

# Rose Forgrove Minerva Flow Wrapper



## Features

- 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
- 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

# Rose Forgrove Minerva Flow Wrapper

## Versatility in Flow Wrapping

The Rose Forgrove Minerva is a horizontal flow wrapper packaging machine suitable for wrapping a large variety of food and non-food products with high speed capabilities and pre-arrangement for complete automation. The Rose Forgrove Minerva distinguishes itself through innovating engineering that focuses on delivering exceptional performance in challenging environments. It is a PLC controlled horizontal rotary form fill seal machine with five (5) independent motors and rotary sealing jaws.

## Dependable and Flexible Machine Design

- Solid mechanical construction with special attention to aspects of Hygiene (GMP), ease of Cleaning & Maintenance and Operator Ergonomics
- Right and left hand machines available (right hand: product flows from left to right)
- Machine finish in Stainless Steel or Mild Steel Painted
- Single reel 650mm reel width / 350mm max reel diameter / 76mm diameter core
- Film fed from the top or bottom of the machine
- All parts in contact with products are stainless steel and food grade plastic

## User-friendly Controls

- Control system with industry standard Allen Bradley PLC
- Operator Interface with TFT color touch screen 10"
- Multi-axis drive technology with 5 independent axis for product infeed, longitudinal sealing rollers, film feed, rotary sealing head and discharge belt
- 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 different 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) of password-protection
- Additional user-defined password level for limiting / excluding access to selected machine functions, setting changes and sensitive data

## Production Rate

Mechanical speed range up to 500 ppm with multiple jaws setup (film & product pending)

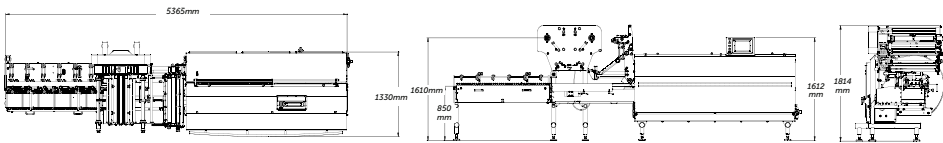
## Package Range

Length: 50-500mm      Width: 20-300mm      Height: up to 120mm

## Power/Air Requirements

Power Supply:    Europe: 380/420V 50 Hz, Three Phase + Neutral  
                          USA:     440/480V 60 Hz, Two Phase + Neutral

Air Supply: 6 bar



Icon-based operator interface with intuitive set-up features



Suitable for wrapping a large variety of food and non-food products

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Hayssen | Rose Forgrove | Sandiacre | Schib | Simionato | Streamfeeder | Symach | Thiele

BW Flexible Systems is a global manufacturer of packaging systems that fill and bag thousands of food and non-food products. Our packaging systems are designed and manufactured to maximize the efficiency and lifetime value of our customers' packaging lines. Our range of machinery includes form-fill-seal, feeding, bag filling and sealing, pouch-making equipment, flow-wrap, reclosable packaging solutions, palletizing, stretch-wrapping and more.

For more information, go to [bwflexiblesystems.com](http://bwflexiblesystems.com)

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