

DY2002 Distance/Time-Based Pattern Controller

Used in conjunction with your hot melt adhesive applicator, the DY2002 from ITW Dynatec accurately controls glue output, reducing waste and improving output consistency. The pattern controller activates solenoids for up to two applicator heads to create individual adhesive patterns. Each of the two channels can operate in one of several distance or time-based modes: glue beads, dots, continuous gluing, random product length and stitching. The adhesive application can be triggered with a photo eye, proximity switch, or by exceeding a certain machine speed.

DY2002 Distance/Time-Based Pattern Controller:

- Numerous distance modes including standard, dot, random length and continuous with speed.
- Production counters for each trigger input and total job count.
- Capable of up to 80" of pattern length.

Performance

Trigger inputs for each channel allows user to accurately control each glue pattern.

Simplicity

Easily navigable user interface allows for simple setup and operation.

Flexibility

Distance-based, time-based and electric valve driver capabilities in a single control package.



DY2002 Distance/Time-Based Pattern Controller

The Dynatec *Difference*

Switch to Stitch and Save

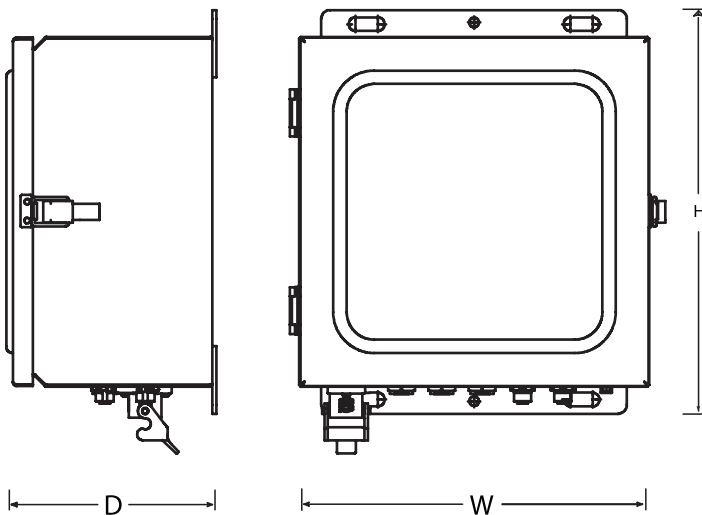
Replace a 6" continuous adhesive bead with a 6" skip pattern, and you cut adhesive consumption by up to 50%. It's simple, and the savings are certain. The DY2002 also goes the extra mile with a built-in algorithm that always ends an event with

glue when using a stitch pattern so the edge is never "skipped". Make the switch today and see the savings for yourself!

Specifications	DY2002
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	0°C to 50°C (32°F to 122°F)
Number of Channels	2
Number of Programs	12
Number of Events per Program	4
Output Voltage	24VDC nominal
Output Wattage	20 watts per channel
Number of Triggers	2
Trigger Power Supply	24VDC nominal
Trigger Input Signal	NPN/PNP or contact closure
Maximum Adjustable Range	0-800 mm (80") 1 mm increments (.01" in increments)
Power Supply	120, 200 or 240VAC 50/60 Hz, L1/N/PE
Input Power	120 watts



Dimensions	DY2002
Height (H)	30 cm (11.82 in)
Depth (D)	15.3 cm (6.02 in)
Width (W)	25.8 cm (10.18 in)



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