

# BetterWood Solutions

**Nordson adhesive dispensing solutions for edge & surface treatment and lightweight board production enhance your productivity and profitability.**



As an industry leader in edge banding applications, Nordson is capable of providing edge treatment solutions to help you improve your productivity, reduce operational costs, and fulfill your current and future product requirements.

# Edge Treatment Solutions

## Edge Filling and Edge Sealing Solution

With the new Nordson application technology, manufacturers can produce high-quality boards most cost-efficiently. Benefits include:

- Increased moisture protection of the board
- Structural strength
- Designed for lightweight boards made of thick particle composites
- Superior quality even when using the thinnest decorative materials

## Postforming

Nordson has flexible, reliable solutions for all postforming applications, where frequent width changes are needed. These solutions provide:

- Clean adhesive cutoff
- Repeatable product quality
- Reduced adhesive consumption
- Closed system, so no contamination



Edge Filling and Edge Sealing



Postforming

## Nordson Edge Banding Solutions

The Nordson® EB60 Flex applicator replaces open glue-roller systems with slot nozzle technology for consistent adhesive application to the edge of the panel, enhancing your process to help you achieve what is really important for you:

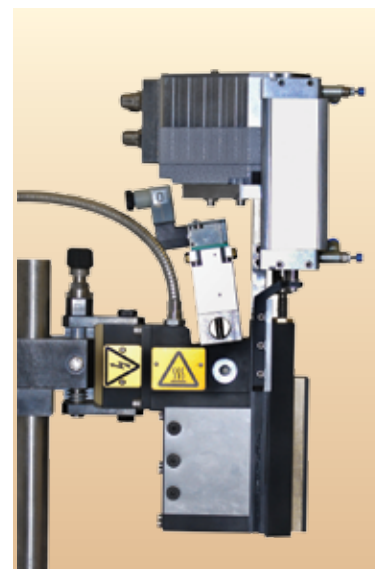
- Highest-quality product appearance
- Better Bonding quality (polyurethane adhesives – PUR)
- Adhesive savings
- Production line flexibility and efficiency

## Features:

- PUR application (non-reversible bonding) with low application volume
- Automatic height adjustment for flexible production and with optional grammage control
- Lot size “one” (1) capability

## Benefits:

- Best product appearance and Better Bonding (virtually invisible PUR adhesive layer by applying precise adhesive volume)
- Adhesive cost savings of up to 50% (120 g/m<sup>2</sup> instead of 240 g/m<sup>2</sup>)
- Minimum scrap rate as a result of controlled application (first panel saleable)
- Integrated process with reduced maintenance resulting in higher productivity



Customers benefit from Nordson's continual developments of surface treatment applications offering flexible customized solutions for profile wrapping as well as the demanding flat lamination market.

# Surface Treatment Solutions

## Profile Wrapping

For many years Nordson systems have been successfully used in the wood industry, even for thin decors where the market requires excellent appearance of the final product. Nordson's TrueCoat® FS – PW applicator series in conjunction with precise metering control help customers achieve this. Nordson systems provide:

- Highest product quality driven by best-in-class consistency of adhesive delivery
- Highest customer flexibility as a wide variety of different materials (adhesives, substrates, etc.) can be processed
- Highest machine uptime due to quick-exchange system components
- Most compact design of width-adjustable adhesive applicators
- Lowest product costs driven by overall adhesive savings



## Flat Lamination

Nordson's new flexible, modular technology for flat lamination applications has been designed to meet the demanding market requirements. Using the same basic concept, this modular application platform is capable of processing a wide range of adhesives in combination with various substrates. Nordson flat lamination solutions include:

- Quick-exchange nozzle concept to increase machine efficiency
- Highly-accurate application weight control and application tolerance
- Compact design
- Automatic width adjustment for flexibility and fast format changes



# Lightweight Board Solutions

## Nordson Foamed Adhesive Solution

Providing honeycomb panel assemblies with:

- Significant adhesive cost savings depending on foam rate
- Higher panel strength with non-reversible bonding capability using PUR adhesives
- Thin and controlled adhesive layer for a stable assembly process (compression)
- Stronger adhesion and longer open time for panel assembly



## Worldwide Service and Support

Delivery of your new wood application system is just the beginning. Nordson helps protect your investment with exceptional people, programs and service to keep your equipment in peak operating condition. For your satisfaction, Nordson solutions are backed by a Package of Values® that includes:

- Locally-available Service Network
- TrueBlue™ Service & Preventive Maintenance Plans
- Global Service & Distribution Centers
- Repair & Exchange Programs

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

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### Nordson Corporation

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