

BetterBook™ Solutions

*Perfect binding adhesive systems for books that lie flatter,
last longer and look better.*



Flexible adhesive application and verification systems help improve spine and side gluing.

Nordson® BetterBook binding solutions provide you with the best adhesive systems to produce consistent, high-quality perfect bound books. With more than 40 years of adhesive application experience, Nordson has a full range of products to meet your specific paper stock and adhesive bonding requirements for spine and side gluing applications.

Nordson bookbinding systems:

- **Provide consistent, reliable performance** with precise dispensing and clean cutoff.
- **Increase productivity** by reducing cleanup and shortening startup/shutdown times.
- **Deliver production flexibility** by being easily adjusted for changeovers and integrating into existing production lines.
- **Help lower production costs** by reducing waste and adhesive usage.



The diverse Nordson product line delivers flexibility to use:

- *EVA or PUR hot melt adhesives*
- *Contact or non-contact adhesive application*
- *Open or closed application systems*
- *Verification and quality assurance solutions*

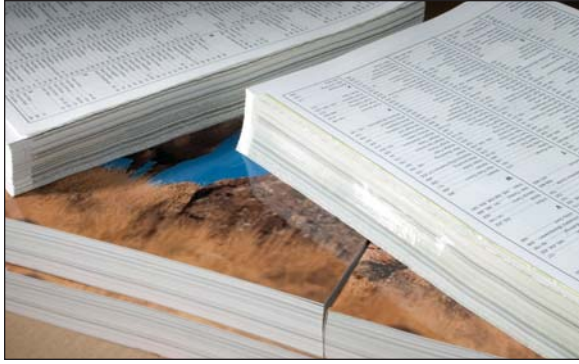


Spine Gluing

Nordson specializes in the use of polyurethane (PUR) adhesives for spine gluing applications. With systems to both dispense and verify adhesive patterns, Nordson helps you achieve a consistent adhesive bond even on difficult to bond cross-grain, aqueous or UV-coated papers, as well as on digital printed papers used in Xerox® iGen™ or HP® Indigo® printers.

Nordson slot nozzle technology delivers precision application using positive pressure and clean cutoff for consistent, reproducible spine coating thickness. The closed system helps reduce the daily cleanup, decrease the adhesive waste and shorten the startup/shutdown times associated with traditional open pot systems. As such, it is ideally suited for use in digital printing environments.





Integrated Side Gluing

Special patented nozzles deliver precise adhesive placement and uniform film size to side gluing applications. This allows the flexibility to bind difficult materials and produce all PUR perfect bound books, even in small binders. The pneumatic adhesive EP 48 VSB gun delivers clean cutoff, improved performance and superior aesthetics.

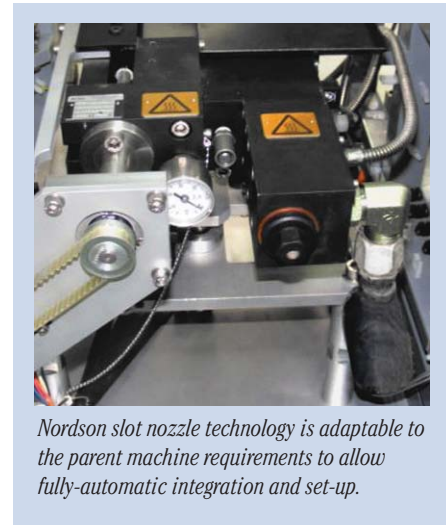


Premelting

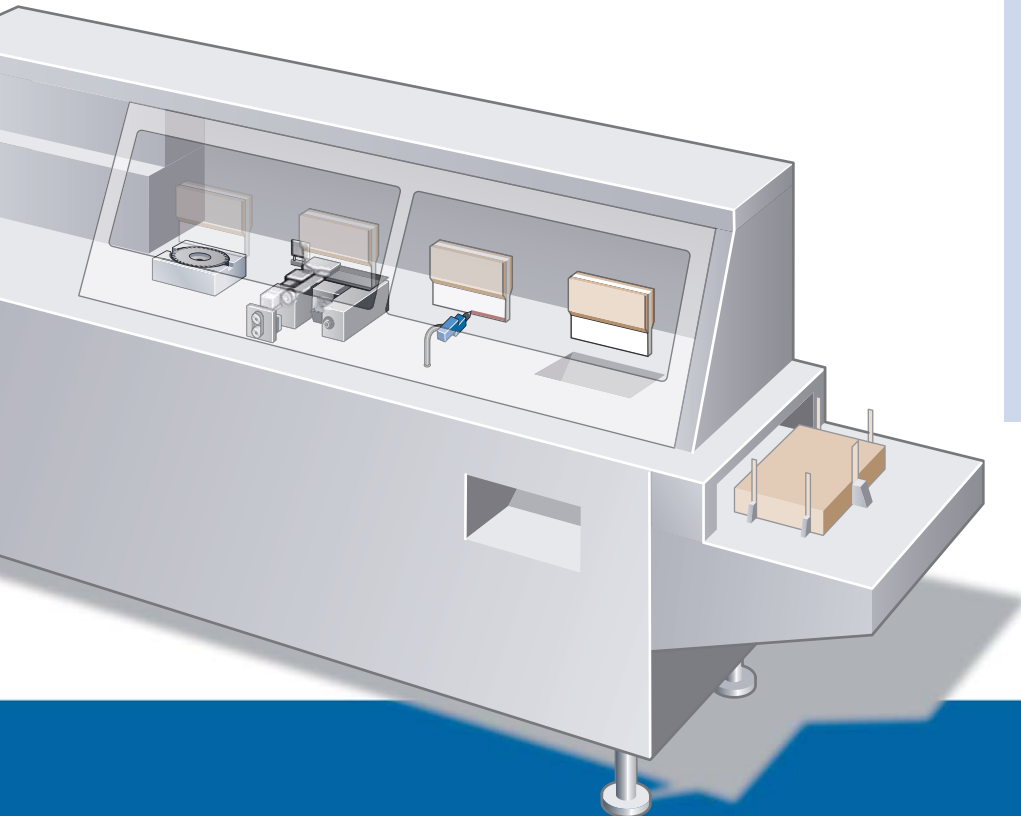
A wide range of bulk melters and premelters accommodate various adhesive requirements. Nordson melters utilize melt technologies that help protect adhesive integrity and optimize dispensing and bonding. Precision temperature controls and sensors maintain constant temperature for consistent viscosity and application control.



Nordson's integrated LogiComm® system delivers precise pattern control, quality verification or both to the bookbinding industry. The easy-to-program touch screen system can simultaneously detect and verify numerous parameters including volume and accuracy of adhesive deposition. This combination pattern control and verification system includes production reporting and closed loop compensation features.

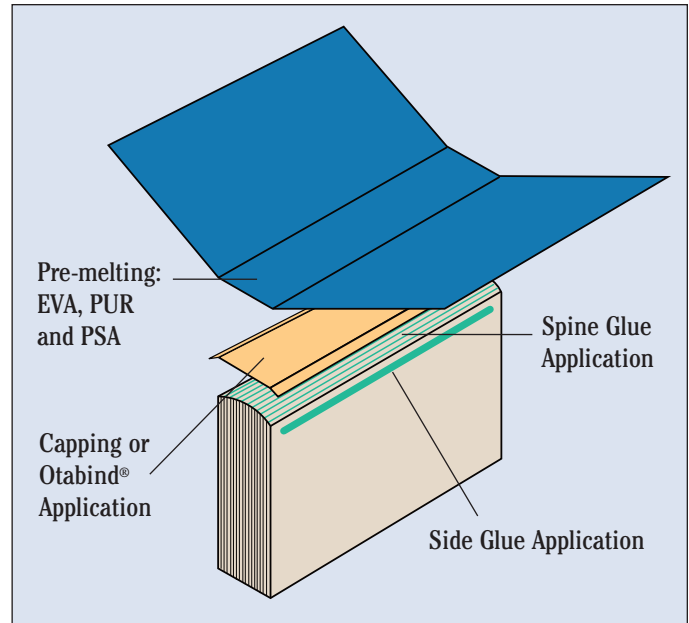


Nordson slot nozzle technology is adaptable to the parent machine requirements to allow fully-automatic integration and set-up.



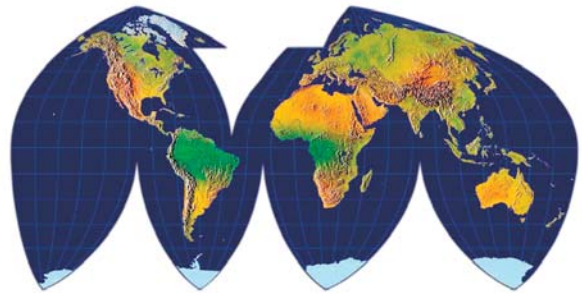
Bookbinding Applications

The Nordson bookbinding product offering includes premelters, melters, dispensing guns, application heads, detection systems and UV-curing systems. These specialized products can be combined to create a bookbinding adhesive and/or curing system that meets your production needs while delivering the best performance.



Worldwide Service and Support

Locally-available, worldwide sales, service and application engineering teams support your perfect binding adhesive application and detection systems before, during and after the sale.



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Xerox and iGen are registered trademarks of Xerox Corporation.
HP and Indigo are registered trademarks of Hewlett-Packard Development Company, LP.

Features and Benefits

- **Improve book quality** with consistent adhesive application and reliable detection systems.
- **Increase production flexibility** with easily-adjustable equipment for changes in spine width and/or adhesive thickness.
- **Use less adhesive** by reducing adhesive thickness and waste while increasing application consistency.
- **Reduce adhesive contamination and cleanup** with closed adhesive systems.

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

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www.nordson.com/betterbook



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