

Nordson Container Systems



***Coating, Dispensing and Curing Systems
for Three-Piece Can Manufacturing***



Innovative Systems to Meet Your Demanding Production Challenges

Nordson is an industry leader in developing advanced coating dispensing and curing systems for three-piece food, aerosol and general purpose containers. For more than 30 years, can manufacturers throughout the world have relied on Nordson for solutions to their production challenges.

Improve Productivity and Reduce Costs – Up and Down the Line

Nordson offers a full line of systems to help you increase productivity, reduce material and labor costs, and provide reliable, accurate performance. From basic gun, pump and hose configurations to more complex systems, we provide the right processing solutions for your specific application, operation and budget.

Nozzles

- Dome and proprietary Cross-Cut® nozzles for operating flexibility.
- High quality carbide nozzles provide excellent abrasion resistance and superior performance with reduced plugging and overspray.
- Available turbulence plates and restrictors for increased atomization at lower pressures and reduced nozzle wear.
- Extensions, adapters and swivel heads available for specialized applications.



Dispensing Guns

- Fast, accurate material deposition and excellent flow control.
- Precision and accuracy with operating speed capabilities in excess of 3,000 cpm.



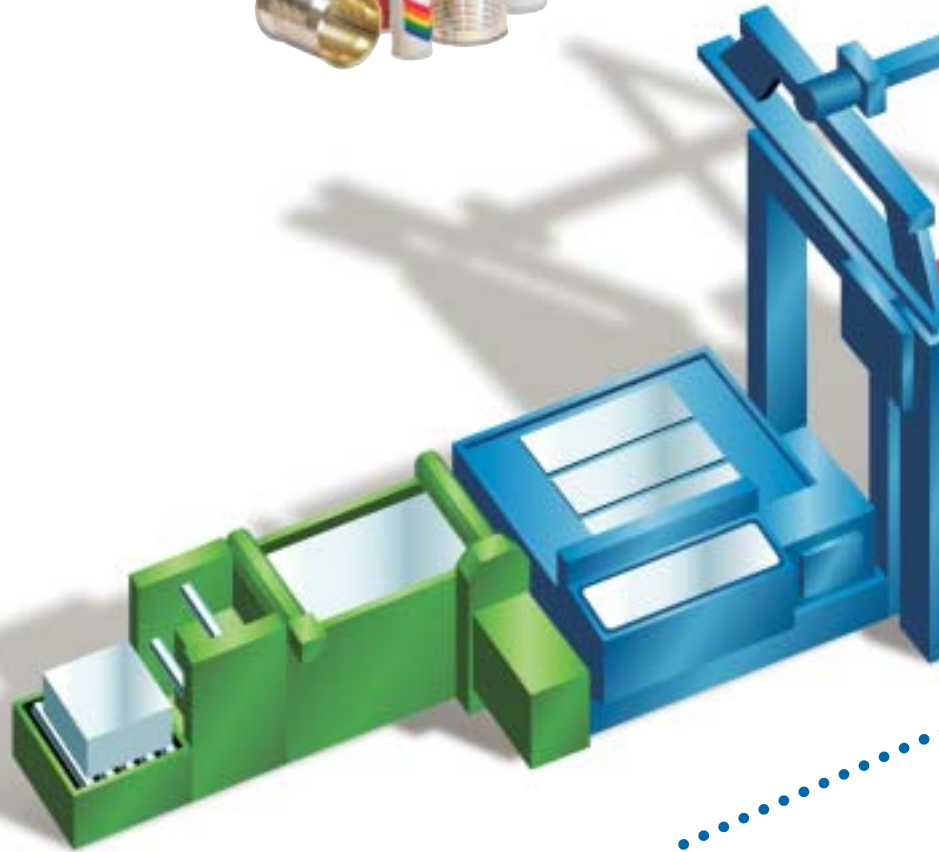
Pumps

- Modular design provides for fast, easy routine maintenance.
- Accommodates specially engineered materials in high speed applications.
- Manufactured under ISO-9000 standards for excellent performance and reliability.



Inside and Outside Stripe

- Provides fast, accurate application of waterborne or solvent-based can lacquers as a stripe to the inside or outside of a welded seam.
- Delivers consistent, repeatable material application at demanding line speeds.
- Includes specially designed Nordson dispensing guns, pumps, fluid heaters, filters and nozzles.



CanWorks® iTrax™ Spray Monitor System

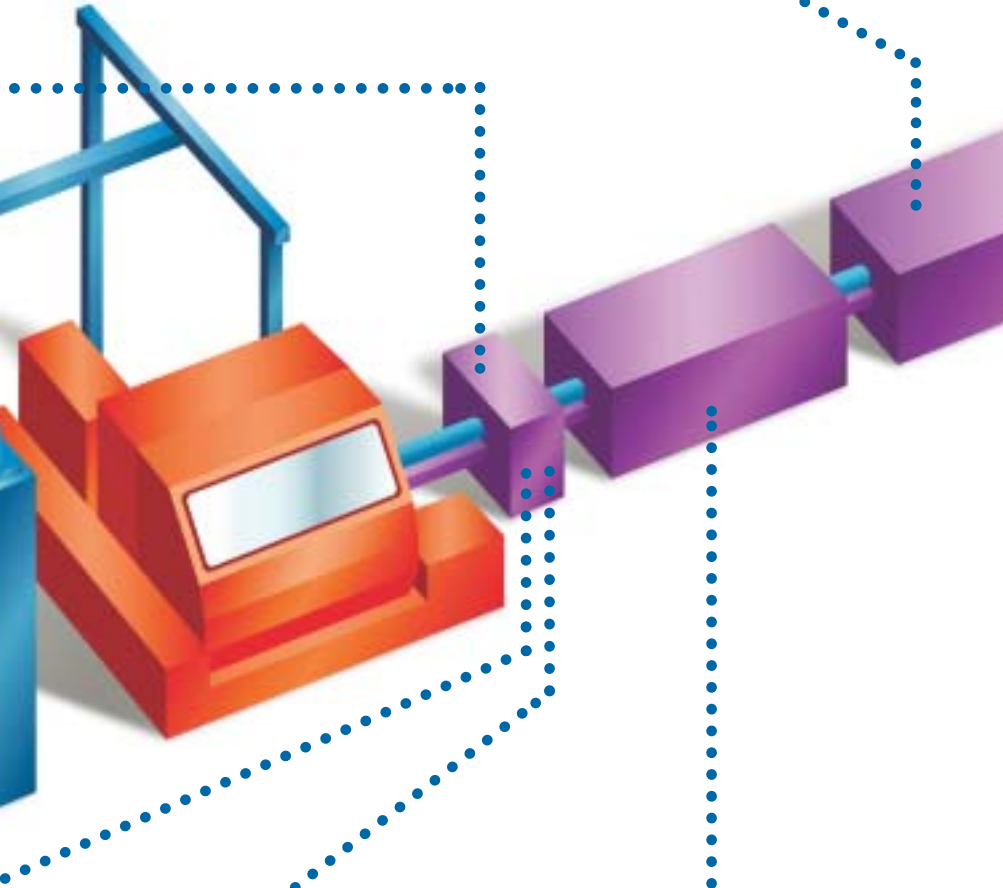
- PC-based diagnostics continuously monitor flow of coating material through gun nozzle.
- Automatically alerts users to changes in flow.
- Identifies improperly coated cans as they are sprayed to continue running with little or no downtime.



• IMPROVED PRODUCTIVITY • REDUCED COSTS

Induction Curing Oven

- Once cans are coated, melts powder coating to form a smooth, durable finish.
- Heats only the can, not the air around it.
- Provides a complete cure in seconds, using 80 percent less energy than conventional sheet coating and side-seam coating ovens.



Weld-arm Powder Coating

- Provides fast, efficient in-line coating for more effective, environmentally-compliant manufacturing.
- Eliminates need for sheet coating and side-seam coating operations.
- Coats and cures in line, to reduce inventory and enhance lean manufacturing methods.



Side-Seam Pre-Cure System

- Preheats weld seams for faster welding line speeds without increasing oven capacity.
- Provides additional heating necessary to set and cure powders in combination with existing ovens.
- For liquid coatings, improves cure by increasing the time cans are at cure temperature.

End Manufacturing Systems

Compound plastisol application and score repair play an integral role in the production of a quality finished product. Our complete line of dispensing equipment helps meet your unique application needs with speed and efficiency.

Score Repair

- Nordson high-speed accurate spray guns and nozzles are used in a variety of machines to apply protective coatings to the score area of EOE.
- The OptiMix® CC PC-controlled dispensing and mixing system is used to automatically mix multiple-component coatings.



End-Lining

- Nordson electro-pneumatic can end-lining gun applies sealant compounds to can ends for stationary liners.
- Provides fast, clean cut-off with zero-cavity, needle-and-seat designed nozzle.
- Incorporates a detent adjust control for very fine adjustments required in exacting end-lining operations.
- Reduces compound waste, tailing and machine downtime.



EcoDry™ Compound Dryer

- Compact, energy efficient induction-heating system for drying water-based end compounds.
- Ideal for three-piece can ends.
- Quick and easy tooling changeover accommodates various end sizes.



- Heats only can end, not the air around it, for faster, more complete drying and energy efficiency.
- Consumes 50 to 70 percent less energy than conventional dryers.
- Retrofittable into existing lines without major modifications.

Total System Solutions For All Your Container Applications

As Total System Solutions specialists to container manufacturers around the world, Nordson is dedicated to helping customers improve product quality and operational efficiency. From initial consultation to proven system design, engineering and technical support, we are committed to support the requirements of your operation every step of the way.

- **Innovative application technology** designed for reliable performance and maximum productivity. Our high-quality products are used in systems for dispensing, end lining and curing, lubrication, identification, induction heating, and UV curing and drying.
- **Expertise in application development** and system design to meet your specific production requirements.
- **An expert project management team** dedicated to your total system solution.
- **Expert installation specialists** for timely, effective system integration.
- **Equipment demonstrations** on customer specific parts to test system performance prior to the sale to assure success and satisfaction.
- **Formal and hands-on training** at Nordson or at your facility.
- **Factory direct service 24/7/365** for fast response to your requests.
- **Technical assistance hotline** for immediate help.
- **Replacement parts** in stock to meet normal or emergency situations.
- **ISO certification** of Nordson facilities and operations attests to excellence in our systems and enhances our ability to provide superior quality products and services to our customers.
- **In-house technical specialists** provide easy access to the most up-to-date information available on spray application equipment and systems.
- **A team of dedicated professionals** in our Customer Support Center provide instant spare parts pricing and availability, easy order entry and inquiry, and warranty returns assistance.



Nordson's production-proven total systems solutions help you deliver the high-performance products your container manufacturing customers demand, while improving your product quality and productivity and reducing associated costs.

At Nordson, we are committed to the highest standard of excellence in our products, people and services for your complete satisfaction.

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

Nordson Corporation is pleased to offer worldwide sales and services support through an integrated network of regional offices. Please contact these locations for the name of your local representative.

The Americas:

Amherst, Ohio USA
Telephone: 440.985.4000

North America:

Facsimilie: 440.985.5100
E-mail: container@nordson.com

South and Central America:

Facsimilie: 440.985.1096
24-hour message service:
440.985.4797

E-mail:
psd_customerservice@nordson.com

Europe:

Erkrath, Germany
Telephone: 49.211.9205.0
Facsimilie: 49.211.9252.148
E-mail:
sales.liquid@de.nordson.com

Japan

Tokyo, Japan
Telephone: 81.3.5762.2700
Facsimilie: 81.3.5762.2701

Asia

Singapore
Telephone: 65.6896.9630
Facimilie: 65.6896-9631
E-mail:
psd_customerservice@nordson.com

Australia/New Zealand

Sydney, NSW Australia
Telephone: 61.28.825.6610
Facsimile: 61.29.838.7394
E-mail:
psd.customerservice@nordson.com



www.nordson.com