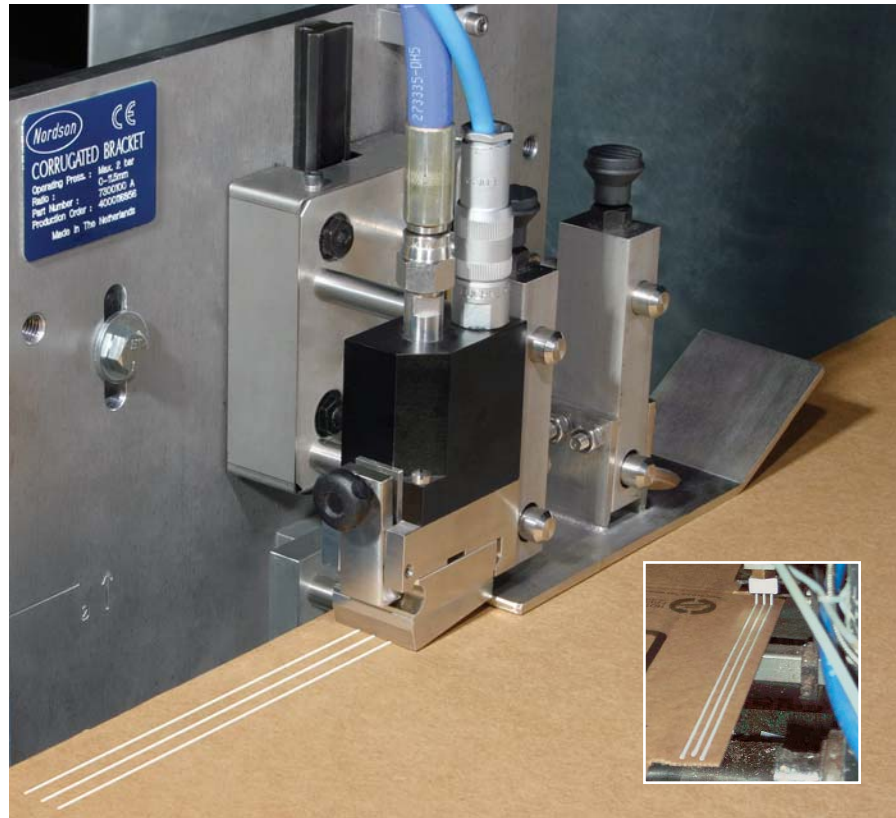


Adhesive Application Systems for Corrugated Container Manufacturing



Cold adhesive systems provide random length pattern control, simplifying glue lap bonding in corrugated box manufacture.



Nordson corrugated systems deliver simple operation and help improve corrugated box quality. The systems provide comprehensive cold adhesive application for corrugated box manufacturing.

A Nordson corrugated system helps improve cold adhesive deposition and repeatability compared to glue wheels. The pattern control directs adhesive placement on variable-length corrugated blanks produced at varying line speeds. This random-length control automatically adjusts pattern length on the tab side without additional programming, simplifying product changeover. An integrated run-up flow control regulates hydraulic pressure so the same amount of adhesive is dispensed regardless of line speed.

Nordson systems also help reduce maintenance and clean-up compared to glue wheels.

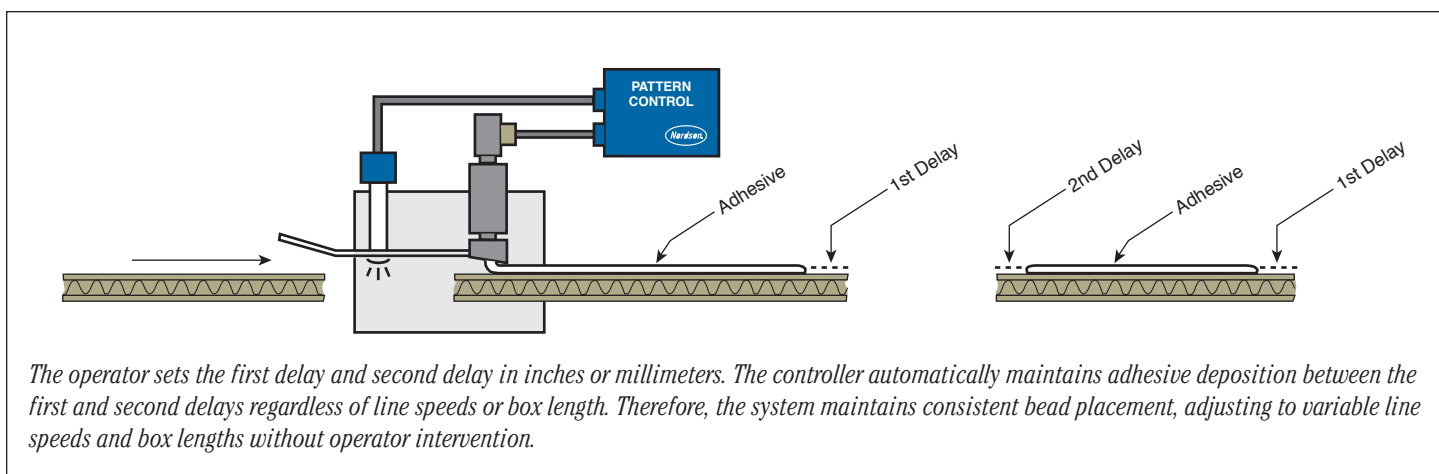
The easy-to-install systems come as complete packages. Configurable contact and non-contact solutions include pneumatic or electric guns and high and low pressure pumps.

Optional adhesive detection systems verify adhesive presence and placement to customer-determined tolerances. This real-time monitoring allows defective pieces to be identified.

Features and Benefits

- **Random-length pattern control** automatically recognizes and maintains consistent adhesive placement for changes of line speed or box size.
- **Optional advanced adhesive detection sensor** monitors adhesive volume and placement without adhesive additives.
- **Flexible bracket assembly** repositions quickly for inside or outside glue lap bonding.
- **Contact or non-contact pneumatic or electric guns** offer excellent deposition and repeatability.
- **Serial communication** supports automatic set-up through PLC interface with OEM equipment.
- **Minimum speed disable** prevents unwanted gun operation below customer specified value.
- **Jam detection** reduces downtime by helping eliminate jam-ups.

Adhesive Application Systems for Corrugated Container Manufacturing



Specifications

	WM 408	LA 404	EPC-30
Max Line Speed m/min (ft/min)	700 (2300)	600 (1800)	300 (984)
Pattern Accuracy	1 mm (0.04 in)	1 mm (0.04 in)	1 mm (0.04 in)
Random Length Capability	No	Yes	Yes
Jam Detection	Yes	Yes	No
Electrical Service	85-260 VAC, 47-400 Hz	90-132 VAC or 175 to 264 VAC	100-240 VAC, 47-63 Hz
Program Memory (max)	50	50	50
Independent Channels	8	4	4
Independent Triggers	3	4	2
Runup Curves	4 independent outputs	2 independent outputs	2 independent outputs
Serial Communication Capability	Yes	No	No
Approvals	CE, UL	CE	CE, UL
Multiple Languages	Yes	Yes	No

For more information on Nordson corrugated systems click the link or go to www.nordson.com/packaging/corrugated.htm

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

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