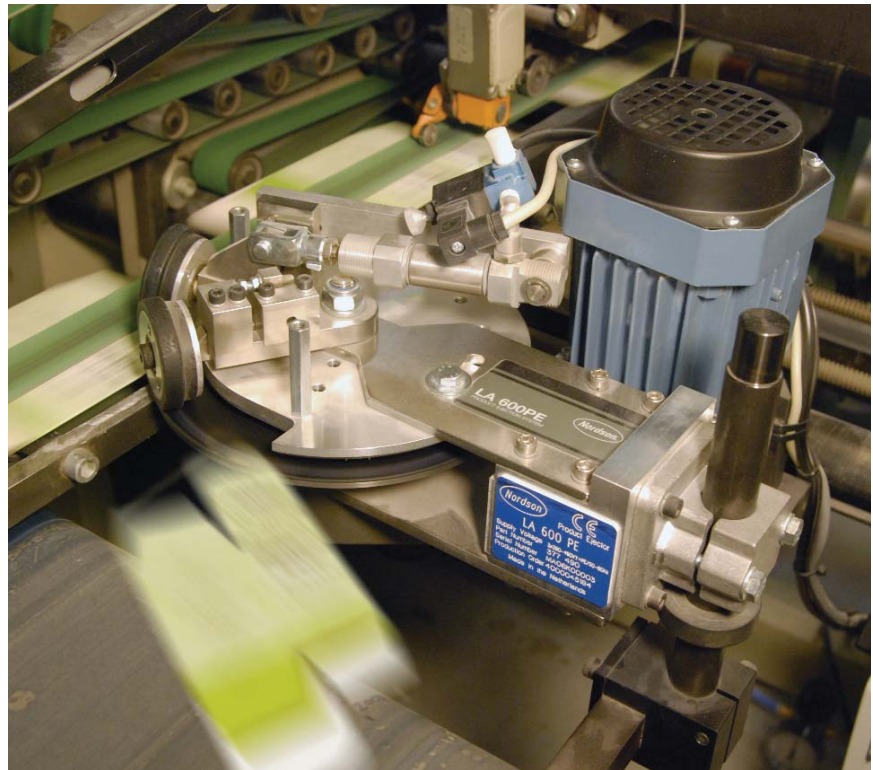


LA 600 PE Product Ejection System

Nordson

Rotary ejector in conjunction with Nordson® detection system helps improve product quality.



The LA 600 PE rotary ejector is a component of a Nordson adhesive detection system for folding carton manufacture. Use of the LA 600 PE ejector means only properly glued products remain on the production line.

After a product is glued, the system verifies if the liquid or hot melt adhesive was correctly applied. If misapplication is detected, the detection system triggers the ejector to eject the product from the production line.

The ejector is installed in the transport section of a folder gluer machine just in front of the compression section.

The LA 600 PE ejector has a clamp wheel, a guide wheel and a transport disk. When the ejector receives a signal to eject a product, the clamp wheel is lowered to push the product against the transport disk. The product is clamped and fed to the guide wheel through the rotation of the transport disk. The guide wheel ejects the product from the production line. Finally, the clamp wheel is pivoted back to its home position.

Features

- Flexible mounting capabilities due to convertible assembly
- Extremely robust design
- Powerful air valves provide safe clamping of the product in the rubber-lined disk
- Ejects folding boxes of variable sizes from approximately 70 to 500 mm (2.76 to 19.68 in.) depending on the application
- Fast ejection of boxes in sequence
- Capable of ejecting 40 products per minute at a line speed of 500 meters per minute (1640 ft/min) with five products per meter (1.5 products/ft)

LA 600 PE Product Ejection System

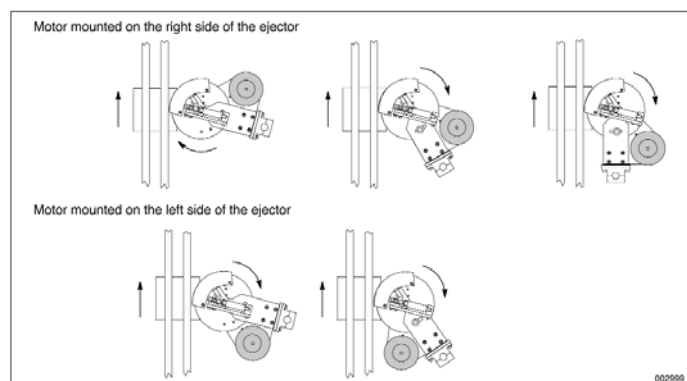
Specifications

Gun Outputs	20 ms (average value)
Disk Speed*	611 m/min (2005 ft/min) with 60 Hz motor 505 m/min (1658 ft/min) with 50 Hz motor
Motor Type	3-phase AC, synchronous
Motor Voltage Supply	220-240 / 380-420 VAC, 50 Hz, 0.10 kW 420-480 / 250-280 VAC, 60 Hz, 0.22 kW

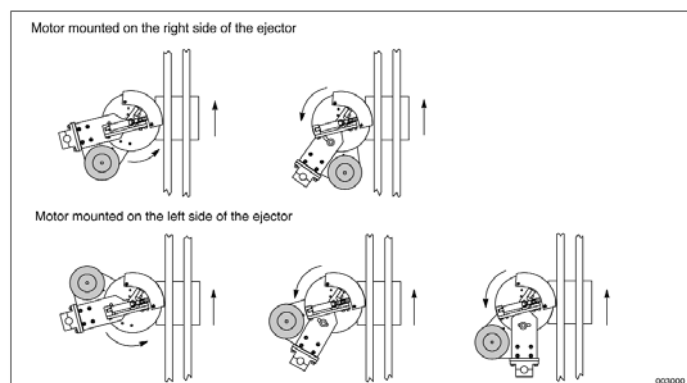
Motor Speed	60 Hz motor: 1650 min ⁻¹ (rpm) 50 Hz motor: 1380 min ⁻¹ (rpm)
Solenoid Valve Type	3-way, direct
Solenoid Voltage Supply	24 VDC, 12.7 W
Operating Air Pressure	Minimum 2.0 bar (29 psi), unooled air
Weight	20 kg (44 lb)

* measured in the middle of the clamp wheel

Mounting Positions

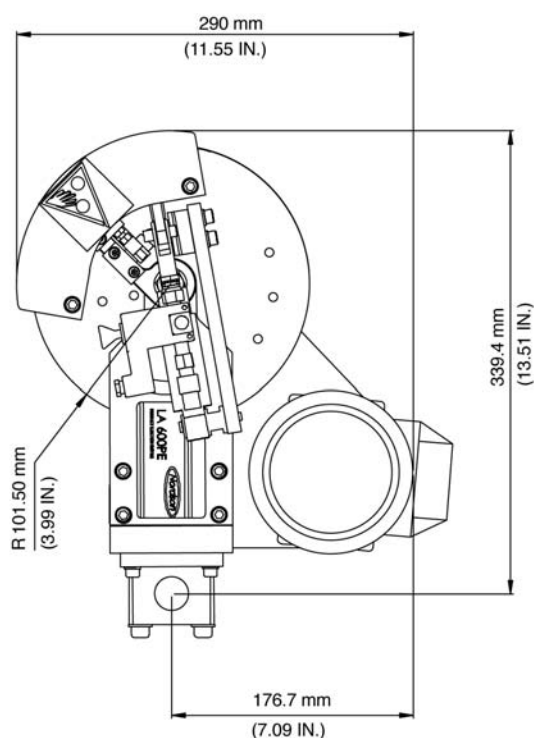


Installation of ejector on right-hand side of production line carrier belt



Installation of ejector on left-hand side of production line carrier belt

Dimensions



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

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