

Nordson® Model 902 Powder Spray Booth



Compact, modular powder spray booth for manual coating applications in laboratory tests or batch production operations.



The compact, modular Model 902 booth is ideal for laboratory and manual reinforcement applications.

The Nordson Model 902 powder spray booth provides clean, efficient and flexible operation in batch, short-run and custom-color manual powder coating operations. Utilizing Nordson-pioneered cartridge-filter technology, it provides high material utilization and fast, color-change capability in a compact, modular system that is ideal for use in laboratory and manual reinforcement applications. The Model 902 booth also can be custom designed for automatic spray applications.

Proven Cartridge-Filter Technology

The Model 902 booth utilizes proven Nordson cartridge-filter technology that does not require expensive ductwork and explosion venting. Air used to contain and recover powder overspray passes through primary cartridge filters and final filters, and is

then returned to the plant as *clean air* for improved operating efficiency. Solid-state controls for filter cleaning and powder recycling provide fully automatic, reliable operation.

Down-Draft Booth Design

The "down-draft" design of the Model 902 booth locates the filter/collector module directly below the spray booth to optimize space and operating efficiency. It also allows sprayed powder to *wash down* gently over parts being coated, enhancing the electrostatic operating efficiency and coating uniformity.

High Material Utilization

Powder build-up in the filters is expelled by a reverse-pulse of air

releasing the powder to the collectors for recirculation. Nordson high-efficiency cartridge filters utilize a carefully positioned pulse valve to direct the reverse-pulsed air throughout the entire cartridge providing uniform, effective cleaning and extended cartridge life. This closed-loop/automatic powder recovery/recycling technology provides material utilization up to 98 percent. It also minimizes the powder's exposure to contaminants and helps provide a safe, clean working environment for plant personnel.

Easy Clean-up

The stainless-steel booth panels of the Model 902 booth are easily wiped down for manual powder recycling, routine clean-up and color change.

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Features and Benefits

- **Proven cartridge-filter technology** — improved filter cleaning prevents excessive powder build-up on cartridges for extended service life and improved operating efficiency.
- **Closed-loop/automatic powder recovery/recycling technology** — ensures optimum material utilization, reduces contamination of powder material, and helps provide a safer, cleaner working environment.
- **Efficient space utilization** — modular design minimizes space required for installation and operation.
- **"Pre-shipment" assembly** — arrives nearly fully assembled at customer plant for fast, easy installation.



The Model 902 booth can be customized to accommodate varying automatic spray applications.

For more information on how the Nordson Model 902 powder spray booth can help make your batch, short-run or custom-color manual powder coating operations more productive and profitable, talk with your Nordson representative or call 800-626-8303.

Specifications

Work Area

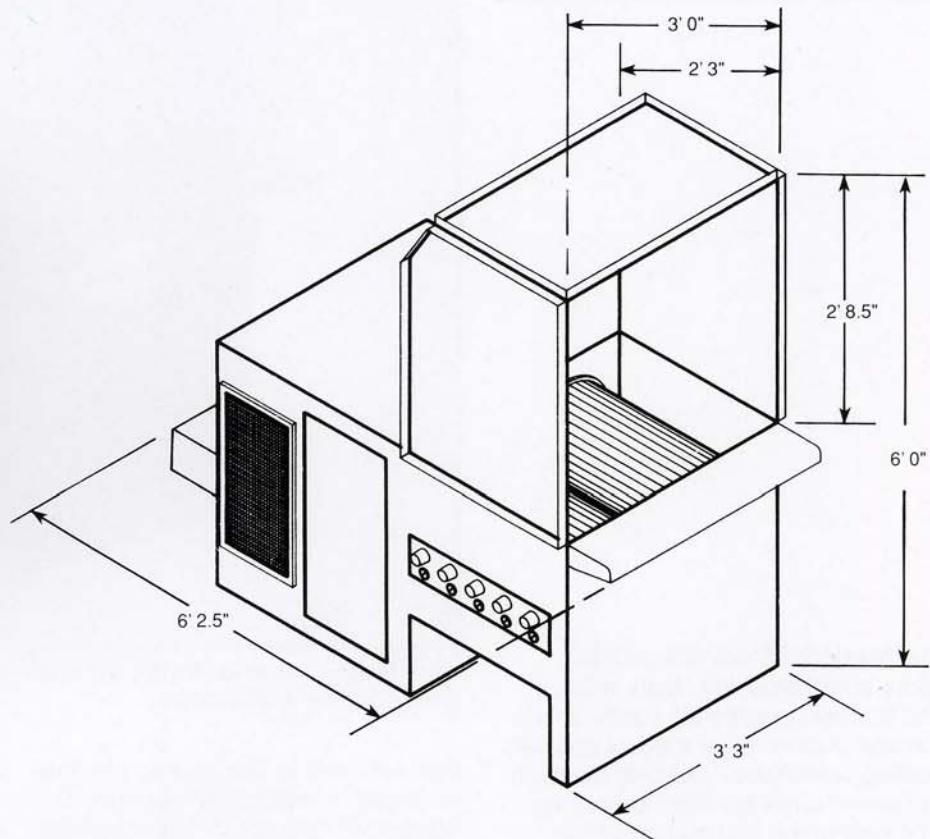
Height 2 ft. 8.5 in.
Width 3 ft.
Depth 2 ft. 3.25 in.

Footprint

Height 6 ft.
Width 3 ft. (+ 3 in. for workshelf, + 9 in. for control panel)
Depth 6 ft. 2.5 in. (includes motor and workshelf)

Motor

1 hp TEFC



Nordson reserves the right to make design changes to products to improve their function. These changes may occur between printings.

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

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