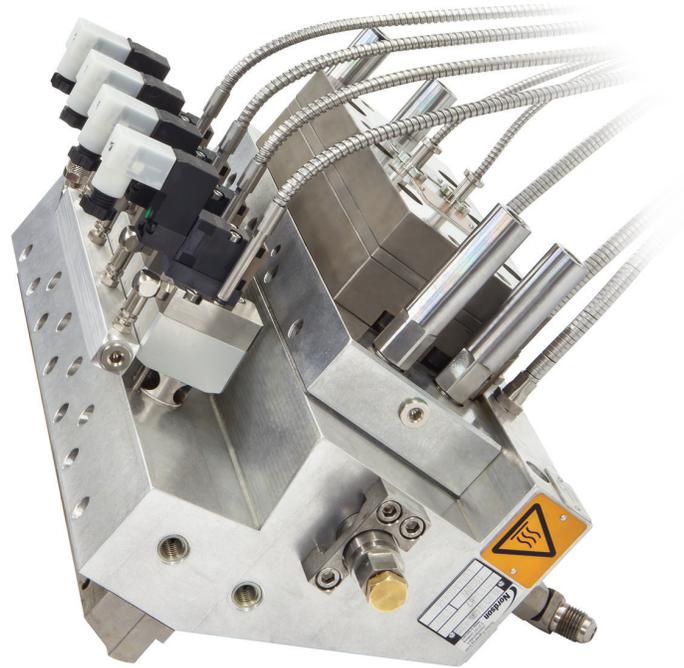


Universal™ TruFlow™ Applicators

Improve add-on precision with flow-metered hot melt adhesive delivery in continuous and intermittent spray and slot applications.

Universal TruFlow applicators:

- Optimize adhesive usage, improve cross-web pattern accuracy and reduce scrap with flow-metered adhesive dispensing.
- Enable the use of thinner, heat-sensitive substrates.
- Eliminate the need for extra motors and external motor drives.
- Produce consistent patterns with less power consumption.



Universal TruFlow applicators expand production capabilities through their compatibility with a wide range of Nordson module and nozzle technologies to deliver adhesive in continuous and intermittent spray and slot applications.

The applicator platform supports multiple spraying and coating patterns using passively-driven gears to deliver flow-metered hot melt adhesive. This technology eliminates the need for motors and motor drives used in traditional metered applicators, simplifying system set-up and integration.

Flow-metered dispensing significantly improves add-on uniformity, lowers adhesive consumption, and reduces scrap. Improved precision and reduced adhesive use further reduce raw material costs by enabling the use of thinner substrates. In addition, flow-metering provides monitoring and detection of clogged nozzles and modules to minimize maintenance and downtime.

An angled manifold reduces air turbulence for pattern stability, increases web-routing options, and facilitates elastic threading. Integrated air heaters improve adhesive temperature control for consistent patterns with less power consumption.

The uniform thermal profile, longitudinally and laterally, improves heat distribution and process stability. Large internal flow paths enhance performance and add-on accuracy.

When configured with independent flow-metered adhesive streams for each module, cross-web variation is minimized.

Applicators accept standard intermittent Speed-Coat® and continuous TrueCoat™, UM25 and UM50 modules for compatibility with Allegro®, CF™, Summit™, SureWrap®, Control Coat® and Signature® spray nozzles, and contact slot nozzles.

Universal™ TruFlow™ Applicators

Specifications

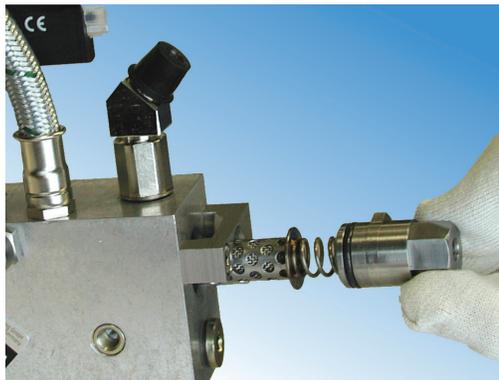
Module Compatibility	Speed-Coat, TrueCoat, UM25, UM50
Maximum Modules	3 modules per flow-metered stream, 24 modules per supply hose
Nozzle Compatibility	All Universal spray nozzles, Speed-Coat and TrueCoat slot nozzles
Maximum Pattern Width	500 mm
Displacement	0.93 cc/rev (per stream)
Temperature Range	125 to 200°C (257 to 392° F)
Viscosity Range	500 to 25,000 cps (mpas)
Maximum Hydraulic Pressure	85 bar (1233 psi)
Hydraulic Flow Range	5 to 150 gr/min/stream
Actuation Air Pressure	Refer to module data sheet



TruFlow single converter control box



Adapter plate allows easy change from UM25 to UM50 modules.



Quick-change modules, nozzles and filters minimize downtime.

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

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