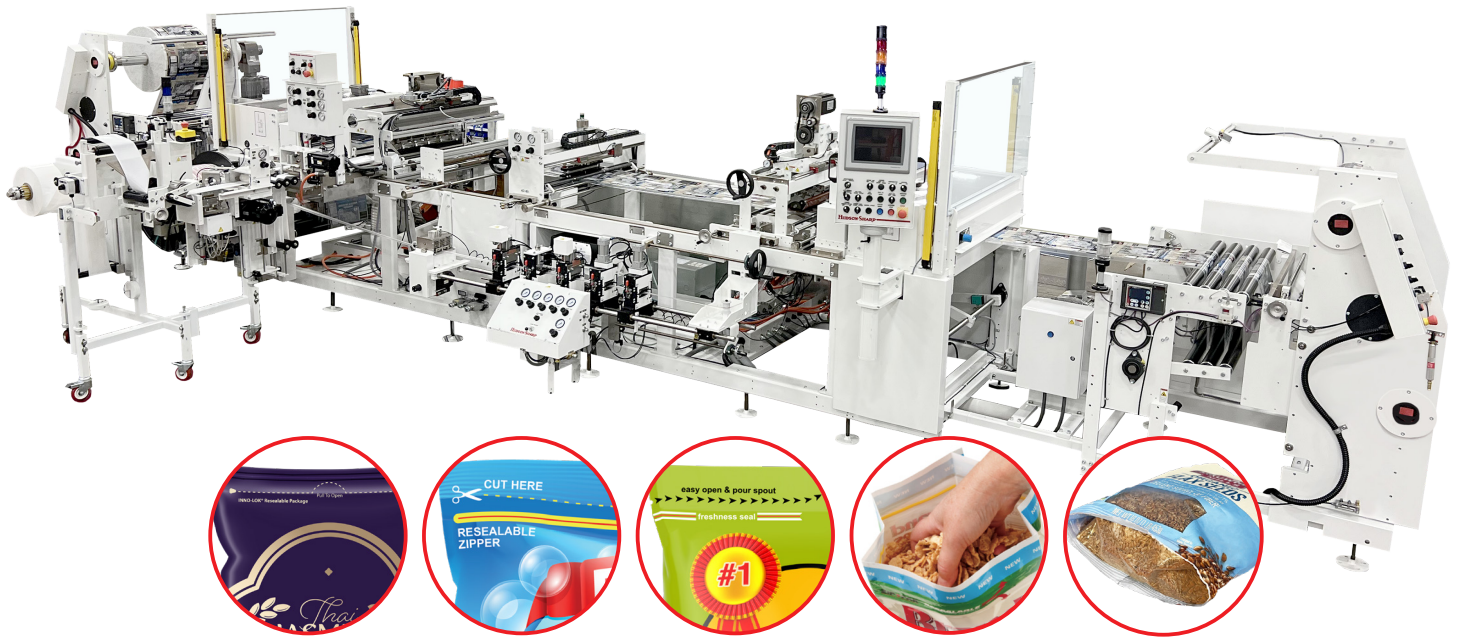


BW Converting

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bw
betterworld

Change for the better



INNO-LOK®

A trademark of Innoflex Incorporated

The quick, efficient, cost-effective way to add closures and bottom gussets to roll stock prior to filling

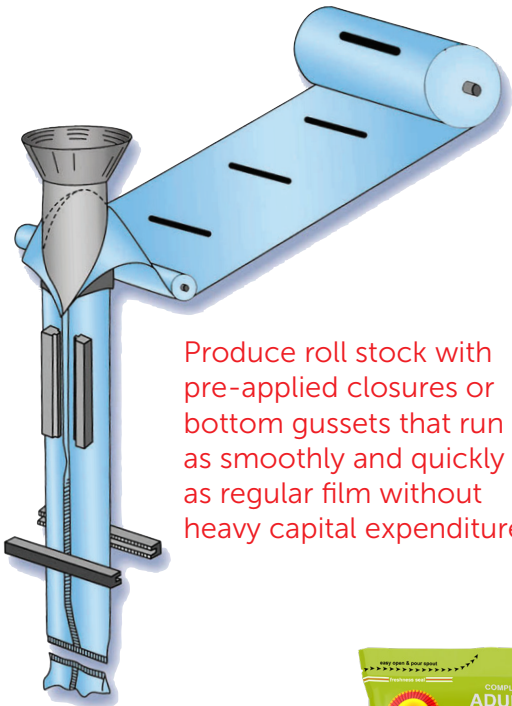
HUDSON-SHARP

INNO-LOK® closure solutions

Patented equipment and processes for pre-applied closures

With Hudson-Sharp equipment and patented INNO-LOK processes you can attach reclosable fasteners transversely to packaging films. The result is roll stock with pre-applied closures.

- Pre-applied closure roll stock is ideal for:
 - Vertical FFS gusseted and flat bottom applications
 - Horizontal FFS applications
 - Pillow pack FFS applications
 - Pre-made pouches
 - Barrier and non-barrier applications
- Requires 3-4 mm clearance between forming collar and fill tube to allow zipper to pass through
- Variety of closure options available including:
 - Front panel pull or thumb tab
 - Bag Top (traditional opposing wall closure)
 - Pour & Lok® reclosable pour spout
 - ZIP360® wide-mouth opening



Produce roll stock with pre-applied closures or bottom gussets that run as smoothly and quickly as regular film without heavy capital expenditure



Front Panel

The recloseable front panel feature combines convenient front panel access to package contents with a resealable zipper.

- Thumb tab or pull tab options
- Wide access with secure closure



Bag Top

Create a cut-to-open package with a reclosable zipper feature with Bag Top pre-applied closures.

- Identical to packages created with in-line systems
- Opposed wall, three-flange closure
- Bag access via cut top or perforation
- Gas barrier applications possible
- Final closure seal is made during the VFFS process

Pour & Lok®

A resealable pour spout for side gusseted and non-side gusseted packaging.

- Press-to-close, foldable closure is pre-applied to film in the side gusset of the package
- Allows for large openings for scoopable products
- Available as an attachment to our INNO-LOK 1400 machines and pouch machines



Pour & Lok®



ZIP360®

The wide-mouth opening of the ZIP360 resealable pouch is produced using a pre-applied 360-degree perimeter closure.

- Provides easy access to content via cut top or perforation
- For side-gusseted and non-side-gusseted packages
- Dynamic graphics on all sides for maximum shelf impact

Most efficient, low cost reclosable production method

Form, fill and seal (FFS) equipment can run either INNO-LOK films with pre-applied closures or non-closure films without any additional changeover time.

INNO-LOK films run comparably to standard non-closure films on conventional FFS equipment.

- Run faster than in-line or on-line transverse closure systems
- No additional equipment needed
- Fewer roll changes needed; film and closure are the same roll



Minimal upfront costs
Quick return on investment



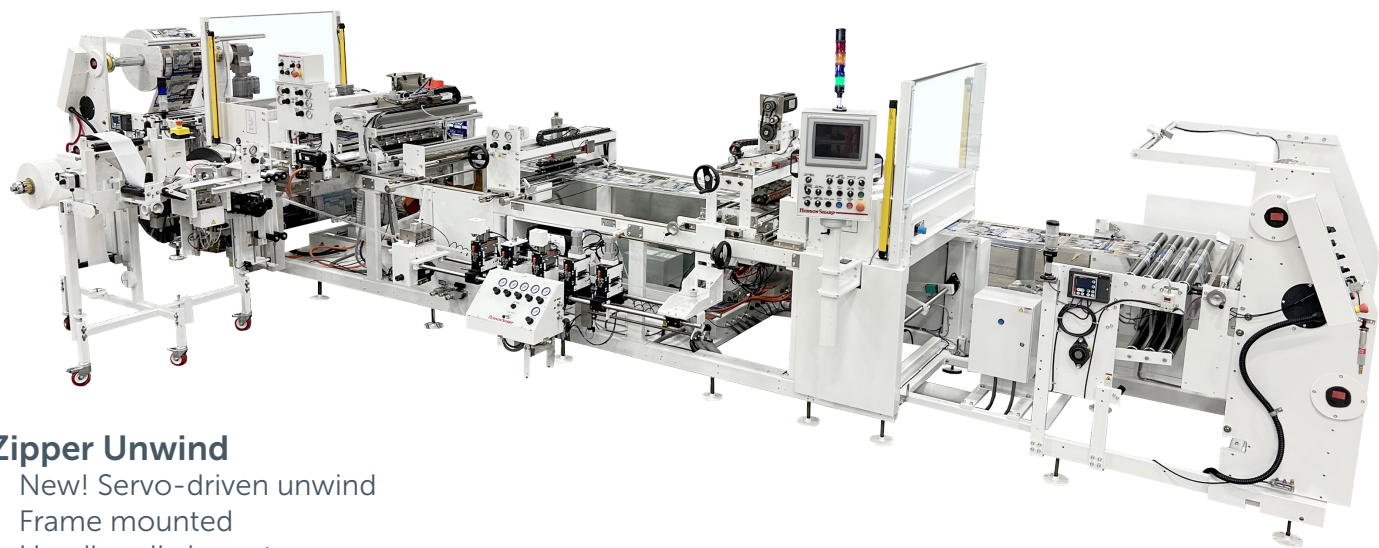
No reduction in production speed
No increase in set-up time



No increase in scrap or waste
Reduces amount of needed materials



Maximum line scheduling flexibility
Minimal operator training



Zipper Unwind

- New! Servo-driven unwind
- Frame mounted
- Handles all zipper types

Zipper Sealer

- Servo-driven module
- Quick-change seal bar replacement
- Quiet operation

Rotary Turret

- Six-position turret
- Zipper receiver for guiding and placement
- Handles all zipper types

Unwind & Rewind

- Dual spindle construction
- VFAC-driven with servo draw roll
- BST edge-guided web

INNO-LOK® machines

	750	1400
Machine width:	750 mm / 30 in	1400 mm / 56 in
Max. web width:	711 mm / 28 in	1370 mm / 54 in
Draw length:	100 to 610 mm / 4 in to 24 in	
Parental material:	Heat-sealable monolayer or coextruded film or thermoplastic laminations between 50-125 microns thick	
Min. package opening:	82 mm / 3.22 in	
Max. package opening:	286 mm / 11.25 in	387 mm / 15.23 in
Machine speed:	Up to 150 cpm	
Standard electrical:	60 cycle / three-phase, 35 Kva	
Air:	2400 l/min	

EZ-Stand[®] solution

Allow your VFFS packaging to stand up and stand out with pre-applied bottom gussets

In addition to pre-applied closures, the Hudson-Sharp INNO-LOK machine offers the ability to pre-apply bottom gussets to roll stock with EZ-Stand technology.



Produce stand-up bags on your vertical FFS bagger. EZ-Stand packages are formed using a film web with a pre-applied folded panel. When the package is formed and sealed the panel unfolds to become the bottom of your stand-up bag.

- Use existing VFFS baggers to produce stand-up bags
- Faster fill rates than pre-made stand-up pouches
- Only minor VFFS equipment changes needed
- Simple installation process and minimal operator training
- Supports multiple INNO-LOK closure styles
- Hole punch, tear notches and laser scoring available
- No increase in scrap or waste
- No increase in set-up time
- Offers maximum scheduling flexibility on VFFS equipment
- Minor capital investment with quick return

EZ-Stand

Bag width:	101 mm - 355 mm
	4 in - 14 in
Finished gusset:	38 mm / 89 mm
	1.5 in - 3.5 in

Markets served



- Cereal/grains
- Pasta/rice
- Cookies
- Crackers
- Snacks/nuts
- Candy
- Baking mixes
- Sugar
- Fresh produce
- Sliced meats
- Shredded cheese



- Frozen seafood, poultry, and other meats
- Frozen fruits
- Frozen vegetables
- French fries



- Pet food and treats
- Lawn and garden
- Household
- Cannabis



Accelerate[™] support

Accelerate is BW Converting's advanced software platform designed for comprehensive remote monitoring and optimization of industrial equipment and processes.

- Seamlessly integrates with Hudson-Sharp bag converting machines
- Provides real-time monitoring and proactive maintenance recommendations

This i4.0 approach minimizes downtime, maximizes performance, and delivers actionable insights, ultimately driving significant cost savings and operational efficiency.

