



CORDIS™ VT Powder Feed Center

Performance by design



Redefining Coating Flexibility

With a world-class team driving innovation, Nordson reimaged the powder feed center from the ground up. The result is CORDIS™ VT—a platform engineered for smooth, reliable, and consistent performance that brings automatic systems into perfect rhythm.

ALL-DIGITAL, EASY-TO-USE CONTROLLER

The 7-inch multi-capacitive touchscreen is designed for clarity and ease of use, making it simple to adjust settings and access advanced features. Built-in OPC UA and PROFINET communication protocols ensure seamless integration, while ample onboard memory provides room for future expansion and feature updates as they're developed.

Intuitive HMI Touchscreen Controller

Provides user-friendly access to settings, diagnostics, and advanced features.

User Logins with Permissions & Language Preferences

Supports secure access, role-based controls, and multilingual operation.

Guided Color Change Procedure

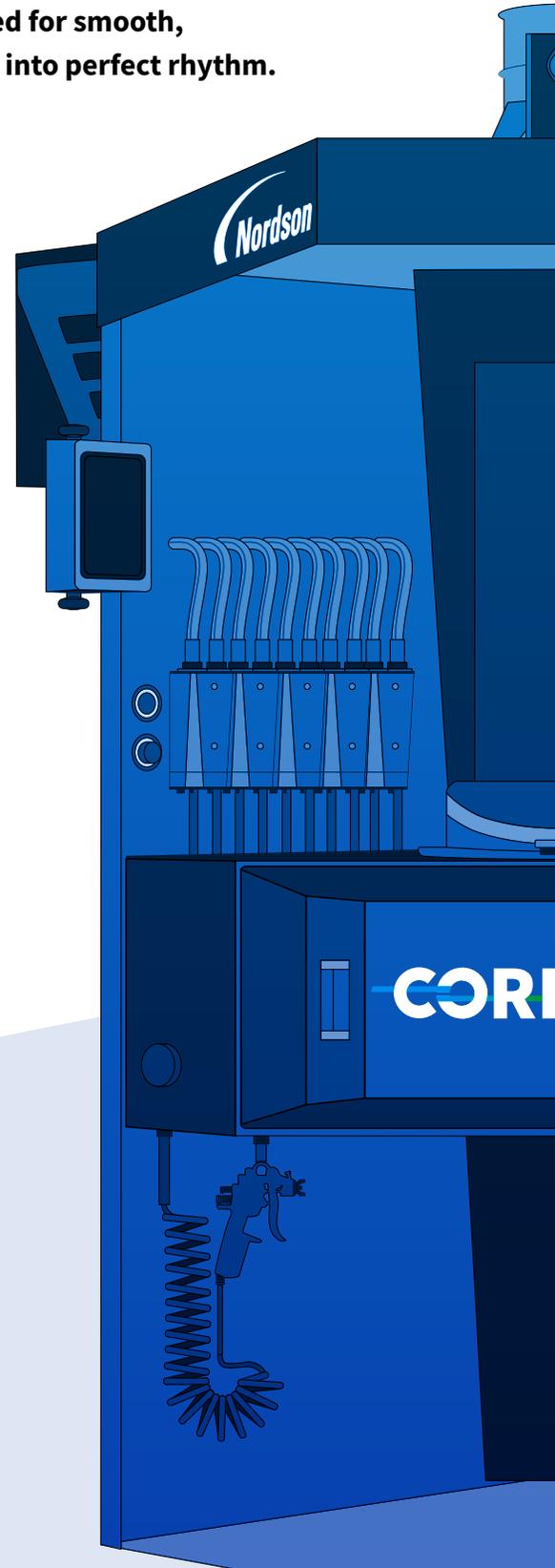
Step-by-step visual interface ensures proper execution and repeatable results.

Integrated Lighting

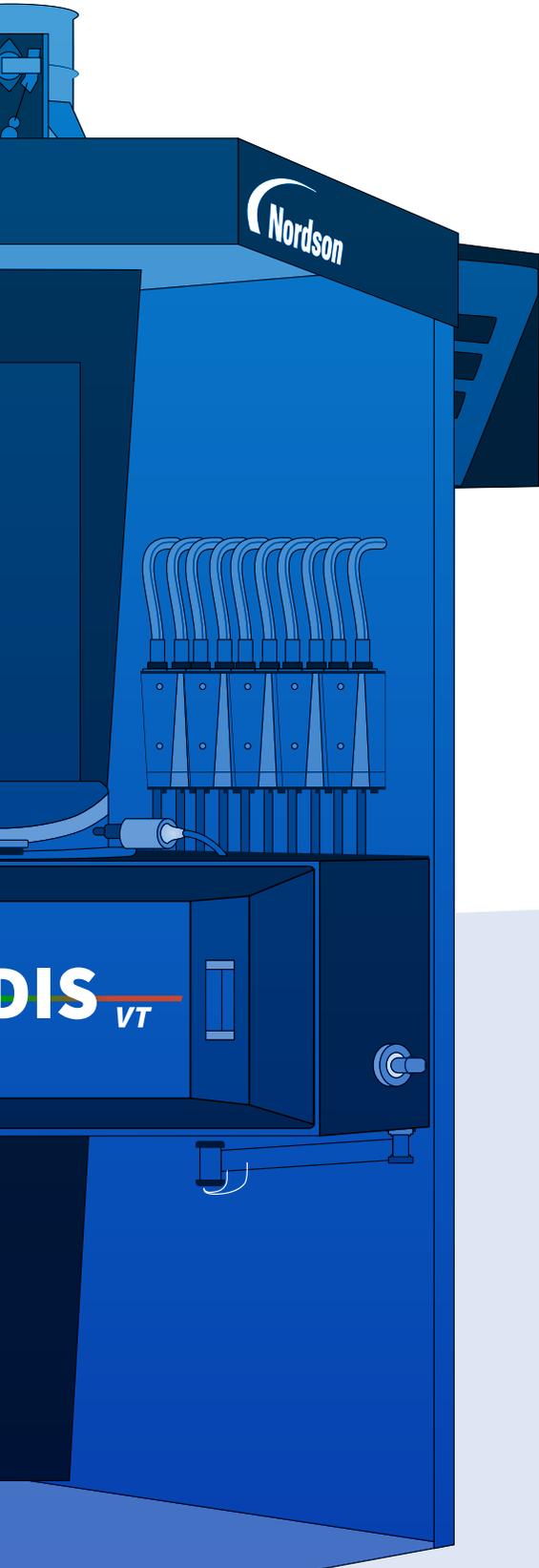
Main lighting with built-in indicator LEDs for status visibility and workspace illumination.

Automatic Hopper Fill & Level Detection

Uses VBF bulk feed and reclaimed powder to maintain consistent fill levels and performance.



The **CORDIS™ Powder Feed Center** accommodates both Venturi (VT) and High-Density, Low-Velocity (HDLV) pump styles, giving operators the freedom to mix and match manual and automatic applicators across any system configuration. The hopper can also be safely opened during operation, allowing real-time powder additions or visual monitoring of fluidization. This built-in versatility ensures continuous uptime and adaptability on the line.



A NEW STANDARD IN POWDER COATING

Digitally Controlled Drain Valve

Enables automated cleaning cycles and reduces manual intervention

Patent-Pending Hopper Design

Engineered for world-class fluidization and optimized performance

Automatic Hopper Cleaning

Bidirectional, alternating airflow combined with systematic purging thoroughly cleans hopper walls.

Selective Purge Technology

Patent-pending valve cartridges direct airflow precisely during color changes and line clearances—streamlining maintenance and reducing downtime.

Manual Applicator Support

Compatible with both HD and VT powder spray guns for maximum system flexibility.

Feed Center Ventilation

Actively captures airborne powder and vents the hopper, promoting a cleaner environment and enhancing operator safety.

Isolated Hopper Venting

Maintains optimal pressure control and enhances operator safety.

UNLEASH HIDDEN EFFICIENCIES

The patent-pending conical hopper features a bi-directional purge system that generates alternating turbulent airflow for more effective cleaning. With customizable purge controls, operators can optimize the process for fast color changes or more thorough cleaning when switching between contrasting powders.

Additionally, the hopper's unique geometry promotes continuous, controlled mixing of virgin and reclaimed powder, ensuring consistent, homogeneous material properties throughout the production run.

CORDIS™ VT Powder Feed Center



CORDIS™ features a compact footprint and fully ambidextrous layout, making it easy to integrate into a variety of line configurations. As your operation evolves, CORDIS adapts—ensuring long-term system efficiency and performance.



TECHNICAL SPECIFICATIONS

Weight: 850 lb / 385.5 kg

Dimensions (L × W × H): 41.88 in × 55.97 in × 90.63 in
1063.6 mm × 1421.7 mm × 2302 mm

Pump Capacity: 9 pumps (supports up to 18 applicator guns)

Hopper Powder Capacity: 20 lb / 9 kg

Required Air Flow: 88 CFM

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Why choose Nordson

In highly competitive manufacturing markets, productivity is vital and performance is essential. That's why we apply both to everything we do, whether it's our products, expertise or outstanding customer service. We'll always be there to help maintain the new standards you've set, with expert service and support delivered through our teams working across the globe.

This unique Nordson approach helps you reach new levels of production, while working more accurately, efficiently and competitively than ever. Precisely why manufacturers who demand quality, can rely on Nordson.

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