

Description

The T-627 Tape Applicator is designed to apply a wide variety of pressure sensitive tapes to flat surfaces. Tape strips can be applied continuously or short strips with gaps can be applied to each product as required. This tape applicator can be mounted over a moving product, conveyor or used on custom designed taping equipment moving the tape head across the product.

Specifications

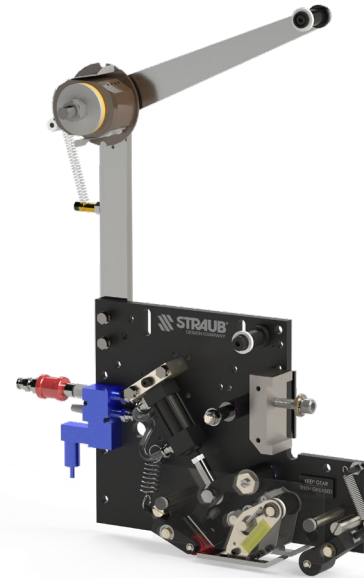
- CE Approved
- 24v DC, 2A or 120 VAC, 1A, 50/60Hz
- Air: 60 PSIG (4.1 bar gauge) 0.4 SCFM (11.2 liters/min)
- Tape roll diameter: 18" (452.7mm) on a 3" (76.2mm) diameter core
- Minimum center-to-center distance between two strips of tape:
T-627-1 – 2½" (63.5mm), T-627-2 – 3½" (90mm)
- Weight: T-627-1 – 13 lbs. (5.9 kg)
T-627-2 – 16 lbs. (7.3 kg)
- Minimum Tape Placement from Product Leading Edge: 0.125" (3mm)
- Tape End Tolerance: ± 0.09" (2.3mm)
- Minimum Tape Length: 1" @ 100 fpm
- Maximum application speed: 250' per minute

Accuracy and speed are dependent on product, tape and material handling.

The product to be taped must be firmly driven under the taping applicator at all times to pull the tape from the applicator. Alternatively, the product to be taped must be firmly secured while the taping applicator is driven over the product.

For optimum performance on non-rigid products, it is recommended that the sum of the tape strip length and inset length be greater than 2" (50 mm).

Tape cutoff: Tape cut-off creates a serrated edge on the tape end. The tape gripper will leave some marks approximately ½" in from the leading edge of the tape.



T-627-1 RH Flat Surface Tape Applicator Shown

Options

- T-627-1 for ¼" (6mm) to 1" (25mm) wide tape and T-627-2 for ¾" (20mm) to 2" (50mm) wide tape
- Can be supplied Right Hand or Left Hand
- A powered pre-stripper to pull the tape from the roll minimizing the force on the product
- Edge folding device
- Liner rewind for double coated tapes
- Control systems to operate applicators
- Tape low and tape fail sensors
- Control system with tape low switches to toggle between two heads when the tape roll runs low

Straub Design Company is a leading supplier of industrial automation equipment for tape application and material handling. With 50 years of engineering experience, we deliver solutions from simple manual assist systems to fully custom automation.

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