



# AltaSpray™ Applicators

*Enhance production flexibility and reduce inventory and maintenance costs.*

## AltaSpray applicators:

- Accommodate numerous spraying and coating technologies
- Minimize cost of ownership
- Simplify service with less downtime



AltaSpray applicator with Universal UM25 modules and Universal Signature nozzles

AltaSpray applicators provide the flexibility and performance capabilities of a single-platform hot melt adhesive dispensing design. The simplified and economical configuration helps reduce initial investment and ongoing cost of ownership. Simplified system connectivity and fewer cabling requirements optimize applicator use with AltaBlue™ Series adhesive melters.

Interchangeable modules and nozzles add manufacturing efficiency and improve product performance. AltaSpray applicators are compatible with Universal™ UM25 and UM50 modules, and CF®200 modules. Modules accept numerous dispensing technologies, including CF200 nozzles and Universal CF, Summit™ and Signature™ nozzles for lamination; and Universal SureWrap™ nozzles for elastic attachment.

The angled manifold reduces air turbulence, improving pattern stability and web-routing options. An integrated air heater uses a thin-film flow design that enhances heating efficiency to produce consistent spray patterns, while reducing power consumption. Optional custom-fitted insulating jackets reduce heat loss, increase energy efficiency, and significantly minimize chance of incidental contact with heated surfaces.

Uniform thermal profile and advanced hydraulic features deliver superior product performance, increased efficiency and output uniformity. Common parts minimize inventory and speed product changeovers. The ability to rebuild all components increases service life and reduces cost of ownership.



Wide Universal UM50 modules for continuous applications require fewer modules, and Universal Signature nozzles dispense farther from webs.



AltaSpray applicators are available with up to 24 modules for wide-web applications up to 600 millimeters.



The integral filter traps contaminants to minimize nozzle clogging and downtime.

### Specifications

<b>Module Compatibility</b>	Universal UM25 and UM50 modules, CF200 module (purchased separately)
<b>Operating Temperature</b>	70° to 191° C (160° to 375° F)
<b>Working Hydraulic Pressure</b>	13.8 to 55.2 bar (200 to 800 psi)
<b>Maximum Hydraulic Pressure</b>	89.6 bar (1300 psi)
<b>Maximum Hydraulic Flow per module)</b>	110 grams per minute at 10,000 centipoise, 21 grams per square meter at 200 m/min
<b>Actuation Air Pressure<sup>1</sup></b>	4.1 bar (60 psi) recommended
<b>Maximum Process Air Flow (per 25 mm pattern)</b>	1.0 scfm @ 191° C (375° F), 1.5 scfm @ 177° C (350° F)

<sup>1</sup> Oil-free air must be used.

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

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