

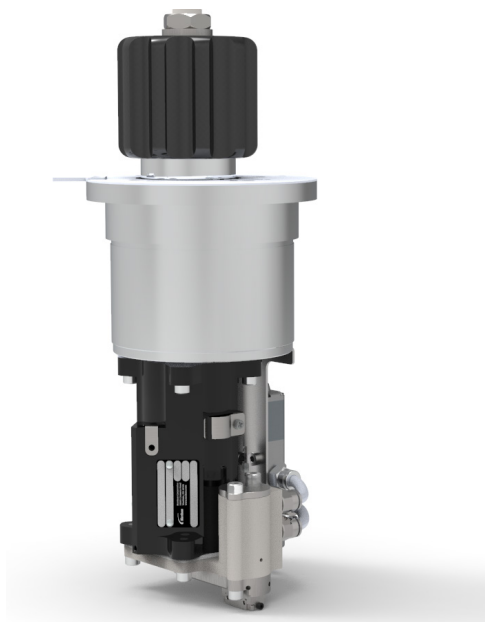
FlexSeam™ Adhesive Applicator (4-axis robot version)

300CC PUR Dispensing Applicator

A precise and reliable PUR Dispensing Applicator for automatic fabric bonding processes

Nordson FlexSeam™ adhesive applicators (for 4-axis robot) are designed to jet/ slot-coat hot melt PUR adhesives with various patterns on a wide range of fabric materials to support the PUR based fabric bonding applications.

Nordson patented FlexSeam™ dispensing system provide precise PUR jetting and slot coating patterns on challenging fabric surfaces. A wide range of FlexSeam™ nozzles support customer's requirements without changing the major system parts on-site. A special 4-axis robot is exclusively designed to work with the FlexSeam™ applicators, providing flexible, precise and highly efficient PUR dispensing performance.



Features

- High precision, efficient and various automatic hot melt jetting/slot coating patterns on exclusively designed 4-axis robot
- Provides soft, flexible, breathable and versatile PUR bonding technologies on a wide range of fabric material types
- High repeatability and dispensing accuracy
- Perfect edge control and thickness control for slot coating
- Improved jetting performance by reduced adhesive accumulation
- Abundant jetting nozzles and coating nozzles are available
- Dual heating zones with precise temperature controls

Benefits

- One applicator for both jetting/coating applications (need to change modules), reduce equipment investment
- Highly consistent, accurate dispensing decreases the amount of rejected products and improves productivity
- Modular design and robust, long-life parts reduce equipment maintenance and overall downtime.
- Pneumatic modules deliver consistent dispensing and clean cutoff for beads

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Specifications

Operating Temperature	40° to 160/230° C (104° to 320/446° F) (160° C/320° F only for Zone1)
Working Hydraulic Pressure	2 to 6 bar (29 to 87psi)
Maximum Hydraulic Pressure	6 bar (87 psi)
Maximum Applicator Running Speed	200 mm/s
Actuation Air Pressure	5 bar (72.5 psi) recommended
Temperature Control Stability	±1°C (2°F)
Temperature Control Sensor	Ni120
Electrical Service	230 VAC 1 phase 50/60 Hz
System Input/output	3 digital outputs – Ready, Alarm/Fault, Low Level 4 digital inputs – Gun, Air, Level Detect, Leakage Detect 1 analog input – Gun Off Time
Installation Dimensions (W x H x D)	1420 x 632 x 1791 mm (55.9 x 24.9 x 70.5 in.)

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

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