

# CM Verus - Continuous Motion Bagger



## Continuous Motion Vertical Form-Fill-Seal Bagger

The CM Verus is a modern vertical packaging machine that offers the traditional proven performance, quality and robustness of the Hayssen, Sandiacre and Simionato brands with high speed, continuous motion reliability. Its overall design specifically takes into account the hygienic and sanitary requirements of wet environments.

### Features

- Ergonomic and easy to operate, intuitive HMI with on-screen assistance
- Easy to changeover – tool-less format changes, easy film threading, recipe driven settings, powered actuators
- Class-leading connectivity - remote support, integration with associated production equipment and systems
- Rugged design, minimal parts, proven sealing technologies
- Hygienic features - sloping electrical cabinet, minimal pooling areas, all modules on stand-offs
- AB 9" PanelView Plus Colour Touch Screen HMI.
- AB CompactLogix PLC control system with AB servo drives and access restriction feature
- Easy to clean – closed module design, IP65 wash-down, minimized machine height
- Easy to maintain - simple modular design, grouped greasing points, internal lighting
- Max Flat Bag Width of 400 mm (no bag length limit)

# CM Verus

## High Performance

The Continuous Motion Verus builds on BW Flexible Systems' proven technology to provide solid, reliable performance, while pulling together our most high performing Vertical Form, Fill, Seal (VFFS) components; providing the ease of use, strong hygienic design, and improved film threading expected from our packaging machines. The ergonomic design and HMI features will help operators complete faster changeovers between different packaging formats, product SKUs, or materials. Plus, the CM Verus can seal all film structures while offering a wide variety of bag formats. The CM Verus bagger, with a multitude of features and options, is one of the most versatile, efficient, and competitive continuous motion vertical form fill seal machines on the market.

**Power & Air Requirements:** 380-480 Vac, 3 Ph, 50/60 Hz 5.8 Bar -Clean, dry air

**Bag Width:** Max. Flat Bag Width: 400mm (No bag length limit)

## Machine Features

- Continuous Motion Servo Driven VFFS Machine
- Stainless Steel and Anodised Aluminium Construction
- Hygienic, Easy to Clean, IP65 Machine Module and Electrical Cabinet
- Simple Easy to Maintain Machine Design
- Acrylic Front Machine Guards and Elevator Tunnel Guard
- Max Flat Bag Width of 400 mm (and no bag length limit)
- Allen Bradley Compact Logix PLC and Kinetix 5500 Servo Control System
- Allen Bradley 9" PanelView Plus Colour Touch Screen HMI
- Servo-Driven, Reciprocating, Variable Vertical Stroke Cross Seal Jaws
- Stepper-Driven Vacuum Assisted Film Transport System
- Self-Centering Transport Belts for Faster Format Changes
- Single Side-Load Powered Reel Mandrel, to 600mm Reel / 76mm Reel Core dia.
- Reel Run-Out and Reel Low Alarm Features
- Manual Splicer with Film Tail Clamp and Easy Threading Features
- Powered Auto-tracking of Film
- IQF spec forming tube in 304 Stainless Steel
- Recipe Driven Automatic Vertical Sealer Positioning
- Rotary Heated Band and Crimp Pattern Heat-Seal Jaws for PP and Laminate Films
- Standard Fixed V Plates above Jaws to Protect Film from Product Damage
- Band Type Cushion Plates below Jaws to Remove Air from the Bag
- Provision for Printer / Coder, Electrical Signal Only
- Synchronisation for Labellers, Metal Detection, Printer & Feed Systems

## Available Options

- Allen Bradley 12" colour touch screen
- Polyethylene Sealing (Quali-Seal Heat or Impulse)
- Twin film reel unwind, side load and drop-in mandrels
- Bag support and bag tipper devices
- Product catcher/stager devices
- Gas Flushing
- Anti-Bridging Device
- Anti-Static System
- Hot Air Vertical Seal System and Impulse Welding Jaws for PE Films
- Film Perforation Unit to add Holes For Bag Deflation
- Stainless Steel Top Tray with Drain Hole/Pipe for Wet Environment
- Heated Punch for Euro hole or Carry Handle
- Tear Notch for easy opening
- Flat bottom bag base fin - seal folding devices
- Block bottom device
- Remote monitoring and tele-assistance / diagnostics package
- Integration with a variety of printers, labelers and other OEM devices



AB control cabinet – Sanitary Design



Quick release, drop-on, side loading, twin or tandem film reel air mandrel



Center driven spindle

## Regional Headquarters

Duncan | SC | 29334 USA  
t. +1 (864) 486 4000

Nottingham | NG9 1PF UNITED KINGDOM  
t. +44 (0) 115 967 8787

Mestrino (PD) | 35035 ITALY  
t. +39 049 9006511

Monte di Malo (VI) | 36030 ITALY  
t. +39 0445 602300

[bwflexiblesystems.com](http://bwflexiblesystems.com)

**HAYSSEN | ROSE FORGROVE | SANDIACRE | SCHIB | SIMIONATO | 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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barrywehmiller  
**bw**  
betterworld