



Professional Packaging Systems

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Bartelt MAG FSS Rollstock Pouching System



At a Glance

- Independently controlled double pouch clamps provide maximum flexibility
- Full-servo execution
- Designed for both simplex and duplex configurations
- Max speed 150 ppm

Buy your [film](#) from us, and get a discount on this Bartelt pouching system!

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.

Pouching System Designed Specifically for Single-Serve Markets

The Bartelt MAG FFS state-of-the-art horizontal form-fill-seal pouching machine integrates the latest magnetic linear technology.

This pouching system stands out for its flexibility, reliability and rapid changeover times. Maximum flexibility is provided by independently controlled double pouch clamps utilizing magnetic linear motion control.

This pouching machine is designed for both simplex and duplex configurations, with maximum speed of 150 ppm in duplex mode.

Features & Benefits

The Bartelt MAG Series FFS produces flexible pouches from roll stock

Optional integrated auto-splicer

Pouches are heat sealed using temperature controlled seal bars

Optional automatically adjustable side seal bars for quick size changeover

Registered pouches are cut and transferred into the dual clamping system for filling and closing via the knife/transfer system

Each pouch will remain with the pouch clamps throughout the entire process

A pouch detection system is used to ensure that pouches are in position for filling to minimize product loss

Pouches are opened utilizing the programmable pouch clamps and vacuum with air assist

Product is fed via a product filling system

Filled pouches are transferred to the top seal area where they are closed and sealed
The completed pouch is removed from the clamps and discharged to a discharge system
Modular design and multiple machine configurations, optimized for the application
Full-servo execution
Independently controlled pouch clamps utilizing magnetic linear motion control
Rapid changeover
Simplex or duplex configurations
Easy-to-use and operate
Flexibility to add multiple fill stations, fillers and other devices
Easy to upgrade
Superior seal quality and pouch handling

Standard

Stainless steel open frame design
Modular design
Servo controlled film unwind system
Film forming plow – servo controlled for recipe driven height adjustment
Automatic film edge alignment system
Servo controlled sealing system for reliable pouch sealing
Servo controlled feed-roll system
Independently controlled double pouch clamps utilizing magnetic linear motion control
Product fill stations, servo controlled pouch opening and closing system
No open pouch – no fill feature
Servo driven top seal assembly
Servo driven pouch discharge
Fixed product feed and product discharge locations—all other operational locations are adjustable
Rockwell motion control package
Rockwell color touch screen operating panel
Interlocking barrier guarding

Operation

The Bartelt K-Series pouching machine produces flexible pouches from roll stock
Flat sheet from roll stock is formed into either flat or gusset pouches in the forming section of the machine
Pouches are heat sealed using temperature-controlled seal bars
Preheat and/or cooling may be required based on film characteristics and machine speed
Film is advanced through the bag making section in photo-registration via the servo feed roll system
Registered pouches are cut and transferred into the dual clamping system for filling and closing via the knife/transfer system
A pouch detection system is used to ensure that pouches are in position for filling to minimize product loss
Pouches are opened with a servo controlled opening and closing system (pucker) and via vacuum with air assist
Product is fed with a product filling system
Filled pouches are transferred to the top seal area where they are closed and sealed
The completed pouch is removed from the clamps and discharged

Pouch Styles

- 3-side fin seal
- 4-side fin seal
- Gusset bottom
- DOY stand-up package
- Delta-Pac stand-up package

Options

- Right-hand or left-hand configurations
- IP69 for various food applications
- Hybrid execution with modular docking pre-made pouch feeding module
- Zipper opening
- Product settling devices
- Dust control and top seal cleaning
- Gas flushing
- Pouch stretching and deflating
- Ultrasonic sealing
- Bag clamp maintenance loop
- Integration of auxiliary equipment: Desiccant feeders, printer, vision system, labelers
- Integration of various product fillers: Volumetric cup filler; volumetric sliding gate filler, auger, vibratory rotary filler, scale, liquid pump, specialized feeding systems

Industries

- Snack products: nuts, trail mixes candies
- Cheese and other dairy products
- Frozen foods
- Dried meats and fruits, beef jerky, sausages
- Dry and wet pet food
- Liquids
- Granular products: Rice, beans, soup and meal mixes
- Free flowing powders: Coffee, spices, powdered drink mixes, sugar-based mixes, flour-based mixes, pharma powders, nutraceuticals
- Home and personal care products: Lotions, gels, detergent pods, adhesives, wet wipes and towelettes

Pouching Sizes and Speeds

Model	Min Dimensions	Max Dimensions	Max Gusset	Max Weight	Max PPM
FFS Simplex	5" x 5" / 127mm x 127mm	15" x 15" / 380mm x 380mm	5.9" / 150mm	6 lbs / 2.75kg	75
FFS Duplex	5" x 5" / 127mm x 127mm	10" x 15" / 250mm x 380mm	5.9" / 150mm	6 lbs / 2.75kg	150

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