCM Specifications and Utility Requirements

SPECIFICATIONS	Model 5300	Model 6400	Model 7200	Model 9600	Model 11000
Module Dimensions (W x H x D)	6' x 10' 7" x 3' 6"	6' x 10' 9" x 3' 6"	9' x 10' 9" x 3' 6"	12' x 10' 10" x 3' 6"	12' x 11' x 3' 6"
Rated CFM	5300	6400	7200	9600	11000
Number of Primary Filters	4	4	6	8	8
Number of Final Filters	2	2	4	6	6
Air Input Size	1/2 NPT	1/2 NPT	1/2 NPT	1/2 NPT	1/2 NPT
Air Consumption @100 PSI	15 SCFM	15 SCFM	20 SCFM	25 SCFM	27 SCFM
Motor					
HP	5	7.5	7.5	10	15
RPM	1750	1750	1750	1750	1750
Volts/Hz/Amps					
Motor	208/60/17 230/60/15 380/60/12 460/60/7.5 575/60/7	208/60/24.5 230/60/22 380/60/16 460/60/11 575/60/9	208/60/24.5 230/60/22 380/60/16 460/60/11 575/60/9	208/60/32 230/60/27 380/60/18 460/60/14 575/60/11	208/60/48 230/60/42 380/60/28 460/60/21 575/60/17
Controls	110/60/10	110/60/10	110/60/10	110/60/10	110/60/10

Features and Benefits of Vantage FCM Spray Booths

Vantage provides maximum value, flexibility and performance in a powder spray booth for manual powder coating operations and selected automatic operations.

- **Wide range of CFM capacities** – 5300, 6400, 7200, 9600, 11000 to meet your specific application requirements.
- **Larger CFM capacity single filter/collector modules** reduce the initial investment and operating costs.
- **Superior design and components** for exceptionally quiet operation compared to conventional designs.
- **Flexible design** – to accommodate batch or conveyorized operations.
- **High-quality manufacturing and factory tested** for optimum performance and reliability.
- **48-inch polyester filters** for superior filtration performance, longer filter life and minimum powder retention.
- **Full-function, UL 508-compliant control panel with safety interlock** comes standard on all models.
- **Timed reverse-pulsing of filters** for optimum performance and filter life.
- **Optional fluidized or non-fluidized powder collection trays** for cleaner operation and powder reclaim capability.
- **Module shipped in sections** for fast, easy on-site installation.



Fluidized or non-fluidized collection trays



Optional fluidized or non-fluidized powder collection trays for cleaner operation and powder reclaim capability.

For more information on Vantage™ equipment, talk
with your Nordson representative or visit our website at

www.nordson.com

The Nordson value-line of Vantage systems and equipment is designed and engineered to meet reclaim or non-reclaim, fast color change powder coating requirements.



Vantage RCM (Removable Collector Module) Booth

Designed for manual and automatic conveyORIZED applications with color change and powder reclaim capability.

Vantage Automatic Gun Control System

Engineered for simple, yet highly effective control of automatic powder spray applications for maximum transfer efficiency and finish quality.



For more information, talk with your Nordson representative or contact your Nordson regional headquarters office.

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