

Model A11A Can End-Lining Gun

Nordson®

Automatic, electro-pneumatic gun for precise, efficient application of sealant compounds in high-speed can end-lining operations.

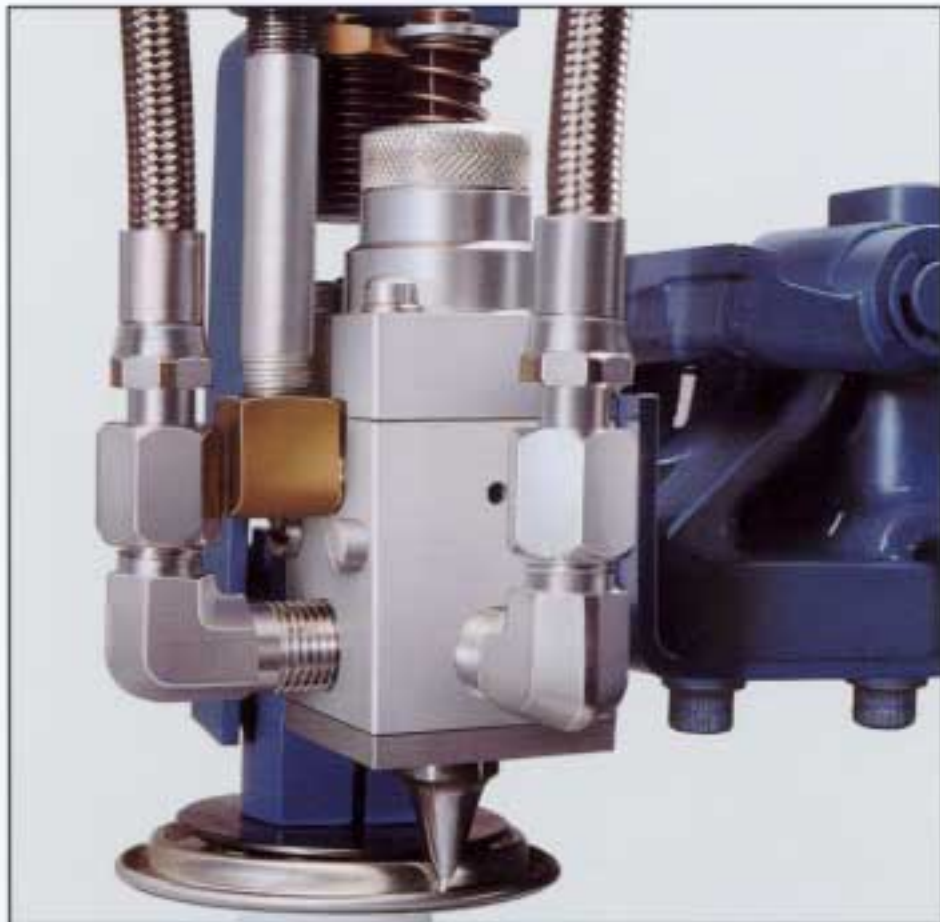
The Nordson® A11A Electro-Pneumatic Can End-Lining Gun is a high-speed gun designed for the application of sealant compounds to can ends. It features a "zero-cavity" needle and seat type nozzle for fast, clean cutoff of material, and a "detent adjust" control for the very fine adjustments required in this exacting operation. Providing more precise control of compound sealants for improved end-product quality, the A11A reduces many common problems associated with conventional mechanical methods including compound waste, tailing and machine downtime.

Air operated and electronically controlled, the A11A gun is fast and extremely accurate when used with a Nordson® solid-state timer control. The nozzle tip is designed for accurate placement of the compound material into the curl of the can end. The gun's positive placement control permits adjustment of the angle of the nozzle orifice to the curl 15 degrees on either side of the perpendicular.

Designed for high-speed container applications, the Nordson Can End-Lining System consists of the Model A11A Electro-Pneumatic Gun, FET-1 Timer, proximity sensor, proximity amplifier, and solenoid valve.

Reliable, Durable Performance

The A11A gun features a hardened stainless-steel nozzle and few



moving parts to provide the durability and reliability necessary for superior performance in the can end-lining operation.

Efficient Operation

Delivering sharp, clean cutoff by the zero-cavity nozzle, the Model A11A reduces tailing or residual extrusion and minimizes contamination in areas down line from the can end-lining operation.

Accurate Material Placement

The A11A gun provides more precise control of compound sealants for improved end-product quality. The nozzle tip is designed for accurate material placement into the curl of the can end. Positive placement control permits adjustment of the angle of the nozzle orifice to the

curl 15 degrees on either side of the perpendicular.

Precise Weight Control

Air operated and electronically controlled, the Model A11A precisely regulates deposition of the sealant compound within a close weight tolerance for improved material utilization.

Minimal Adjustments and Downtime

Used with the FET-1 Timer, the A11A is synchronized with the revolving can end for precise operation and minimal downtime. Adjustments for application weights and number of revolutions are easily made by adjusting the timer delay or duration.

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Features and Benefits

- **Accurate weight control** — electronic timing ensures more precise control of weight than mechanical guns. The A11A's "detent adjust" feature regulates deposition of sealant compound within a close weight tolerance.
- **Positive placement control** — nozzle tip is designed for accurate placement of compound material into the curl of the can end. The A11A permits adjustment of the angle of the nozzle orifice to the curl 15 degrees on either side of the perpendicular.
- **Minimal tailing** — zero-cavity nozzle minimizes tailing and reduces contamination in areas down line from the can end-lining operation.
- **Easy installation** — using an "L"-shaped mounting bracket, the A11A gun is easily attached to an existing arm assembly.

Specifications

Speed

500 cpm

Actuating Air (Operating Range)

50-100 psi (345-690 kPa)

Hydraulic Pressure

600 psi (4135 kPa) maximum

Fluid Temperature

150° F (66° C) maximum

Solenoid Requirements

24 VDC electro-pneumatic

Material Compatibility

Use with waterbased or solventbased compounds



Model A11A Gun

Direct Service Organization — Nordson offers a direct sales/service team dedicated to the container industry. Container group specialists can provide assistance in individualized equipment selection, system installation and start-up, and training for proper system operation and maintenance of all Nordson systems.

For more information — contact your Nordson Container Industry Representative through the Nordson Customer Service Center at **800-241-8777**, or call the Container Group in Amherst, Ohio at **216-988-9411**.



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