

Straub WL-30 Heat Bond Tape Laminator

WL-30 Heat Bond Tape Laminator

Overview

The Heat Bond Laminator is designed to apply 3M Brand Heat Activated Tapes to continuous profile extrusions for the industrial, consumer and automotive OEM markets.

The tape is unwound and guided over a cooled lamination wheel onto the extrusion. The air cylinder loaded lamination wheel compensates for variations in profile thickness.

Hot air is blown onto the heat activated adhesive and product immediately before it is laminated onto the product by a thermostatically controlled hot air torch. The product conveyor pulls the extrusion into the laminating wheel.

The WL-30 Machine can be adapted to run a wide variety of extrusion profiles. The WL-30 has two tape roll holding spindles but can be setup with powered unwinds for level wound tape.

SPECIFICATIONS

- Tape: 3M Brand Acrylic Foam heat bond activated and pressure sensitive tape
- Tape Width: Min: 0.20" (5mm); Max: 1.00" (25.4mm) or wider on special apps.
- Tape Roll Size: Max 18.0" OD
- Tape Lengths Dispensed: Continuous Lamination



WL-30 Heat Bond Tape Laminator

MACHINE & POWER SPECIFICATION

Electrical:	220V, 1Ph, 50/60 Hz, 30A
Air:	80 psi (550 kPa) 350 SCFM (2.8 liters/sec.) volume, 3/8" air line min.
Cooling water:	Tap water supply and return drain
Size:	88" wide x 38" high x 37" deep
Weight:	600 lbs uncrated, 800 lbs crated
Speed:	Adjustable up to 100 ft/min, dependent upon the rubber composition and profile

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WL-30/SD-400 Heat Bond Tape Laminator

Overview

The WL-30/SD-400 Heat Bond Tape Laminator is designed to apply 3M™ Brand Heat-Activated Tapes to constant profile extrusions for the industrial, consumer and automotive OEM markets.

The level wound powered tape unwind provides for use of long yardage level wound rolls of tape. The powered liner rewind automatically removes and rewinds the secondary tape liner.

The tape is unwound and guided over a cooled laminating wheel onto the extrusion. The air cylinder loaded pressure wheel adapts for variations in profile thickness.

Hot air is blown onto the heat-activated adhesive immediately before it is laminated onto the product by a thermostatically controlled hot air torch. The product conveyor carries the extrusion into the laminating wheel. The WL-30/SD-400 Heat Bond Tape Applicator can be adapted to run a wide variety of extrusion profiles and can be furnished as a standalone machine or integrated into a fully automated line.

SPECIFICATIONS

- Tape: 3M Brand Acrylic Foam heat-activated tape
- Tape Width: Min. - 0.197", Max. - 0.630"
- Tape Lengths Dispensed: Continuous Lamination
- Weight: 900 lbs. uncrated, 1,050 lbs. crated
- CE Approved.



WL-30/SD-400 Heat Bond Tape Laminator

MACHINE & POWER SPECIFICATION

Electrical:	220V, 1Ph, 50/60 Hz, 30A
Air:	80 psi (550 kPa) 350 SCFM (2.8 liters/sec.) volume, 3/8" air line min.
Cooling water:	Tap water supply and return drain
Size:	51" wide x 70" high x 45" deep
Speed:	Adjustable up to 100' per minute (30.5 m/min), dependent upon the rubber composition and profile. Average run speed is approximately 30' per minute

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OPTIONS

- Powered unwinds for level wound tape
- Dual Torches
- Tape pre-stripper and stretch laminator
- Adjustable product guides

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