

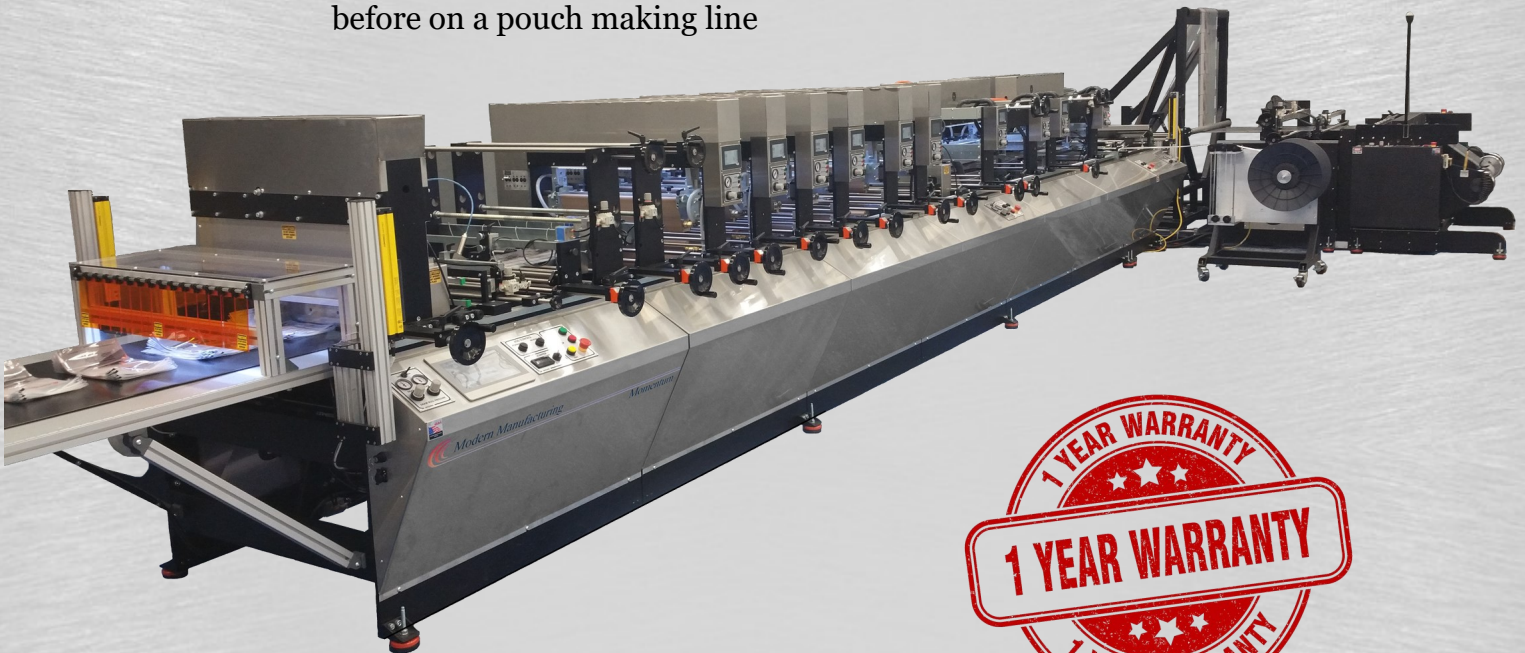
Modern Manufacturing

Momentum-610SUP Series Stand-Up Pouch Maker

Powered by Inteliseal

The world's most advanced pouch making system

Precision, accuracy and repeatability never seen
before on a pouch making line



- ★ **Low scrap rates**
- ★ **Fast change-over times**
- ★ **Exceptional pouch quality**
- ★ **Able to run the toughest films, including recyclable**
- ★ **Extremely high productivity and uptime rates**



1111 Corporate Drive | Farmington, NY 14425 | Phone: 585 - 289 - 4261

www.modernmfg.net

Modern Manufacturing Services has taken the next steps in the evolution of the pouch making process—the **Momentum** Series Stand-Up Pouch System. Incorporated into this new design include advancements that enable: improved productivity, reduced downtime (tool less changeovers) and extremely high pouch quality, all while reducing maintenance costs.

This new system is ideal for applications in the short-run digital print market, as well as, medium to long run applications typically found in pouch converting lines.

The standard features on the **Momentum** series, include:

- ✓ Independent servo draw systems
- ✓ Servo knife with independent servo sealers/coolers
- ✓ Built-in flange zipper system
- ✓ Four zone web-tension control
- ✓ Nip-driven unwind system
- ✓ Built-in indexing conveyor
- ✓ Two independent punch carriages (one with tear notch and one with hanger hole)
- ✓ Auto-tune temperature controls
- ✓ Heater and thermocouple break alarms
- ✓ Eye averaging function (smoothing function)
- ✓ Built-in 2nd cut feature

While there are certainly significant hardware enhancements in the **Momentum** series, the most dramatic enhancements are with the **Inteliseal** sealing system. **Inteliseal** is a servo actuated system with built-in functional settings, which allows the operator to easily dial in the appropriate sealing settings for a particular film.

All seal heads are independently controlled from the control panel on each head or at the HMI (Human Machine Interface). This unique capability allows an operator to set each seal head so that **cycle distance**, **seal compression distance** and **seal force** vary based on the demands of the film being converted.

The **Inteliseal** system enables the **Momentum** series to run films that most pouch making systems have great difficulty with or require the system be dramatically slowed down to produce acceptable pouch quality. Given all this, what does it mean to your converting business:

- ✓ Industry best pouch quality
- ✓ Ability to run difficult films, including COEX and recyclable
- ✓ World class application flexibility
- ✓ Easy repeatability with all settings easily stored for repeat usage

In summary, the **Inteliseal** system enables the **Momentum** to provide more flexibility and higher seal quality than any other system on the market today.

General Specifications	
Stand-Up Pouch Making Machine	24" (610 mm)
Max Lay-Flat Web Width	52" (1321 mm)
Max Roll Diameter	24" (610 mm)
Standard Core Size	3" (76 mm)
Min/Max Gusset Size	0.5"/4" (1.0"/8" open) (13/102 mm)
Min/Max Pouch Width	3"/12" without skip feed (300" with skip feed) (76/305 mm)
Max Pouch Height	24" (610 mm)
Mechanical Speeds	250 cycles/minute
Electrical Requirements	208 / 220 VAC, 125 AMP
Servo Actuated Machine Air Requirements	15 /CFM @ 90 psi
Water	12 GPM @ 50-55°F

Equipment Options

Optional Punch Shapes and Sizes	Tear notch, hanger hole, sombrero, corner round, handle hole.
Digital Readouts for Carriage Positioning	Provides a more precise location positioning with absolute or incremental settings. Inch and metric conversion provided.
Closed Loop Chiller System	For maintained chilled water supply.
Coreless Trim Rewinder	Easy change spools, traverse wound trim with small foot print.
Two Tier Conveyor with Stacking Gate	Allowing for cleaner stacking and product handling.
Vacuum Punch Slug Removal	This option provides a clean vacuum removal system for punch slugs.
Web Tracking Guide	Guides film at the front of the machine, allowing better accuracy for punches, web slitting and other pouch features. Eliminates side wander.

Momentum-610SUP Pouch Configurations

	Two Side Seal				Three Side Seal				Three Side Seal with Zipper				Header Seal			
	Min		Max		Min		Max		Min		Max		Min		Max	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
L	60	2.4	610	24	60	2.4	610	24	152	6	610	24	60	2.4	610	24
W	76	3	305	*12	76	3	305	*12	76	3	305	*12	76	3	305	*12
G																
	Stand UP K-Seal				Stand-Up Doyen Seal <i>tooling required</i>				Stand-Up K-Seal w/ Skirt Seal <i>tooling required</i>							
	Min		Max		Min		Max		Min		Max					
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch				
L	152	6	610	24	152	6	610	24	152	6	610	24				
W	76	3	305	*12	76	3	305	*12	76	3	305	*12				
G	13	0.5	102	4	13	0.5	102	4	13	0.5	102	4				

| L - Length | W - Width | G - Gusset | * without skip feed |

Note: skirt seals can only be achieved with added tooling

Servicing the Flexible Packaging & Bag Converting World

Located in New York State, USA, Modern Manufacturing Services is an innovative manufacturer of flexible packaging machinery. Modern Manufacturing leads the way with machines that are easy to set up, operate, and fast to make product changeovers. Our dynamic core group of individuals, each with many years of industry experience, have one goal in mind when designing a new machine or making updates to existing machinery. That goal is to provide the customer with a positive ownership experience and solve their production issues. We achieve this goal by designing a system that utilizes adjustable carriage based machine sections that are set and reset without the use of tools.

Additionally, the control platforms available have been designed for easy and intuitive operator use. This operational flexibility enables the owner to achieve faster job changeovers, with less scrap materials, ultimately contributing to more production and profitability. We look forward to working with you on satisfying your flexible packaging and bag converting requirements.

Thank you ,

Modern Manufacturing



Made in the USA

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