



Professional Packaging Systems

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Rose Forgrove Minerva Fin Seal Flow Wrapper



At a Glance

- Hygienic and easy-to-clean design
- No product - no bag feature minimizes film waste
- Icon-based operator interface with real time diagnostics
- Multi-axis drive technology with 4 independent servo drive systems for product infeed, longitudinal sealing rollers, film feed, and rotary sealing head

Pricing

Call us at 888-318-0083

Many options are available. Complete details will need to be finalized to determine requirements and final system costs. Work with your Pro Pac representative to build this machine to your specifications.

Versatility in Flow Wrapping

The Rose Forgrove Minerva horizontal flow wrapper is designed for wrapping a large variety of food and non-food products with high speeds and options for complete automation. The Minerva distinguishes itself through innovating engineering that focuses on delivering exceptional performance in challenging environments. PLC controlled, this horizontal rotary form fill seal machine has four independent motors and rotary sealing jaws for exceptional performance.

Features of the Minerva

- Hygienic and easy-to-clean design suitable for a wide range of challenging industries
- Sloped tops and rounded legs minimize debris build up
- Versatility throughout a wide range of packaging applications
- Icon-based operator interface with real time diagnostics
- Straightforward and intuitive set up features for fast, repeatable changeovers
- No product - no bag feature minimizes film waste
- Misplaced product detect
- Reel-low / run-out with beacon alarm
- Easy film thread system for a quick change-over and reel replacement
- Adjustable or fixed folding box
- Options of standard chain infeed or range of multi-belt feeders

Dependable and Flexible Machine Design

Solid mechanical construction with special attention to aspects of hygiene (GMP), ease of cleaning and

maintenance

Right hand machine available (product flow from left to right)

Stainless steel construction and painted versions available

Single reel: 25.5" (650mm) reel width / 13.75" (350mm) max reel diameter / 3" (76mm) reel core

Adjustable and fixed folding boxes available

Film fed from the top or bottom of the machine

All product contact parts are stainless steel or food grade plastic

User-Friendly Controls

Control system with industry standard Allen Bradley PLC

Operator interface with 10" TFT color touch screen 10"

Multi-axis drive technology with 4 independent servo drive systems for product infeed, longitudinal sealing rollers, film feed and rotary sealing head

No-product / no-bag system

Misplaced product detect

Individual temperature control circuits for the 2 set of heated longitudinal sealing rollers

Independent temperature control on the sealing jaws integrated into control panel

Automated product size change with all program parameters saved in product data base, holding parameters for up to 99 percent products

6 x user defined electronic cam outputs for peripheral devices available

Service mode for diagnostics, trouble shooting and basic machine configuration, different level (user configurable) password-protection

Additional user-defined password level for limiting/ excluding access to selected machine functions, setting changes and sensitive data

Package Range

Product Length: 1.96" to 19.68" (50mm to 500mm)

Product Width: 0.787" to 11.81" (20mm to 300mm)

Product Height: Up to 4.72" (120mm)

Packaging Speed

Up to 100ppm with single jaw, 200ppm with twin jaws (depending on film and product)

Power and Air Requirements

Power Supply: 480V, Three Phase, 60 Hz

Air Supply: 6 bar

Please [contact Pro Pac](#) or call 888-318-0083 for your fin seal flow wrapping equipment.