

# AF-40 Potato Wrapper

**EMERALD**  
AUTOMATION



The **AF-40 Potato Wrapper** uses our unique patented belt design to wrap potatoes in aluminum foil at a rate of 40 per minute. This one-of-a-kind machine uses rolls of foil rather than individual sheets. Product is brought in via a servo-operated roller in-feed and dropped softly into catch gates. A photo electric eye triggers the servo-driven plunger to gently drive the product through the pre-cut foil and into the wrapping belts. The wrapped product is deposited onto the discharge conveyor.

The engineering team at **Emerald Automation** solved a complex problem by designing a machine with the ability to wrap fresh produce using our unique belt design. The **AF-40** was designed and manufactured by a team of engineers and technicians with over 100 years of combined machinery experience. **Emerald Automation** integrates a diverse yet practical approach to machinery design to provide rugged construction complemented with state-of-the-art technologies.

**509.783.1369**  
**[www.emeraldautomation.com](http://www.emeraldautomation.com)**

## FEATURES

- Uses rolls of foil vs. sheets
- Up to 40 wrapped products /minute
- Capable of wrapping products with variable dimensions
- Servo foil feed, knife plunger, and product in-feed
- Easy maintenance
- Ethernet communications
- Easy to operate with 'On-Board' help screens
- Open frame design for ease of inspection, maintenance and cleaning
- "No Tools" change over feature
- Frame mounted emergency-start/stop-station

## CONSTRUCTION

- Heavy duty frame & manufactured parts
- Powder coat finish
- Stainless steel package available
- Allen Bradley controls standard
- UL & ULC 508 listed
- Quick-disconnect field devices
- Easy access lexan guarding
- Designed to meet current machine safety standards

## Emerald Automation

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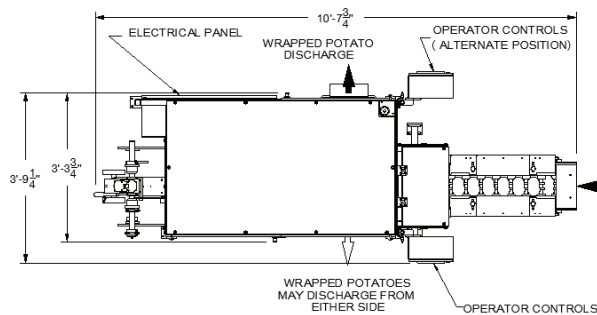
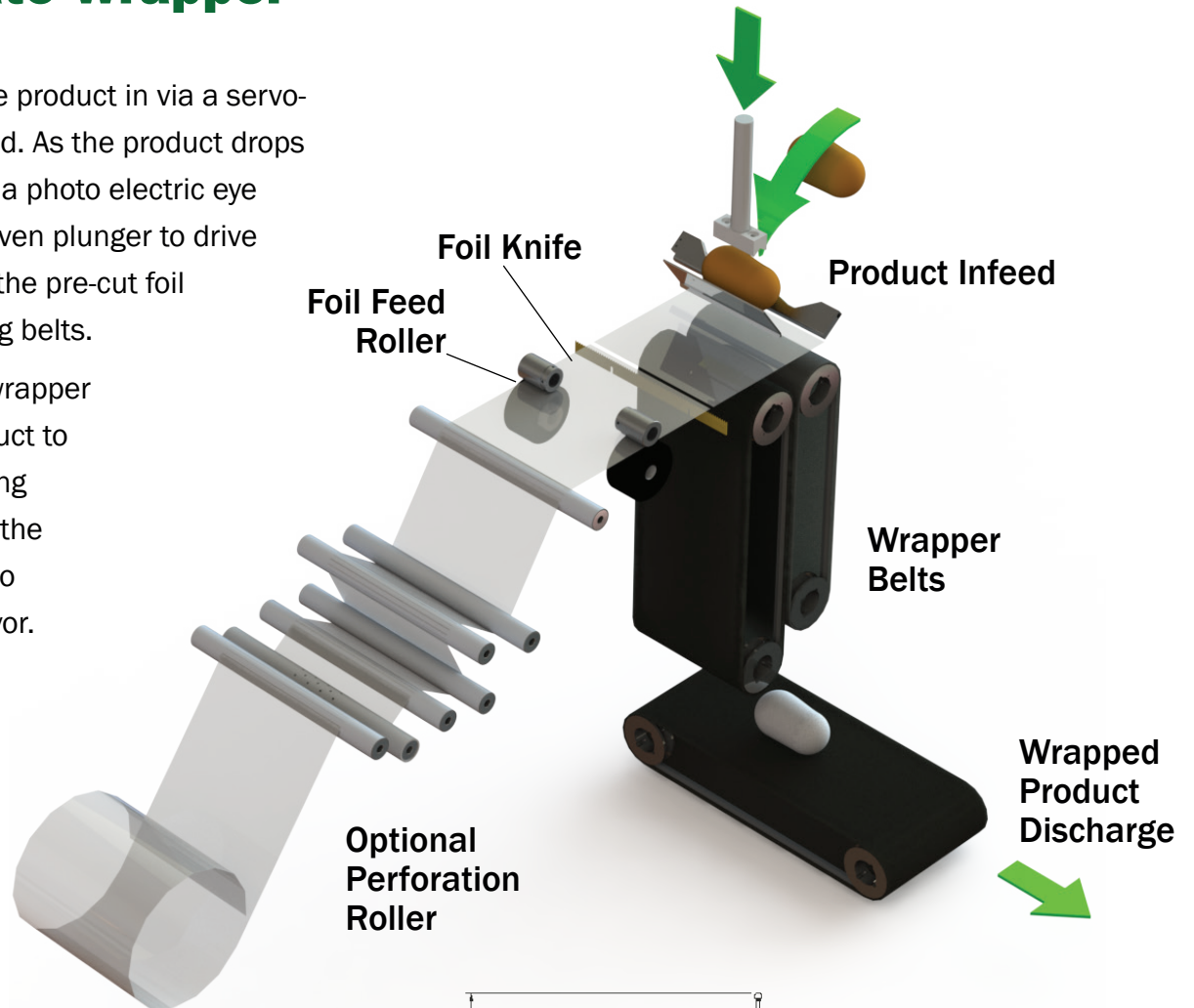
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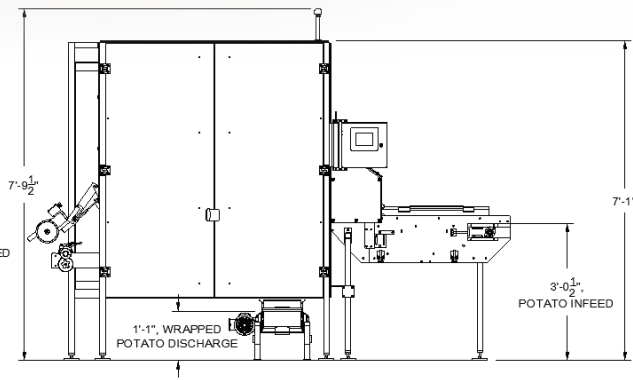
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The **AF-40** brings the product in via a servo-operated roller in-feed. As the product drops into the catch gates, a photo electric eye triggers the servo-driven plunger to drive the product through the pre-cut foil and into the wrapping belts.

The variable speed wrapper belts rotate the product to complete the wrapping process and deposit the wrapped product onto the discharge conveyor.



TOP VIEW



SIDE VIEW

## MISSION STATEMENT

Emerald Automation aspires to provide uncompromised products for today's most demanding packaging and automation applications for local, domestic, and international manufacturers and processors. We have an unrivaled approach to turning concepts into innovative solutions – whether it is for an entire system, a single machine or just a bottleneck in the production line. We deliver exceptional results by using simple, efficient, and cost effective methods that are client focused.

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