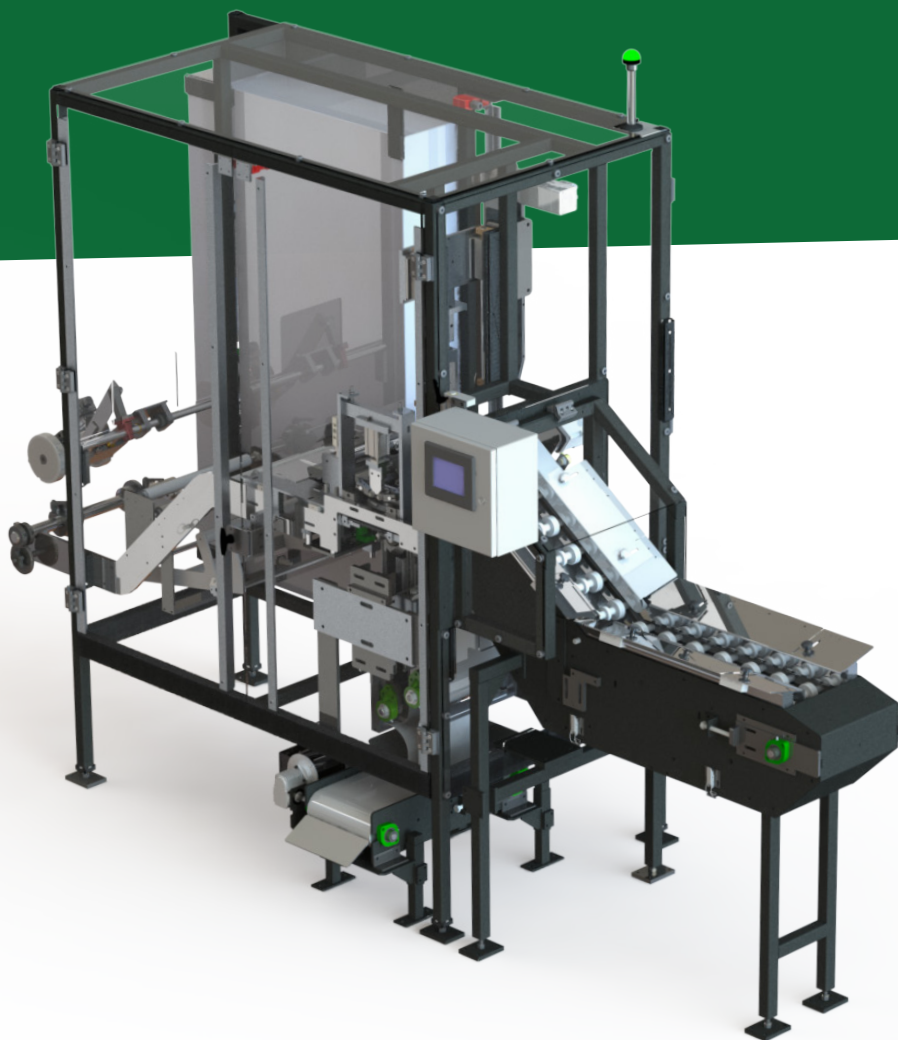


AF-40 Potato Wrapper

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

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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

CONSTRUCTION

- Heavy Duty Frame w/ Manufactured Parts
- Powder Coat Finish
- Stainless Steel Package Available
- Allen Bradley Controls Standard
- UL & ULC 508 Listing
- Quick-Disconnected Field Devices
- Easy Access Lexan Guarding
- Designed to meet current machine safety standards

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9228 West Clearwater Drive
Kennewick, WA 99336

Phone:

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Email:

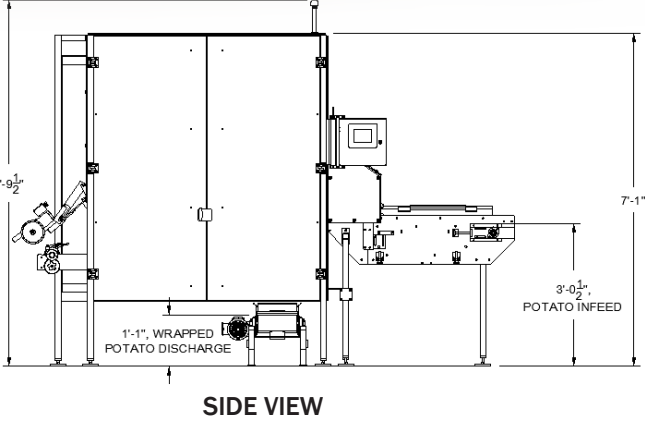
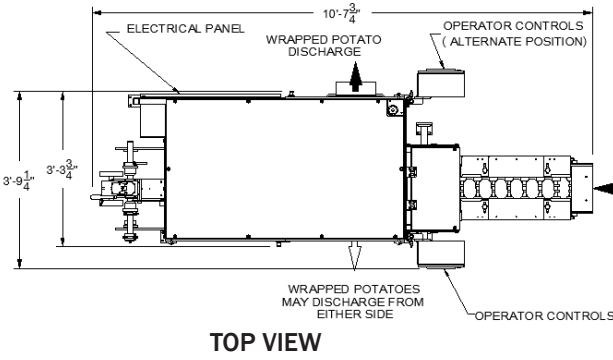
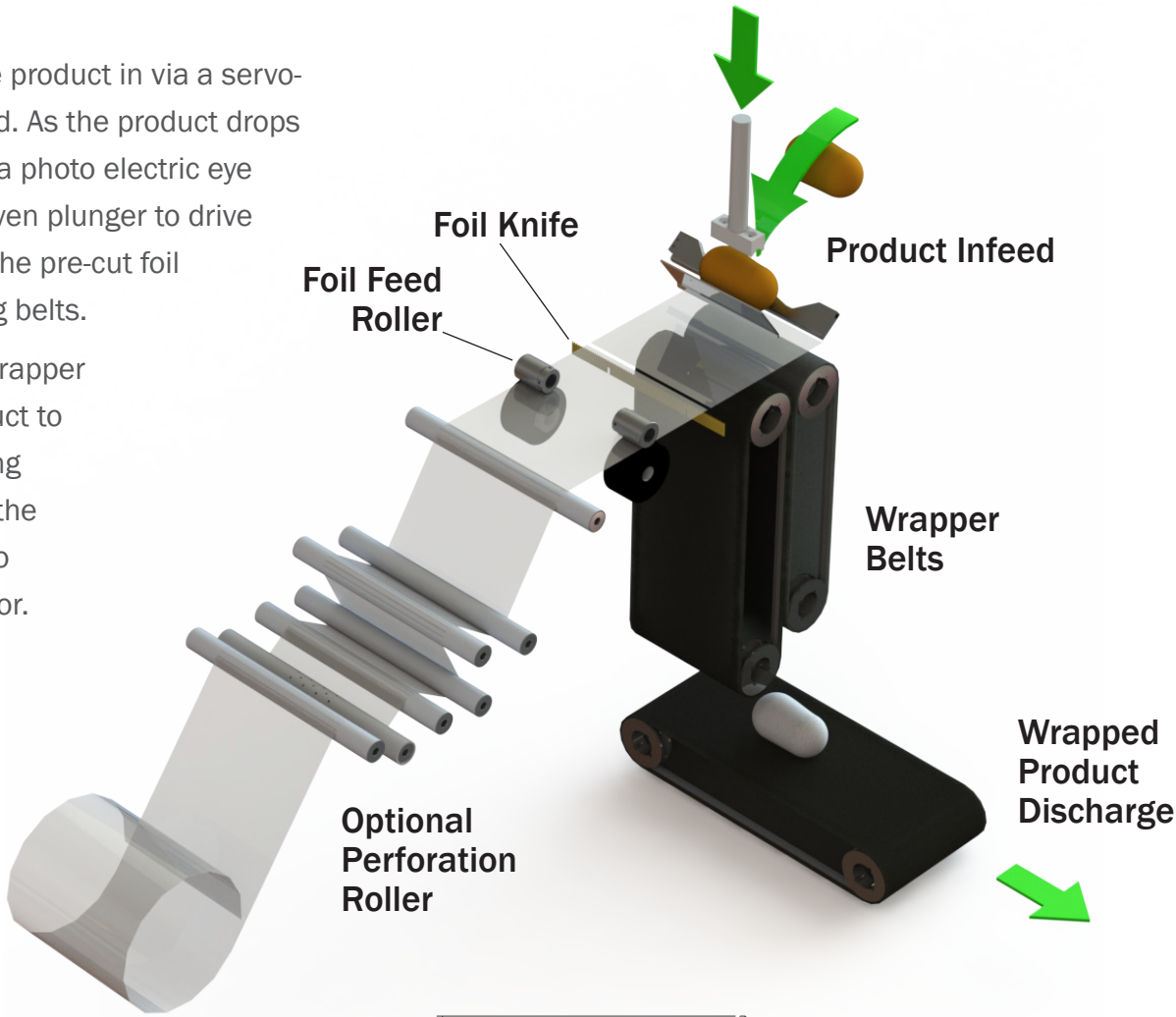
sales@emeraldautomation.com

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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.



BRIEF HISTORY

Over 100 years of combined packaging and machinery experience has lent **Emerald Automation** the ability and know-how to merge the proven designs of yesterday and modern technology into products specifically designed for today's demanding packaging applications. **Emerald Automation** has an unrivaled ability to visualize solutions and turn them into concepts—whether it be an entire system, a single machine or just a bottle neck in a production line.

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AF-40 Potato Wrapper - ROI Calculator

Substantial cost savings can be realized by automating your packaging process. The calculations below are taken from industry averages, but can be modified to fit your specific application.

Labor Cost / Hour		\$	10
Medical Benefits	Yes		
401K	Yes		
Vacation	Yes		
Sick Pay	Yes		
L&I		\$	0.55
Social Security	6.20%	\$	0.62
Medicare	1.45%	\$	0.15
Fed Unemployment	1.45% (on first \$7,000 gross pay)	\$	0.027
State Unemployment	1.70%	\$	0.17
Actual Labor Cost / Hour / Per Employee		\$	15.21
Number of Employees			3
Total Labor Savings / Year		\$	94,922.88
Individual Sheets Cost			
Foil Sheets 9 x 10 3/4			
Cost / Sheet			\$0.03
Number of Sheets Used			1,000,000.00
Current Foil Cost / Year — Using Sheets		\$	30,000.00
Roll Sheets Cost			
Standard Gauge Foil .0005 x 10 1/2 x 6561 ft			
Length / Cut (Inchs)			10.50
Sheets / Roll			6,561
Number Rolls Required			152.42
Price / Pound - Roll Stock		\$	3.70
Forecast Foil Cost / Year — Using Rolls		\$	28,196.92
Total Cost Savings for Foil Purchased by Roll		\$	(1,803.08)
*Does not include possible Shipping Charges			
TOTAL PROJECT SAVINGS / YEAR		\$	96,725.96

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