



LA 404 Pattern Control System

Pattern control system delivers easy installation and programming with application flexibility.



The distance-based LA 404 pattern control offers application flexibility and easy operation. With up to four channel capability and a choice of several different bead types, the control fits a broad range of high-end packaging or folding carton, envelope, and bag and sack manufacturing requirements.

In addition to quick connection cabling, the integrated gun driver board and tip sealing activators simplify installation. The multi-language, menu-driven operator interface with scrollable LCD display simplifies programming. A 50-program memory delivers quick, easy changeovers.

Four independent triggers allow broad pattern flexibility. An integrated driver controls up to eight cold glue electric guns or up to ten pneumatic guns.

The LA 404 control provides a number of bead choices including dot, stitch or modulated patterns. With four bead events per channel, the system delivers the flexibility to achieve a wide variety of gluing patterns.

Features

- **Highly accurate gun control** on four independent channels.
- **Selection of bead choices** meets a broad range of application requirements.
- **Quick-connect cables** give rapid, easy installation.
- **Fifty-program memory** allows rapid pattern changeover.
- **Four trigger inputs** provide application flexibility.
- **Programmable gun driver board settings** accommodate a wide range of compatible guns.
- **Run-up control** minimizes adhesive waste during start-up or shutdown.
- **Integrated tip seal system** helps prevent nozzle from drying out.

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Specifications

Maximum Line Speed	600 m/min (1969 ft/min)
Pattern Accuracy (@ max. line speed)¹	±1.0 mm (0.04 in.)
Program Memory	up to 50
Independent Channels	4
Maximum Gun Outputs	
Cold Glue Electric	8
Pneumatic ²	10
Independent Trigger Inputs	4
Input Voltage Requirement	90 to 132 VAC or 175 to 264 VAC
Encoders	1
Encoder Resolution³	0.001-20.0 pulses/mm
Pressure Curves	2 (2-point linear)

¹ 1 pulse/mm quadrature encoder; <±2 meters/sec² acceleration; 2 ms guns

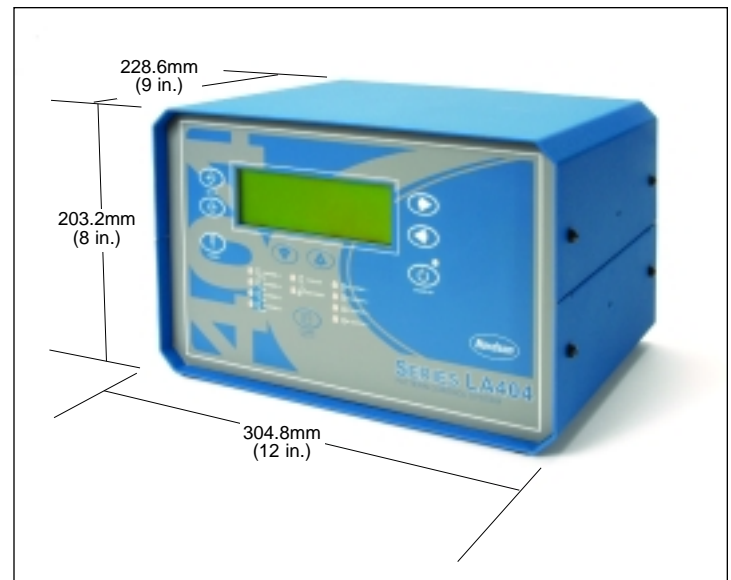
² 24V, 5.6 watts solenoid

³ 1-10 pulses/mm recommended for most applications



Quick connect cable connections permit easy installation.

Dimensions



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

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