

Upgrade Kits for Improved Label Handling Trine Roll-Fed Labelers

Accraply offers several upgrade kits to improve the performance, durability, and productivity of Trine roll-fed labelers. Below are some upgrade kits to improve handling of roll-fed labels on your Trine labeler.



Servo Label Registration System

This upgrade compensates for registration eye marks outside label supplier specification (due to tolerances in printing cylinders, die plates and/or material stretching).

This Servo upgrade compensates for the variation from eye mark to eye mark by looking at the last 10 labels and using the average length to determine cut length. The resulting cut length is +/- 1/32 of an inch.

The upgrade replaces the feed roller encoder and AC drive motor, and requires only one size feed roller for all change parts used on the labeler.



This upgrade can be added to any PLC or relay logic Trine labeler. It incorporates its own electrical control box that houses the power supply, motion controller, and Servo drive. For PLC-based labelers, a software upgrade is required to interface with the main labeler touchscreen. For relay logic-based labelers, the upgrade also includes an enclosure housing a separate touchscreen.

Benefits:

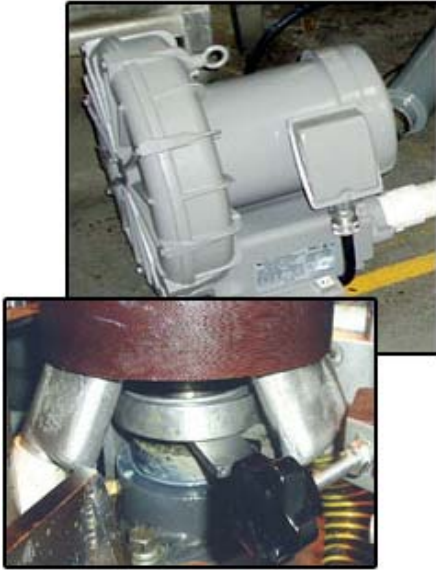
- Reduces downtime by preventing short labels from getting glue on the vacuum drum or long labels from being misapplied.
- Reduces scrap by enabling the use of out-of-specification label rolls.



Barry-Wehmiller

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Dual Vacuum System



This upgrade provides more precise label control when operating above 300 cpm or with narrow labels (less than 2 inches wide). Included is:

1. A second vacuum pump increases capacity.
2. A dual-chambered valve splits vacuum on the vacuum drum, and independently controls vacuum at the cutter/vacuum drum area and glue application area.

Benefits:

- Improved label control minimizes product rejects and reduces line stoppages.
- Combined with Servo Label Registration upgrade (for label length control), provides superior label application at all speeds.

Powered Unwind System



This upgrade provides gentler handling of narrow (< 2 inches), thin (< 35 micron), or easier-to-tear (monolayer film) labels, as well as other labels being applied above 400 cpm.

This upgrade incorporates a motor-driven feedback system which powers the label roll chuck to match the speed required by the labeler. It is a separate, integral unit mounted on a vertical roll stand (sold separately).

Benefits:

- Smoother acceleration and deceleration maintains label registration.
- Active system reduces label stretch, minimizes downtime caused by roll breaks.

Trine roll-fed labelers are an industry standard, with over 2,000 systems sold in over 30 countries labeling the world's most popular beverage, food and consumer products. During the last 25 years, Trine labelers have demonstrated their versatility and generated ongoing cost-savings and efficiency improvements to customers worldwide.

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