

MAMATA



Vegapack **M-Series**

HFFS Pouch Machine

Available in 200 / 245 / 260 / 300 mm widths



Next-Gen All Servo HFFS Pouch Machine



Vegapack M-Series HFFS Pouch Machine

The **Vegapack M-Series** Machines are designed to meet specific needs of consumer packaged goods companies in the food/pet and home / personal care markets. These new generation machines balances high line-speed with a small footprint and brings the flexibility of being able to process both laminate and co-extruded films with ease as well as offer **“quick and repeatable changeovers”**.

Nearly all changeover functions are recipe based and motor driven, just a touch of a button on the HMI and the machine will begin to change to a new format size. Total format changeover, height / width / gusset can be achieved with one operator in **under 45 minutes**. This provides **new levels of OEE (Overall equipment effectiveness)** and delivers minimal total cost-of-ownership.

The machine design provides a modular platform to **accommodate upto 3 filling stations**, giving flexibility to the user to run multiple formats and products.

The Vegapack M-245, M-260 and M-300 are designed to meet the specific needs of consumer packaged goods companies in the food/pet and home / personal care markets. These large format Machines allows you to address the needs of running large and heavy Pouches, commonly referred to as Club Pack sizes.

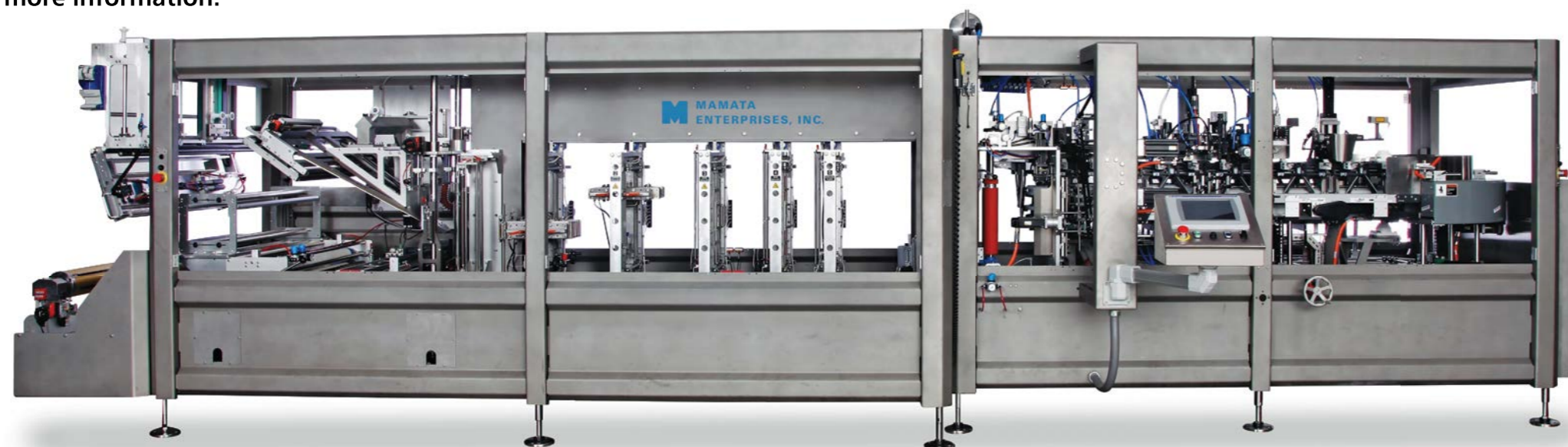
All 4 versions are available with optional Rinse down specifications.
Talk to us for more information.



Servo Auger and Servo Cup Filler shown fully integrated with M-Series

Wide Variety of Filling Applications

The M-Series machines are designed for Easy integration with a wide range of filling systems tailored to your application. Mamata partners with worldwide filling system OEMs to integrate the mechanical filling system as well as the filling system controls. Servo auger fillers and servo cup fillers can be integrated into the main machine HMI to eliminate redundant components and simplify changeover and daily operation. Multi-head weighers and volumetric liquid pump fillers are also easily integrated into M-Series machines. The patented double-gripper system has been specifically designed to hold up to 3 kg of product per pouch, ensuring filling process efficiency. With this approach, Mamata can efficiently and accurately fill your pouch with virtually any product.



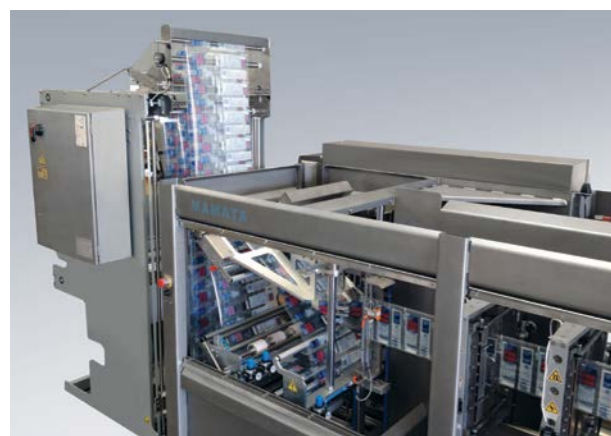
Repeatable and Easy Changeover via Standard 10" Color Touch Screen HMI

Repeatable Automatic Changeover

For customers requiring to run multiple formats on the same machine, the M-series features several automatic systems designed to be able to deliver repeatable format changeovers with precision and accuracy. Individual sealers, forming plow, cut-off knife, and pouch grippers, all feature HMI recipe-based automatic changeover systems. At the push of a button the machine will adjust itself to the appropriate format settings (including sealing parameters!) saving both time and money while increasing productivity. Under 45-minute changeovers can now be a way of life.

Optimized Sealing System

The innovative OptiSeal™ System on the Vegapack M-Series utilizes servo motors, clever programming and balanced mechatronics to accurately control temperature, sealing pressure and sealing time for each sealing function better than conventional systems. All three sealing parameters are electronically controlled and optimized for different film types and formats – and each setting can be saved as a recipe in the HMI for easy changeover without the need for mechanical adjustments. The OptiSeal™ System enables processing of laminated and PE / PE Structures / eco-films on the same machine with ease giving you flexibility to process a broad spectrum of films.



M-Series shown with optional Automatic Film Splicer



OptiSeal™ delivers world-class optimized sealing process control

Vegapack M-Series HFFS Pouch Machine

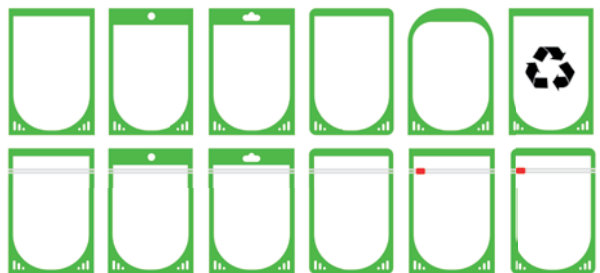
TECHNICAL SPECIFICATIONS:

Film Reel Diameter	-	610 mm (24 in.) Maximum	
Film Reel Core Diameter	-	76 - 152 mm (3 - 6 in.)	
		Minimum	Maximum
Web Width Range	M-200	200 mm	700 mm
	M-245	250 mm	850 mm
	M-260	280 mm	850 mm
	M-300	350 mm	870 mm
Pouch Height Range	M-200	100 mm	300 mm
	M-245	140 mm	360 mm
	M-260	140 mm	360 mm
	M-300	175 mm	360 mm
Pouch Width Range	M-200	100 mm	200 mm
	M-245	125 mm	245 mm
	M-260	140 mm	260 mm
	M-300	175 mm	300 mm
Maximum Gusset Size	M-200	100 mm [50 mm+50 mm]	
	M-245	130 mm [65 mm+65 mm]	
	M-260	130 mm [65 mm+65 mm]	
	M-300	150 mm [75 mm+75 mm]	
Maximum Mechanical Speeds	M-200	100 pouches / min*	
	M-245	80 pouches / min*	
	M-260	80 pouches / min*	
	M-300	70 pouches / min*	
Power Consumption	-	10 kW*	
Maximum Load	-	20 kVA*	
Main Voltage	-	230 / 480 Volts AC / 3-ph./ 60 Hz	
Air Consumption	-	Model Dependent	
Noise Level	-	< 72 dB*	
Safety Performance Level	-	Level d per EN ISO 13849-1	
Safety Category	-	Category 3 per EN 954-1	
Machine Controller	-	Allen Bradley	
HMI	-	Allen Bradley Touch Screen	
Machine Dimensions	M-200	6.5m L x 2.0m H x 1.6m W ~ 3600 kg (8,000 lbs.)*	
	M-245	7.5m L x 2.0m H x 1.7m W ~ 4000 kg (8,800 lbs.)*	
	M-260	7.5m L x 2.0m H x 1.7m W ~ 4000 kg (8,800 lbs.)*	
	M-300	8.4m L x 2.2m H x 1.9m W ~ 4400 kg (9,700 lbs.)*	

* NOTE : actual figures may vary depending on application, options, and configuration.
Pouch filling speed will depend on pouch opening size, product flow dynamics and other variables.

AVAILABLE OPTIONS:

- Hygienic version with 316 stainless steel frame, NEMA 4X enclosure and IP-65+ components
- Automatic Film Splicer
- Press-to-Close Zipper capability
- Slider Zipper capability
- Shaped Pouch Tooling
- Application Specific Wash Down / Rinse down Option in filling section
- Sloped top on electrical enclosure
- Air conditioner for electrical enclosure, 1500 BTU
- Nitrogen Gas Flushing
- Additional Product depositor(s)
- Dust Containment System in Filling area
- Machine Top Covers
- Custom discharge conveyor Options
- Additional Product Settler
- Product Catch Tray
- Servo Driven Pouch Guide / Bottom Support Way
- Hang Hole Punch Assembly in Top Seal Area
- Slit or V Notch type tear Punch
- Water Chiller Unit
- Centralized Chain Lubrication System
- CSA Certification
- Integration with OEM Filling system
- Integration with OEM with Printers
- Integration with OEM Vision inspection systems
- Integration with OEM Check Weighers
- Integration with OEM Desiccant Feeders



Bag styles / types made on standard machine



Photographs may show attachments or accessories, which may not be part of the standard scope of supply.
The company reserves the right to modify, alter, change or substitute any feature & specifications which are subject to change without notice.

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