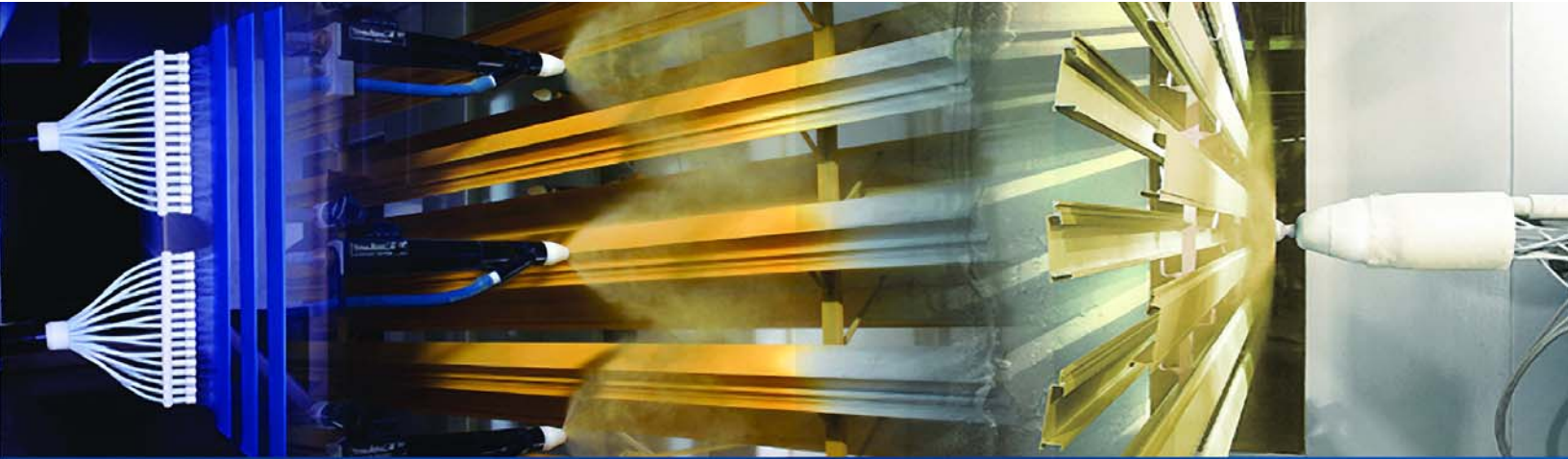


Powder and Liquid Spray Application Solutions

Extrusions

FOR VERTICAL AND HORIZONTAL ALUMINUM EXTRUSION PROFILES



Powder and Liquid Spray Application Solutions

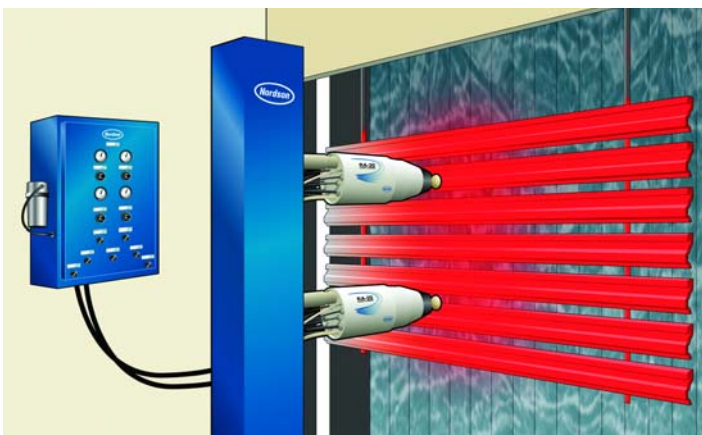
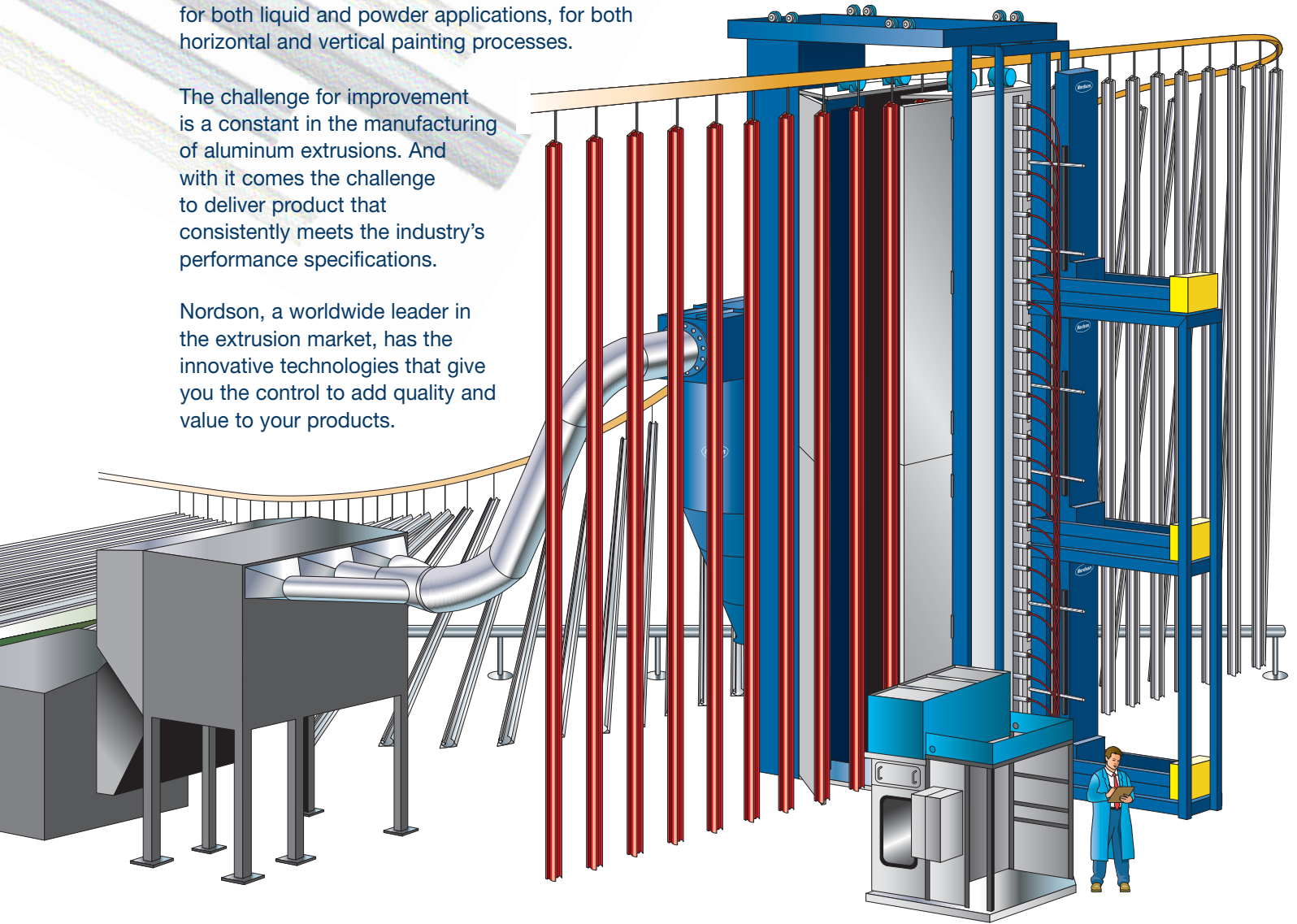
Extrusions

FOR VERTICAL AND HORIZONTAL ALUMINUM EXTRUSION PROFILES

As the world's largest supplier of precision dispensing and fast color change technologies, Nordson can supply engineered system solutions for both liquid and powder applications, for both horizontal and vertical painting processes.

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.

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.



Nordson Covers

All of Your Coating Performance Requirements

Whether its powder or liquid coatings you require, Nordson electrostatic spray systems and technology provide superior coverage and contamination free color change. No matter what the coating specifications: AAMA 2603, 2604 or 2605 Kynar[®]*, PVDF, metallics, and clear coats, Nordson systems deliver increased production, reduced coatings material usage, and reduced labor costs.

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



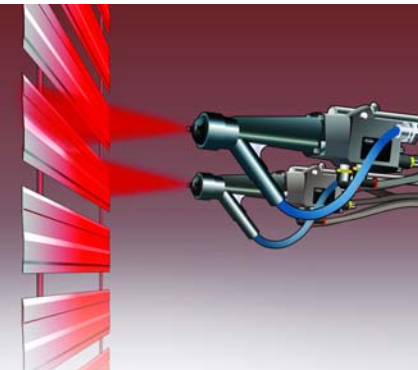
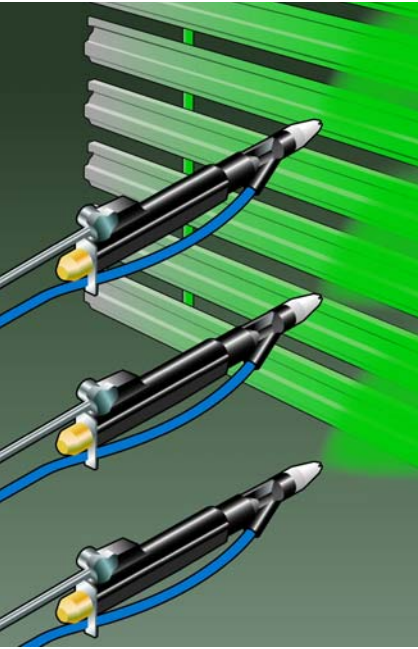
Liquid Systems

- 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 up to 25 fpm plus
- Fast 10 minute color changes with self-cleaning booth
- High transfer efficiency and optimum system efficiency with superior application and recovery technology



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-amps 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® Automatic Spray Guns

- Straight through purgeable design for automatic contamination free color changes
- Easy plug and play installation with the iControl Integrated Control system
- Optional quick disconnect fitting means quick hose changes for light and dark colors



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

Nordson's Vertical and Horizontal Powder Systems Technology Deliver High Speed Production and Fast Color Change

- Nordson's superior gun moving and application technology provide superior coating performance at line speeds up to 25 fpm plus
- Nordson's self cleaning booth and automatic color change capability result in fast contamination free color change
- Nordson's Apogee canopy material resists powder attraction for faster color change and the ultimate in total system efficiency
- Nordson's iControl Integrated Control system offers programmable gun settings, and automatic part identification, for precision dispensing and reduced material savings
- Nordson's vertical system technology is superior to existing technology that is high in powder material usage and disposable waste

Advantages of Vertical and Horizontal Powder Systems for Aluminum Extrusion Profiles include:

- Reduced VOC's (volatile organic compounds) and no solvents so no need for thermal oxidizers
- 99.9% reclaimability and reuse of powder overspray
- More durable and weather resistant coatings meeting AAMA 2603, 2604, and 2605 specifications for stain resistance, salt spray resistance, and weatherability
- A wide range of high gloss, flat, and textured finishes for PVDF, Kynar ®*, colors, metallics, and clear coats

Nordson's Decades of Liquid Application Experience Result in Superior System Performance

- Nordson's Electrostatic, Non-Electrostatic and Rotary Applicators deliver optimum application efficiency
- Nordson's proven nozzle technology offers extended life and high reliability
- Nordson's years of liquid application and system experience mean service and support you can count on

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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