

Modern Manufacturing

Velocity-610SUP Series Stand-Up Pouch Maker

Powered by Inteliseal

The world's most advanced pouch making system



- ★ Low scrap rates
- ★ Precision, accuracy & repeatability never seen before in pouch making
- ★ Exceptional pouch quality
- ★ Able to run the toughest films, including recyclable
- ★ Extremely high productivity and uptime rates
- ★ High speed with added versatility for stand-up pouches up to 250-CPM



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

- ✓ Independent servo draw systems
- ✓ Servo knife with independent servo sealers/coolers
- ✓ Built-in flange zipper system
- ✓ Five-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)
- ✓ Digital temperature controls
- ✓ Heater and thermocouple break alarms
- ✓ Eye averaging function (smoothing function)
- ✓ Built-in 2nd cut feature
- ✓ Additional inline seals and cross seals added allowing for higher speeds and additional pouch configurations

While there are certainly significant hardware enhancements in the **Velocity** 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 **Velocity** 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 **Velocity** 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"/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, 150 AMP
Servo Actuated Machine Air Requirements	18 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
Auto Stacking and Bundling	This system offers auto stacking and bundling of pouch stacks for high speed operation. Bundled stacks can be set in 20-100 piece counts.

Velocity-610SUP Pouch Configurations

		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	60	2.4	610	24	60	2.4	610	24	60	2.4
W	76	3	305	*12	76	3	305	*12	76	3	305	*12	76	3	305	*12	76	3
G																		
										Optional Pouch Configurations								
		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	60	2.4	610	24	102	4	610	24	102	4
W	76	3	305	*12	76	3	305	*12	76	3	305	*12	152	6	610	24	152	6
G	13	0.5	102	4	13	0.5	102	4	13	0.5	102	4	25	1	102	4	25	1

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

*Pouch CPM is film related - not all pouches run at stated speeds

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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