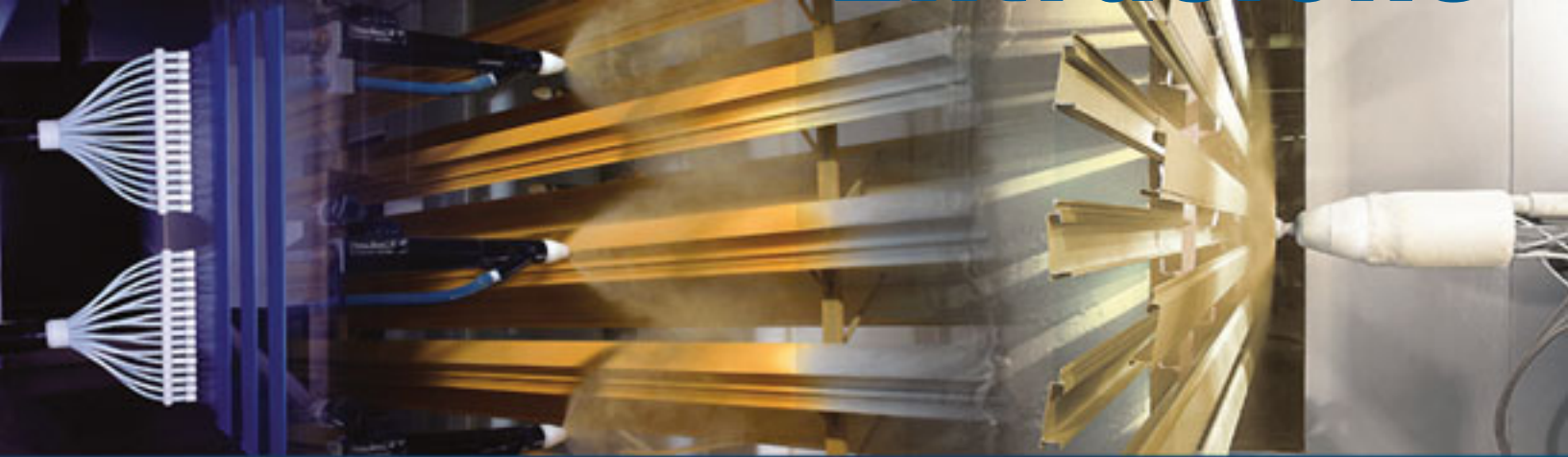


Liquid and Powder Spray Application Solutions
Extrusions



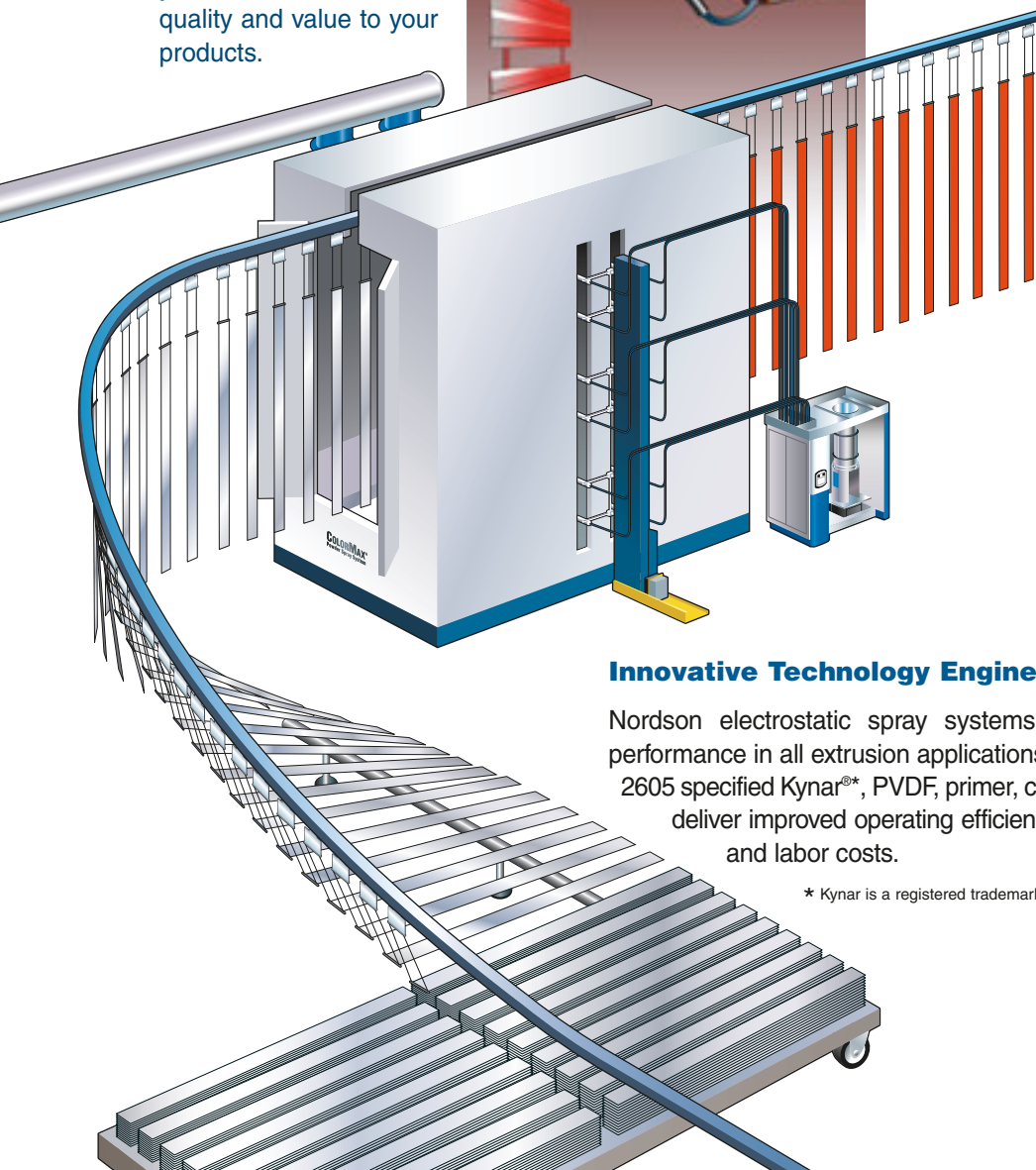
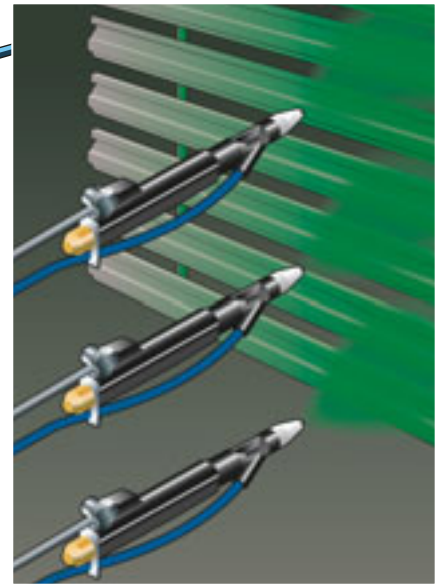
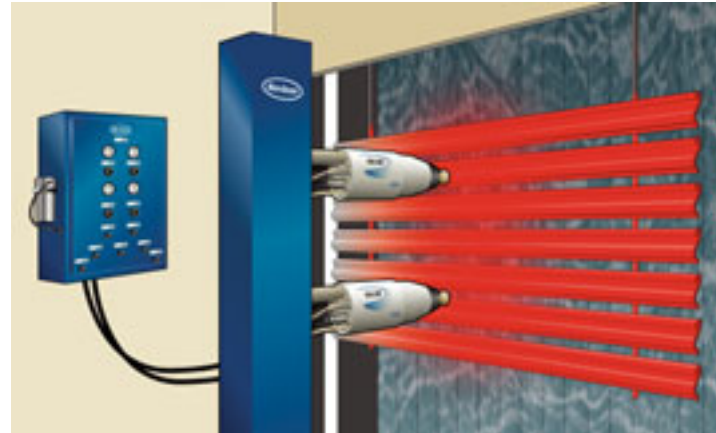
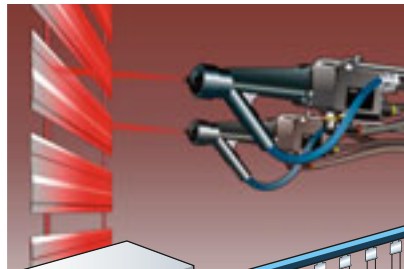
Liquid and Powder Spray Application Solutions

Extrusions

The challenge for improvement is a constant in the manufacturing of aluminum extrusions. And with it comes the challenge to deliver product that consistently meets the industry's performance specifications.

As the world's largest supplier of precision dispensing technologies, Nordson Corporation can provide complete finishing systems, process controls, and nozzle technology to help you meet those ongoing requirements. Whether you are spraying powder or liquid; in a horizontal or vertical line configuration; for residential or commercial structures, Nordson has the experience and the electrostatic technology to deliver consistent, high-performance results.

Nordson, a worldwide leader in the extrusion market, has the innovative technologies that give you the control to add quality and value to your products.



Innovative Technology Engineered For High-Performance Results

Nordson electrostatic spray systems and technology provide reliable, accurate performance in all extrusion applications. No matter the coating: AAMA 2603, 2604, or 2605 specified Kynar[®], PVDF, primer, color, metallics and clear coats, Nordson systems deliver improved operating efficiency, increased productivity, and reduced material and labor costs.

* Kynar is a registered trademark of Atofina Chemicals, Inc.



Liquid Systems

- Horizontal systems with line speeds up to 20 feet per minute
- Excellent transfer efficiency = paint savings
- Color-change time is less than one minute



Powder Systems

- Vertical and horizontal systems with line speeds at 4 to 25 feet per minute
- Eliminates waste as powder is reclaimed and re-sprayed
- Quick color-change booths



RA-20 Rotary Atomizer

- Close-in painting for superior recess penetration and film build control
- Good flow and leveling of a variety of coatings for minimal touch-up
- Delivers an 8- to 42-inch spray pattern



Kinetix® Spray Gun

- Consistent part coverage and fan pattern control from 4 to 20 inches
- High transfer efficiency and minimal overspray
- Fine particle atomization by Nordson air caps



Prodigy™ Technology with HDLV™

- Dense phase powder transport
- Precision dispensing with HDLV
- Ultra-fast, contamination-free color change



ColorMax® Powder Spray System

- Contamination-free color change in 15 minutes or less
- Streamlined canopy and booth design
- In-line pumps provide improved efficiency and enhance quick and thorough cleaning



iControl® Integrated Control System

- 255 user-configurable presets to control atomizing, flow rate, KV and micro-amperes for automatic guns
- Automatic gun triggering with part identification and zone triggering
- Closed-loop digital flow control to monitor pressures and maintain consistent airflow



Sure Coat® and Versa-Spray® II Automatic Spray Guns

- AFC control for consistent, optimum transfer efficiency
- Applies thin and thicker film build coatings precisely



Tribomatic® II Powder Spray Gun

- Superior penetration into Faraday-cage areas
- Controlled spray for a smooth finish
- Large variety of spray heads



Nozzles

- Wide variety of proprietary liquid and powder nozzles
- Maximum material utilization
- Flexibility and control in atomization, electrostatic wrap, fan pattern, and finish



iControl® System

The Nordson Advantage

The iControl integrated control system with closed-loop digital flow control and automatic gun triggering takes control of your powder coating operation.

- Improves profitability
- Reduces film build variations
- Maintains consistent film thickness
- Reduces reject rates
- Automatic triggering increases efficiencies
- Reduces powder material use
- Improves powder system performance

Quality **Certification**

Just as quality standards and performance requirements for aluminum extrusion manufacturers remain stringent, Nordson engineers coating and finishing systems to meet the exacting application requirements of its customers. Having met both QS-9000 and ISO-14001 standards, these certifications attest to the design, manufacturing, marketing and distribution of our products and services. Further, it reinforces Nordson's commitment to producing high-quality products and our continuing dedication to process improvement.

Call **Nordson.**

For over 50 years, Nordson has led the way in the development of innovative technologies for the efficient application of finishing coatings. Finishers around the world choose Nordson for advanced technology, quality manufacturing and the industry's best customer support. Regardless of your dispensing needs, you can rely on Nordson to deliver the most value for your finishing equipment investment.

To learn more about how Nordson technology has your extrusion coating challenges covered, contact the appropriate Nordson office listed below.

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 Nordson regional headquarters office.

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