

Realize improved add-on weight precision of hot melt adhesive with simplified, compact flow-metered dispensing

TruFlow single module applicators:

- **Optimize adhesive use and improve material delivery accuracy**
- **Simplify integration with small footprint and fewer cables and connections**
- **Improve production flexibility through compatibility with Universal™ nozzles**
- **Support spray and slot application in continuous or intermittent operation**

TruFlow single module applicators significantly improve add-on precision, lower adhesive consumption and reduce scrap. Improved precision and less adhesive usage further reduce raw material costs by enabling the use of thinner materials. In addition, flow-metering provides monitoring and detection of clogged nozzles and modules to minimize maintenance and downtime.

Passively-driven gears deliver flow-metered hot melt adhesive at the point of application. This technology eliminates the need for motors and motor drives, which reduces system complexity and capital investment.

The TruFlow applicator design maintains consistent temperature control for process stability and pattern consistency.



Benefits

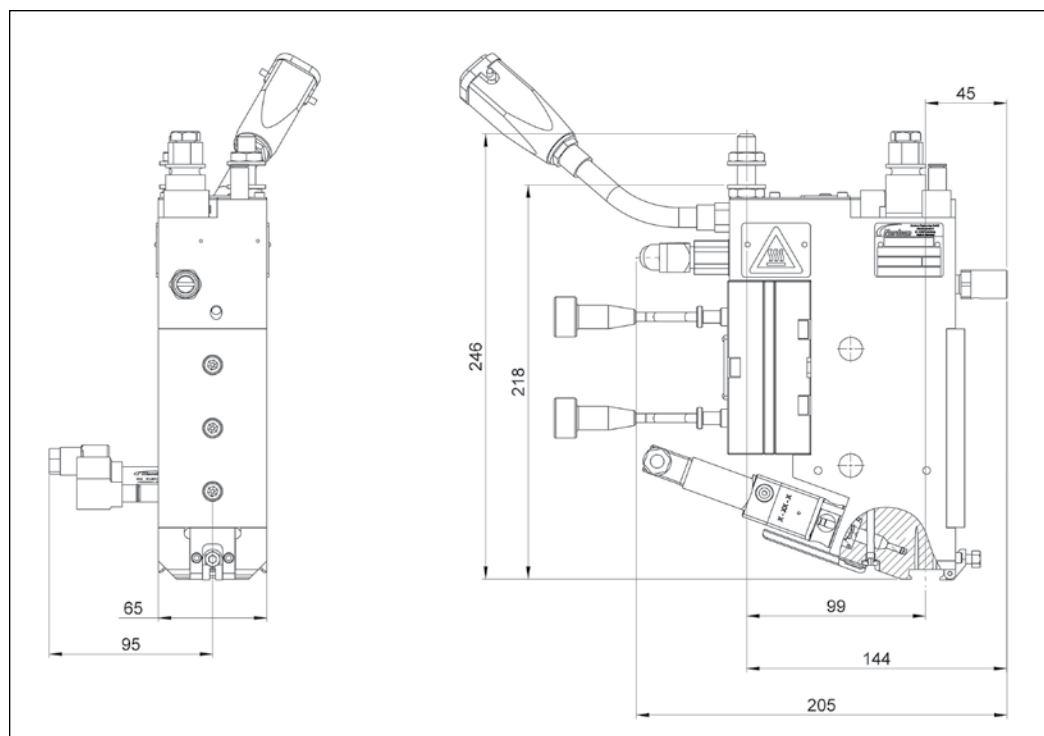
- **Improve material delivery consistency during ramp-up and steady-state operation**
- **Optimize adhesive use and improve pattern consistency**
- **Improve product quality and reduce scrap and wasted production time**
- **Enable production flexibility and reduce inventory with a wide variety of compatible nozzles**
- **Reduce raw material costs by using less adhesive and enabling use of thinner materials**

Specifications

Module Compatibility	Speed-Coat®
Module Speed	Up to 9,000 cycles per minute
Nozzle Compatibility	All Universal™ spray nozzles
Operating Temperature	125° to 204°C (257° to 400°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	3 to 54 grams per minute
Actuation Air Pressure ¹	5 to 6 bar (73 to 88 psi) recommended
Maximum Process Air Flow (per 25 mm pattern)	1.0 scfm @ 191°C (375°F) 1.5 scfm @ 177°C (350°F)
TruFlow Device Displacement	0.93 cc/revolution
Viscosity Range	500 to 25,000 centipoise

¹Oil-free air must be used.

Dimensions (in mm)



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

United States

Duluth, Georgia
(800) 683-2314 **Phone**
(866) 667-3329 **Fax**

Europe

Lüneburg, Germany
(49) 4131-894-0 **Phone**
(49) 4131-894-149 **Fax**

Japan

Tokyo, Japan
(81) 3-5762-2700 **Phone**
(81) 3-5762-2701 **Fax**

Asia/Australia/ Latin America

Amherst, Ohio
(440) 985-4496 **Phone**
(440) 985-1096 **Fax**

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