

# AltaSpray™ Plus Applicators

Enhance production flexibility and reduce inventory and maintenance costs.



*AltaSpray Plus applicator with Universal UM25 modules and Universal Signature nozzles*

AltaSpray Plus applicators:

- Efficiently accommodate numerous spraying and coating technologies
- Minimize cost of ownership and initial investment
- Simplify installation and service with less downtime

AltaSpray Plus applicators provide the flexibility and performance capabilities of a single-platform, hot melt adhesive dispensing design. The streamlined, 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 Plus 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® and Allegro™ 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 AirGuard™ separator protects the air chamber from adhesive contamination when changing modules. The ability to rebuild all components increases service life and reduces cost of ownership.

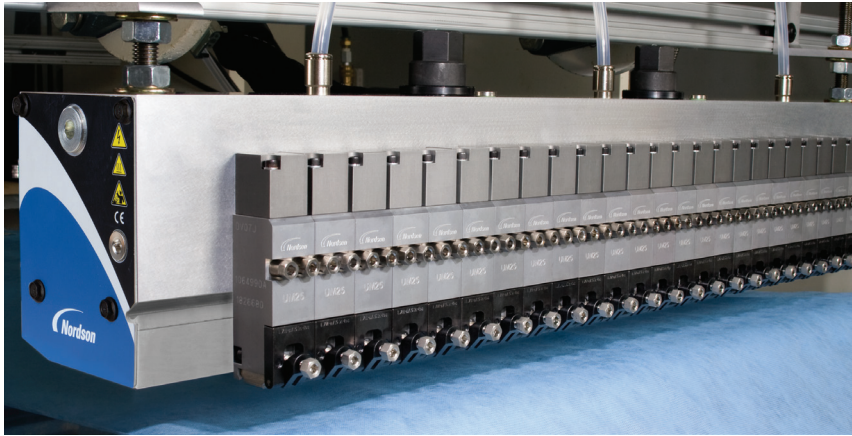


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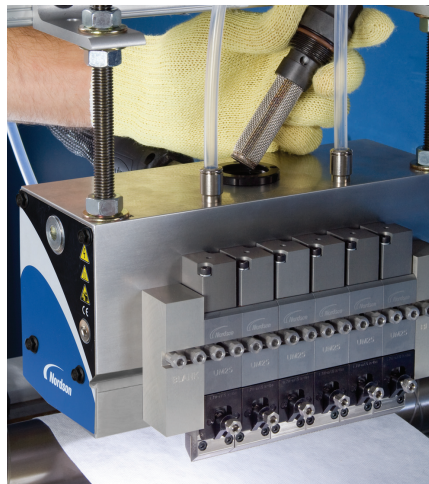
## Specifications

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

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



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.



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

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

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