

MAMATA

Total Solutions For Flexible Packaging



Leadership

***Pouch Makers, Bag Makers, Wicketers,
Co-extrusion Blown Film Lines,
Packaging Machines***





High Speed Side Seal Bag Maker

WIN 750 P



The Best in class bag maker with path breaking price to performance Index. It has flexible options to select sealers for different films and various attachments to make wide range of value added bags.

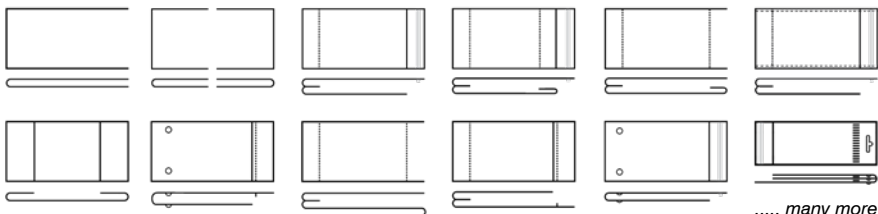
SPECIFICATIONS

Types of Webs / Films	HM-HDPE, LDPE, LLDPE, PP, CPP, BOPP	
Film Thickness (microns)	Maximum	Minimum
HM-HDPE	80	10
LDPE / LLDPE	100	20
PP	75	20
CPP	75	20
BOPP	50	20
Film Roll Diameter (mm)	Depends on Unwinder Selection (wide range of Unwind options available)	
Web Width (mm)	750#	150
Draw Length (mm)	750	50
Maximum Speed* (cys./min.)	300	
Motors		
Off-Wind	AC Motor	
Film Index / Film Draw	AC Brushless Servo Motor	
Main Drive (Sealing Head)	AC Motor	
Product Conveyor Drive	AC Motor	
General		
Electrical Power **	AC, 3 Phase, 415 ± 6% Volt, 50 Hz	
Connected Load	10 kW (4 sq.mm 5 Core Copper Cable, 32 Amp. TPN - MCB)	
Foot Print (L x W x H) (mm)	4000 x 1500 x 1300 (w/o Unwinder)	
Machine Weight (MT) ***	~1.3 (Basic machine w/o Unwinder)	

* Depending on Type of Bag, Material, Thickness, Width, Draw-length & Type of job being processed.
 ** Special Power Supply Condition on request. *** The Machine weight given is indicative only.
 # Maximum usable width of machines may change with attachments.

ATTACHMENTS

- Wide Range of Un-winders
- Film Folding Device
- Lip Formation
- Bottom Gusseting Attachment
- Tape Applicator
- Linear Perforation
- Dotted Seal
- Clean Cut Butterfly Punch
- Wicket Hole Punch
- Score Cut Hole Punch
- Carry Handle Punch
- Pin Hole Punch
- Ultrasonic Knurling
- Customer Special Requirement



..... many more



Ultra High Speed Side Seal Bag Makers

VEGA 600 Plus / VEGA 750 Plus



A value for money Side Seal Bag Makers, a perfect balance of productivity and price. At 350 / 450 strokes/minute, it can convert PP / LD-LLDPE / HDPE materials from 10 to 100 microns. Solution to your High Speed Side Seal requirements.

SPECIFICATIONS

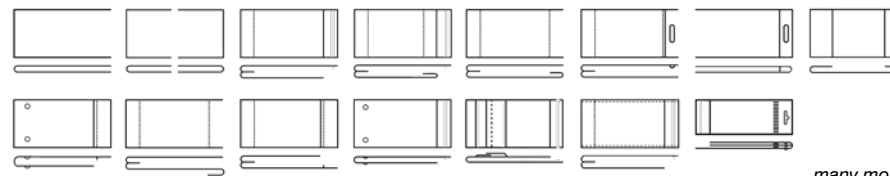
Types of Webs / Films	HM-HDPE, LDPE, LLDPE, PP, CPP, BOPP			
Film Thickness (microns)	Maximum	Minimum	Maximum	Minimum
HM-HDPE	80	10	80	10
LDPE / LLDPE	100	20	100	20
PP	75	20	75	20
CPP	75	20	75	20
BOPP	50	20	50	20
Film Roll Diameter	Depends on Unwinder Selection (wide range of Unwind options available)			
Web Width (mm)	600#	150	800#	150
Draw Length (mm)	600	25	750	50
Maximum Speed* (cys./min.)	350 / 450		350 / 450	
Motors				
Off-Wind	AC Motor			
Film Index / Film Draw	AC Brushless Servo Motor			
Main Drive (Sealing Head)	AC Motor			
Product Conveyor Drive	AC Motor			
General				
Electrical Power	AC, 3 Phase, 415 ± 6% Volt, 50 Hz			
Connected Load	10 kW (4 sq.mm 5 Core Copper Cable, 32 Amp. TPN - MCB)			
Air Consumption @ NTP (ltr./min.)	500		500	
Foot Print (L x W x H) (mm)	4700 x 1400 x 1350 (w/o Unwinder)		4700 x 1550 x 1350 (w/o Unwinder)	
Machine Weight (MT)	~1.25 (For Basic Machine)		~1.5 (For Basic Machine)	

* Actual output depends on the type of Bag, Material, Thickness, Width & Draw-Length.
 # Maximum usable width of machines may change with attachments.

ATTACHMENTS

- Wide Range of Unwinders
- Film Folding Device (A-Frame)
- Lip Formation + Lip Sealing
- Bottom Gusset Assembly
- Tape Applicator • Dotted Seal
- Linear Perforation Assembly
- Round Hole Punch
- Hanger (Euro Hole) Punch
- Pin Hole Punch
- Wicket Hole Punch
- Ejecto Carry Handle Punch
- Ultrasonic Knurling
- Strip Insertion • Auto Stacker
- Opti-Stack System
- Running Seal Module
- Pocket Unwinders
- Hot Melt Glue Dispensing System
- "V" Cut Attachment (Cold Cut)
- Customer Special Requirement

Special Configuration: For String Zip Bag Making



..... many more



Servo Driven Side Seal Bag Maker

QUADRA 600



- Game changer for producing small size bags**
- Can run 4 up or 2 up basis
 - Speed upto 300 CPM and upto 1200 bags per minute
 - Ability to handle plain as well as printed film
 - Suitable tape unwinder selection available
 - Bag with pearlized film can be run
 - Single roll of larger diameter can be used, resulting saving of roll slitting cost
 - Space saving upto 75% for given production volume compared to conventional bag makers
 - Upto 50% saving on cost of conversion

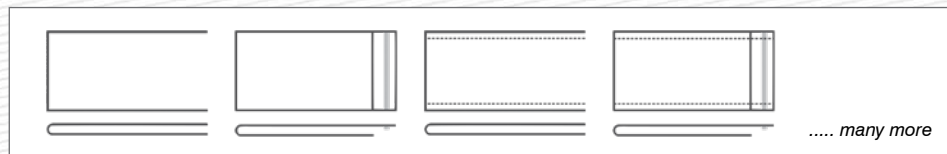
SPECIFICATIONS

Processing Data	Maximum	Minimum
Film Roll Diameter (mm)	600	
Web Width (mm)	1200	300
Draw Length (mm)	150	25
Types of Webs / Films		
BOPP	50	22
Maximum Speed* (Cycles/min)	300	
Motors		
Off-Wind	AC Brushless Servo Motor	
Film Index / Film Draw	AC Brushless Servo Motor	
Unwinder Nip Drive	AC Motor	
Main Drive (Sealing Head)	AC Motor	
Product Conveyor Drive	AC Motor	
General		
Electrical Power #	AC, 3 Phase, 415 ± 6% Volt, 50/60 Hz	
Connected Load	10 KW (4 sq. mm 5 Core Copper Cable, 32 Amp. TPN - MCB)	

* Depending on Material, Thickness, & Draw-length # Special Power Supply Condition on request

ATTACHMENTS

- Photocell
- Tape Applicator
- Dotted Seal
- Pearl Film Insertion System



Courier Bag Making Line

CBL 750



The best in class High Speed Courier Bag Maker with path breaking price to performance ratio

- Available selection of side sealing and twin sealing
- Option of single pocket and two pocket films
- Online glue dispensing for open flap or lip to lip bags

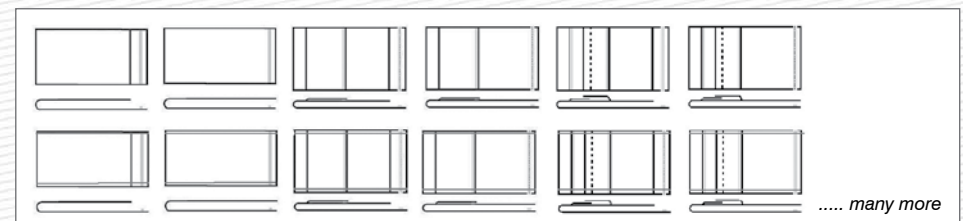
SPECIFICATIONS

Films Processed (microns)	Minimum	Maximum
LD / LLD	40	100
Processing Data		
Film Reel Diameter (mm)	--	600
Lay-flat Sheet Width (mm)	300	1200
Usable Sealing/Cutting Width (mm)	150	750
Draw Length (mm)	50	750
Maximum Speed* (cys./min.)	300 CPM	
Motors & Drive		
Unwinder	Servo Motor & Drive	
Off-wind Index	AC Motor & Drive	
Film Index	Servo Motor & Drive	
Main Drive (Sealing Head)	AC Motor & Drive	
Product Conveyor	AC Motor & Drive	
General		
Electrical Power #	AC, 3 Phase, 415 ± 6% Volt, 50 Hz	
Connected Load	13 KW (4 sq. mm 5 Core Copper Cable, 32 Amp. TPN - MCB)	
Air Consumption @ NTP (ltr./min.)	850	

* Depending on Material, Thickness, & Draw-length # Special Power Supply Condition on request

ATTACHMENTS

- Various Unwinder
- Turn Bar at Folder
- Twin Sealing Head
- Flap Opener
- Bottom Gusset





Dual Draw Roll Bottom Seal Bag Maker

WIN 600 B Split



Next Generation Bottom Seal Bag Making Machine for high quantity production for small size printed bottom seal bags. It can run two printed small width bottom seal bags with same or different length and can also run full width one bag.

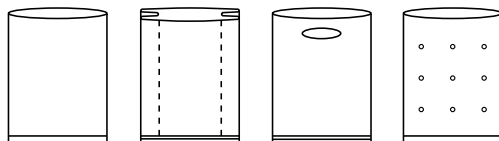
SPECIFICATIONS

Processing Data	Minimum	Maximum
Thickness of the Films (microns)		
HM-HDPE	10 x 1 Layer	60 x 4 Layer
LDPE / LLDPE	30 x 1 Layer	150 x 4 Layer
PP	50 x 1 layer	50 x 4 layer
Bag Width (mm)	2 x 100 or 1 x 200	2 x 280 or 1 x 600
Draw Length (mm)	100	1000
Maximum Speed* (cys./min.)		150
Limiting Line Speed (mtr./min.)		80
Drive Data		
Primary Front Index LANE 1 & LANE 2	AC Servo Motor	
Secondary Rear Index	AC Servo Motor	
Cranking Main Motor	AC Motor	
Flying Knife	AC Servo Motor	
Motorized Conveyor	AC Motor	
Un-winder 1 & Un-winder 2	AC Motor	
General		
Electrical Power #	AC, 3 Phase, 415 ± 6% Volt, 50/60 Hz	
Connected Load	10 KW (6 sq. mm 5 Core Copper Cable, 63 Amp. TPN - MCB)	
Air Consumption @ NTP (ltr./min.)	600	
Foot Print (L x W x H) (mm)	6100 x 1900 x 1275	
Machine Weight (MT)	~1.25	

* Actual Output depending on Material, Thickness, Draw-length # Special Power Supply Condition on request

ATTACHMENTS

- Various Type of Punches



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Bottom Seal Bag Maker with Flying Knife

WIN 800 B / WIN 1100 B / WIN 1400 B



Three Servo High Speed Bottom Sealing Machine with Flying Knife cutting. Capability of repeat seal enhances processing of higher thickness films.

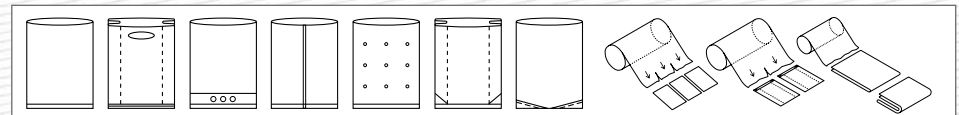
SPECIFICATIONS	WIN 800 B		WIN 1100 B		WIN 1400 B	
Processing Data	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
Bag Width (mm)	150	800	200	1100	250	1400
Draw Length (mm)	100	2000/4000	100	2000/4000	100	2000/4000
Maximum Speed* (cys./min.)	150		140		130	
Limiting Line Speed* (mtr./min.)	120		120		120	
Thickness of the Films (microns)	Minimum			Maximum		
HM / HDPE	10 x 2 Layers			75 x 2 Layers		
LD / LLDPE	20 x 2 Layers			300 x 2 Layers		
PP	25 x 2 Layers			75 x 2 Layers		
Motors						
Off-wind	AC Motor					
Film Index	AC Brushless Servo Motor					
Secondary Index	AC Brushless Servo Motor					
Flying Knife	AC Brushless Servo Motor					
Main Motor (Cranking)	AC Motor					
Motorized Conveyor	AC Motor					
Conveyor Length (mm)	1600		1600		2000	
General						
Electrical Power	AC, 3 Phase, 415 + 6% Volt, 50 Hz					
Connected Load (kW)**	14		14		17	
	(6 sq.mm 4 Core Copper Cable, 63 Amp. TP - MCB)					
Air Consumption @ NTP (ltr./min.)**	900		1100		1300	

* Actual output depends on the type of Bag, Material, Thickness, Width & Draw-Length.

Maximum usable width of machines may change with Attachments. ## For Basic Machine Only.

ATTACHMENTS

- Surface Driven Unwinder with Buffer
- Electronic Continuous Hole Punches
- Post Gusseter Attachment
- Handle Punch Attachment
- Hanger Shape Sealing
- Spine / Lap Seal Attachment
- Pneumatic Punch Banks
- Single/Double Folding of Bag
- Twin Line Seal
- Cross Seal / K Seal
- Slit Seal Attachment
- Hot Blocking & Perforation





Universal Bag Makers

Available in 800, 1000 & 1200 mm widths



Versatility, modularity and flexibility to adopt changing market needs, High Productivity and long working life is what you get with **Mamata Universal Bag Makers**.

It's unique design gives distinct advantage to our customers, where change of jobs from Side Seal to Bottom Seal to Mix (Twin) Seal are very quick and consistent without compromising on productivity.

It gives "**Cost to Output Ratio**" which is perhaps the best in the world today. If you are scouting for above qualities in your Bag Makers, your search ends here. It's Modular construction allows you to add a host of attachments to make value added Bags like Soft-Loop Handle Bags, Patch Handle Bags, Garment Bags, Zipper Bags from PE / PP Films, Security / Courier Envelopes, Sine-wave Top Bags, Die-cut Handle Bags, Header Seal Bags, Round / Square Bottom Bags, Heavy duty Bottom Seal Bags for Pet Foods, Agricultural Product, Chemicals, Plastic Raw Materials, Wood Shaving, Mulch, Rock Salt, etc.

WIDE RANGE OF SPECIAL MACHINE CONFIGURATION

Patch Handle & Soft Loop Handle Bag Making Machine



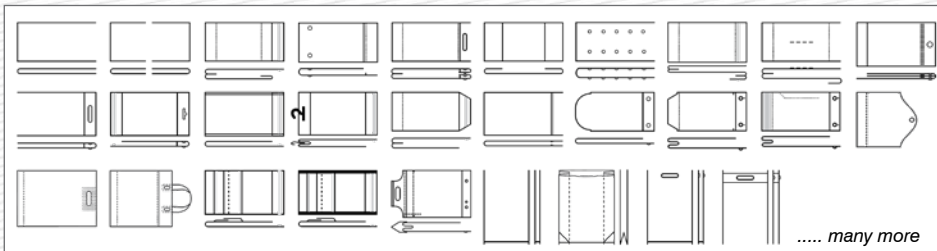
String Zip Bag Making Machine



Hot Melt Glue Patch Handle Bag Making Machine



Complete Line for Courier and Security Bags



SPECIFICATIONS

VegaPlus Series

Film Thickness (microns)	Side Seal Bags		Bottom Seal Bags			
	Maximum	Minimum	Maximum	Minimum		
HM-HDPE	80	10	80	25		
LLDPE / LDPE	120	15	150 / 200##	25		
PP / CPP	75	20	75	25		
General Specifications	VegaPlus 800		VegaPlus 1000		VegaPlus 1200	
Maximum Speeds* (cys./min.)						
Side Seal Bags	350		350		350	
Bottom Seal Bags	150		150		150	
Limiting Line Speed (mtr./min.)	70		70		70	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Web Width (mm)	800**	200**	1000**	250**	1200**	300**
Draw Length (mm)	1200	100	1200	100	1200	100
Off-wind Reel Diameter (mm)	Depends on Unwinder selection (wide range of Unwind options available)					
Drive Data						
Film Index / Film Draw	AC Brushless Servo Motor					
Rear Index	AC Brushless Servo Motor					
Nip Drive	AC Motor					
Conveyor Drive	AC Motor					
Cranking Mechanism Drive (Seal head)	AC Brushless Servo Motor					
Flying Knife Drive (Optional Bottom / Mix Weld)	AC Brushless Servo Motor					
Unique Features						
Sealing Time Control	Yes, Digital					
Sealing Pressure Control	Pneumatic					
General	VegaPlus 800		VegaPlus 1000		VegaPlus 1200	
Electrical Power	AC 3 Phase 220/240/380/415/480 ± 6% Volt, 50/60 Hz					
Connected Load #	15 kW		16 kW		17 kW	
	(6 sq.mm 4 Core Copper Cable, 63 Amp. TP - MCB)					
Air Consumption @ NTP (ltr./min.)#	925		1025		1200	
Foot Print (L x H x W) (mm)	Available on request					
Machine Weight (MT)	~ 2.0		~ 2.5		~ 3.0	

* Actual Output depends on the type of Bag, Material, Thickness, Width and Draw length.

Above specifications are for basic machine only.

** Usable Width of Machines may change with attachments.

Please consult us for Specific Testing Requirements and Processing Higher Thickness.

ATTACHMENTS

- **Bottom Seal Capability**
- **Twin (Mix) Seal Capability**
- **Options of Unwinders**
 - Air Shafts
 - Motorized Film Roll Loading
 - Electrical Edge Position Control (EPC)
 - Servo / Pneumatic Tension Controller
 - Safety Chucks
 - Film Roll Exhaust Sensor
- **Folders**
 - "A" Frame ("V" Folder)
 - "C" Folding Mechanism
- **Attachments in Continuous Path**
 - Bottom Gusseters
 - Lip / Flap Formation
 - Perforators
- Tape Inserters and Applicators
- Sheet Inserters
- Lip / Header Sealer
- Ultrasonic Sealers
- **Seal heads for Different Films**
- **Attachments in Intermittent Path**
 - Wide Variety of Punches
 - Pre-sealers / Re-inforcement Sealer
 - "K" Seal (Miter Gusset)
 - Multi Purpose Sealing Modules
 - "V" Cut Attachment (Cold Cut)
- **Stacking Unit**
 - Auto Stacker
 - Cross Conveyor for Soft loop / Moulded Hanger Bags
- **Attachments for Special Purpose Bags**
 - Security / Courier Envelopes
 - String Zip / Flange Zipper Insertion & Sealing
 - Round Bottom (Chicken/Minced meat) Bags
 - Square Bottom Bags
 - Diaper Bags
 - Moulded Handle Insertion
 - Draw String Bags
 - Hanger Seal Bags
- **Post Gusseters**
 - Fix Type & Turn Table Type
- Customer Special Requirement



High Speed Side Seal Bag Maker

VEGA 1000 S



The Best in class bag maker with path breaking price to performance Index. It has flexible options to select sealers for different films and various attachments to make wide range of value added bags.

SPECIFICATIONS

Types of Webs / Films	HM-HDPE, LDPE, LLDPE, PP, CPP, BOPP	
Thickness of the Films (microns)	Minimum	Maximum
HM-HDPE	80	10
LDPE / LLDPE	100	20
PP	75	20
CPP	75	20
BOPP	50	20
Film Roll Diameter	Depends on Unwinder Selection (wide range of Unwind options available)	
Web Width (mm)	250	1000#
Draw Length (mm)	100	1200
Maximum Speed* (cys./min.)	300	
Motors		
Off-Wind	AC Motor	
Film Index / Film Draw	AC Servo Motor	
Rear Index	AC Servo Motor	
Main Drive (Sealing Head)	AC Motor	
Product Conveyor Drive	AC Motor	
General		
Electrical Power **	AC, 3 Phase, 415 ± 6% Volt, 50 Hz	
Connected Load	15 kW (6 sq.mm 4 Core Copper Cable, 63 Amp. TP - MCB)	
Air Consumption @ NTP (ltr./min.)	1000	
Foot Print (L x W x H) (mm)	Depends upon Machine Configuration	
Machine Weight (MT) ***	~2.5 (Basic machine without Unwinder)	

* Actual output depends on the type of Bag, Material, Thickness, Width & Draw-Length. # Maximum usable width of machines may change with Attachments.

ATTACHMENTS

- **Three Edge Seal Capability**
- **Options of Unwinders**
 - Air Shafts
 - Motorized Film Roll Loading
 - Electrical Edge Position Control (EPC)
 - Servo / Pneumatic Tension Controller
 - Safety Chucks
 - Film Roll Exhaust Sensor
- **Folders**
 - "A" Frame ("V" Folder)
 - "C" Folding Mechanism
- **Attachments in Continuous Path**
 - Bottom Gusseters
 - Lip / Flap Formation
 - Perforators
 - Tape Inserters and Applicators
 - Sheet Inserters
 - Lip / Header Sealer
 - Ultrasonic Sealers
- **Seal heads for Different Films**
- **Attachments in Intermittent Path**
 - Wide Variety of Punches
 - Pre-sealers / Re-inforcement Sealer
 - "K" Seal (Miter Gusset)
 - Multi Purpose Sealing Modules
 - "V" Cut Attachment (Cold Cut)
- **Stacking Unit**
 - Auto Stacker
 - Cross Conveyor for Soft loop/ Moulded Hanger Bags
- **Attachments for Special Purpose Bags**
 - Security / Courier Envelopes
 - String Zip / Flange Zipper Insertion & Sealing
 - Round Bottom (Chicken/Minced meat) Bags
 - Square Bottom Bags
 - Diaper Bags
 - Moulded Handle Insertion
 - Draw String Bags
- Customer Special Requirement



Dual Draw Roll Universal Bag Makers

VEGA Plus 1200 Split / VEGA Plus 1400 Split



Run Two Printed Sizes at a Time

Next Generation Bag Making Technology

SPECIFICATIONS

SPECIFICATIONS	Side Seal Bags		Bottom Seal Bags	
	Maximum	Minimum	Maximum	Minimum
Film Thickness (microns)				
HM-HDPE	80	10	80	25
LLDPE / LDPE	120	15	150/200**	25
PP / CPP	75	20	75	25
General Specifications	Vega 1200 Split		Vega 1400 Split	
Maximum Speeds* (cys./min.)	2 up	1 up	2 up	1 up
Side Seal Bags	250	250	210	210
Bottom Seal Bags	150	150	125	125
Limiting Line Speed (mtr./min.)	70	70	70	70
	Maximum	Minimum	Maximum	Minimum
Web width / Bag Height (mm)	2 x 590/1 x 1200#	2 x 200/1 x 350#	2 x 690/1 x 1400#	2 x 250/1 x 350#
Draw length / Bag Width (mm)	1200	100	1200	100
Off-wind Reel Diameter (mm)	600 - 1000 mm (Depends on Unwinder Selection)			
Drive Data				
Film Index Drive (Front Draw Rolls)	AC Brushless Servo Motor			
Secondary Index Drive	AC Brushless Servo Motor			
Nip Drive	AC Motor			
Conveyor Drive	AC Motor			
Cranking Mechanism Drive (Seal Head)	AC Brushless Servo Motor			
Flying Knife Drive (Optional Bottom / Mix Weld)	AC Brushless Servo Motor			
General				
Electrical Power	AC 3 Phase 220/240/380/415/480 ± 6% Volt, 50/60 Hz			
Connected Load #	18 kW (6 sq.mm 4 Core Copper Cable, 63 Amp. TP - MCB)			
Air consumption @ NTP (ltr./min.)##	1000			
Foot Print (L x H x W) (mm)	Available on Request			

* Actual Output depends on the type of Bag, Material, Thickness, Width and Draw length. ** Please consult us for Specific Testing Requirements and Processing Higher Thickness. # Usable Width of Machines may change with attachments. ## Above specifications are for basic machine only.

ATTACHMENTS

- **Bottom Seal Capability**
- **Twin (Mix) Seal Capability**
- **Options of Unwinders**
 - Air Shafts
 - Motorized Film Roll Loading
 - Electrical Edge Position Control (EPC)
 - Servo / Pneumatic Tension Controller
 - Safety Chucks
 - Film Roll Exhaust Sensor
- **Dual Film Folders (V-Board)**
 - 1220 / 1525 mm Combination
 - 1525 / 1525 mm Combination
 - Manual Folder Movement
 - Motorized Folder Movement
- **Attachments in Continuous Path**
 - Bottom Gusseters
 - Lip / Flap Formation
 - Perforators
 - Tape Inserters and Applicators
 - Sheet Inserters
 - Lip / Header Sealer
 - Ultrasonic Sealers for continuous sealing
- **Seal heads for Different Films**
- **Attachments for Special Purpose Bags**
 - Hanger Seal Bags*
 - Round Bottom (Chicken / Minced meat) Bags*
- **Attachments for Special Purpose Bags**
 - Multi Purpose Sealing Modules I-II-III
 - Security / Courier Envelopes
 - String Zip / Flange Zipper Insertion & Sealing
 - Diaper Bags / Hygiene Bags
 - Patch Handle Bags
 - Customer Special Requirement

* Nos. of attachments running at a time will be limited by attachment bed (Max.3200 mm). Also maximum draw length will be limited depending on nos. of attachments running.



High Speed Center Seal Pouch Maker

WIN 305 CP



It is world's Fastest Center Seal Pouch Maker with Speed up to 250 CPM at lowest energy consumption of only 1.35 Kwh.

SPECIFICATIONS

Types of Films	Laminates of PET+PE, MET PET+PE, CPP+BOPP ***	
Processing Data	Minimum	Maximum
Off-Wind Reel Diameter (mm)	--	500#
Web Width (Lay-Flat Sheet Width) (mm)	120	750
Pouch Width (mm)	50	305
Draw Length (mm)	25*	500
Film Thickness (microns)	30	50 / 80
Maximum Speed** (cys./min.)	250	
Motors		
Off-Wind	AC Motor	
Film Index	AC Brushless Servo Motor	
Main Motor (Cranking / Shearing)	AC Motor	
General		
Electrical Power **	AC, 3 Phase, 415 ± 6% Volt, 50 Hz	
Connected Load	10 kW (4 sq.mm 5 Core Copper Cable, 32 Amp. TPN - MCB)	

* With limitation of Stacking quality.

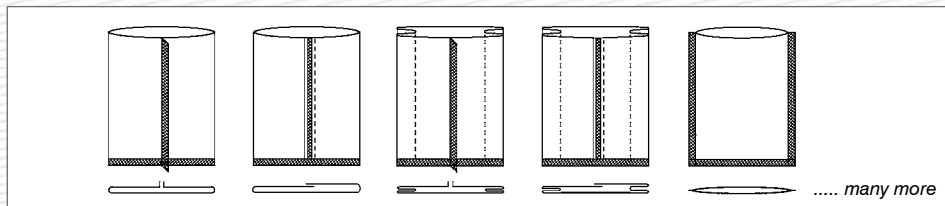
Wide range of Unwind options are available.

** Depending on Types of Bag, Material, Thickness, Width & Draw-length. ## Special Power Supply Condition on request.

*** Depending on material or subject to trial.

ATTACHMENTS

- Standalone Unwinders
- Film Folding Device
- Side Gusset
- Lap Seal
- Three Side Seal Facility
- Customer Special Requirement



..... many more



Center Seal & Three Side Seal Pouch Maker

WIN 400 CP



It is compact machine with flexibility to produce Center Fin / Over Lap Seal pouches, Three Side Seal Pouches and Offset Fin Seal Pouches. All sealers are reciprocating type driven by main AC motor, hence better control on sealing at center fin / over lap as well.

SPECIFICATIONS

Types of Films	Laminates of PET+PE, MET PET+PE, CPP+BOPP ***	
Processing Data	Minimum	Maximum
Off-Wind Reel Diameter (mm)	--	500#
Web Width (Lay-Flat Sheet Width) (mm)	200	800
Pouch Width (mm)	100	400
Draw Length (mm)	100	600
Film Thickness (microns)	30	80
Maximum Speed** (cys./min.)	200	
Motors		
Off-Wind	AC Motor	
Film Index	AC Brushless Servo Motor	
Middle Index	AC Brushless Servo Motor	
Rear Index	AC Brushless Servo Motor	
Main Motor (Cranking / Shearing)	AC Motor	
General		
Electrical Power **	AC, 3 Phase, 415 ± 6% Volt, 50 Hz	
Connected Load	10 kW (4 sq.mm 5 Core Copper Cable, 32 Amp. TPN - MCB)	

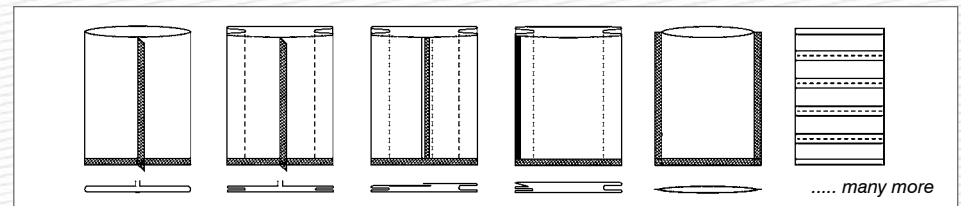
* With limitation of Stacking quality.

** Depending on Types of Bag, Material, Thickness, Width & Draw-length.

*** Depending on material or subject to trial. # Wide range of Unwind options are available. ## Special Power Supply Condition on request.

ATTACHMENTS

- Side Gusset Assembly
- 2nd Long Sealer
- Agarbatti Perforation
- Pneumatic Cooling Assembly
- Off-set Fin Sealing Facility
- Various Punches
- Customer Special Requirement



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Stand-up Zipper Pouch Maker

WIN 400 PM / WIN 500 PM / WIN 610 PM



The Machine is combination of simplicity, flexibility and performance. It is the only pouch maker which has flexibility to produce Center seal, Three side seal, Stand up Zipper and Five Side Seal Pouches on the same platform at significantly low investment.

SPECIFICATIONS	WIN 400 PM		WIN 500 PM		WIN 610 PM	
Types of Films	Laminates of PET+PE, MET PET+PE, CPP+BOPP ***					
Processing Data	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
Film Reel Diameter (mm)	--	600#	--	600#	--	600#
Lay-flat Sheet Width (mm)	200	800	300	1000	400	1200
Film Thickness (microns)	40	140	40	140	40	150
Pouch Width (mm)	100	400	150	500	200	600
Draw Length (mm) - Without Skip	75*	410	75*	450	75*	500
Draw Length (mm) - With Skip	200*	820	200*	900	200*	1000
Maximum Speed** (cys./min.)	160 / 200		160 / 200		200	
Motors	AC Motor		AC Motor		AC Motor	
Off-Wind	AC Motor		AC Motor		AC Motor	
Film Index	AC Brushless Servo Motor		AC Brushless Servo Motor		AC Brushless Servo Motor	
Secondary Index	AC Brushless Servo Motor		AC Brushless Servo Motor		AC Brushless Servo Motor	
Rear Index	AC Brushless Servo Motor		AC Brushless Servo Motor		AC Brushless Servo Motor	
Main Motor (Long Seal/Transverse Seal)	AC Motor or AC Servo Motor		AC Motor or AC Servo Motor		AC Brushless Servo Motor	
Shearing Assembly (Cutting)	Pneumatic or AC Servo Motor		Pneumatic or AC Servo Motor		AC Brushless Servo Motor	
General						
Electrical Power ##	AC, 3 Phase, 415 ± 6% Volt, 50 Hz					
Connected Load	16		16		22	
	(10 sq.mm 4 Core Copper Cable, 63 Amp. TPN - MCB)					

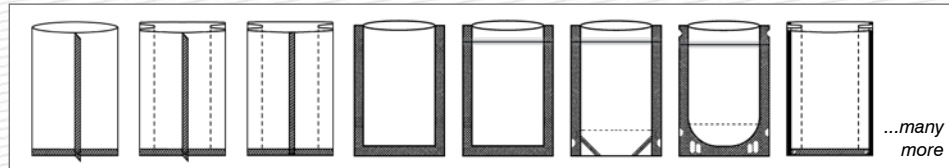
* With limitation of Stacking quality.

** Depending on Types of Bag, Material, Thickness, Width & Draw-length.

*** Depending on material or subject to trial. # Wide range of Unwind options are available. ## Special Power Supply Condition on request.

ATTACHMENTS

- Unwinders
- Film Folding Device
- Centre Fin Seal / Lap Seal
- Five Side Seal
- Various Punches
- Zipper Attachment
- Plain / Printed Insert Gusset System
- Multi-web Registration System
- Shape Pouch System
- Customer Special Requirement

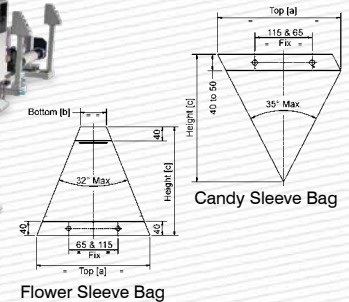


...many more



Flower & Candy Sleeve Making Systems

VEGA Plus 800 / 1000 FCS



SPECIFICATIONS	VegaPlus 800 FCS		VegaPlus 1000 FCS	
Films that can be processed	CPP, BOPP			
Off-Wind Reel Diameter with Servo unwinder	1000 mm			
Maximum angle possible	16 Degree irrespective of Bag size			
Film Thickness	Maximum (60 microns)		Minimum (20 microns)	
Maximum Mechanical Speed (cys./min.)*	125		100	
Flower Sleeve Standard Bag	Maximum	Minimum	Maximum	Minimum
Top [a]	480	200	650	200
Bottom [b]	200	70	200	90
Height [c]	700	240	815	250
Candy Sleeve Standard Bag	Maximum	Minimum	Maximum	Minimum
Top [a]	390	170	390	170
Height [c]	650	300	650	300
Motors				
Tension Control in Unwind Unit	AC Brushless Servo Motor			
Off-Wind	AC Motor			
Tail Feed Roller	AC Brushless Servo Motor			
Film Index	AC Brushless Servo Motor			
Main Drive (Sealing Mechanism)	AC Brushless Servo Motor			
Sealing Bed Drive	AC Brushless Servo Motor			
Vacuum Belt Drive	AC Brushless Servo Motor			
Product Conveyor Drive	AC Brushless Servo Motor			
Sleeve Tuck-in System in to Pins	AC Brushless Servo Motor			
General				
Electrical Power##	AC 3 Phase 220 / 240 / 380 / 415 / 480 ± 6% Volt, 50 / 60 Hz			
Connected Load	35 kW (10 sq.mm 4 Core Copper Cable, 80 Amp. TP - MCB)			
Air consumption @ NTP (ltr./min.) (For Air Cushion Delivery)	660		750	
Foot Print (L x W x H) (mm)	11200 x 3200 x 2300		14800 x 3800 x 2500	
Machine Weight# (MT)	~5.0		~6.5	

* Actual output depends on the type of Bag, Material, Thickness, Width & Draw-Length. ## Special power supply condition on request.

The machine weight given is indicative only.

ATTACHMENTS

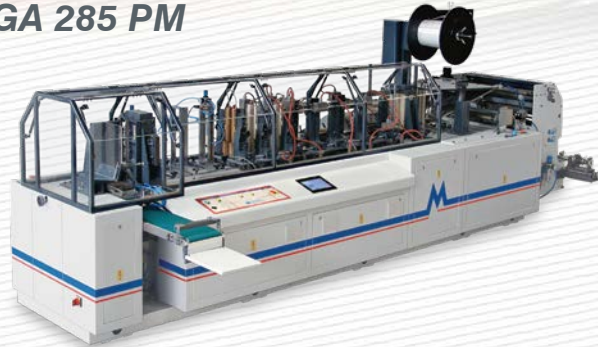
- Wide Range of Un-winder
- Film Folding Device
- Slitter & Flap Opener Attachment
- Tear Slit Attachment
- Wicket Hole Attachment
- Linear Perforation Assembly
- Punch Bank Attachment
- Micro Hole Attachment
- Bottom Sealer Attachment
- V-Cut (On Flap) Attachment
- Customer Special Requirement



Stand-up Zipper Pouch Maker

VEGA 285 PM

Vega 285 PM is specially designed to make three side seal, zipper and self gusseted stand-up pouches in single lane from laminates of PET / BOPP / Alu. Foil, etc. At 100 cycles / minute mechanical speed, it is simple yet fast entry level machine for converters with medium scale manufacturing requirement.



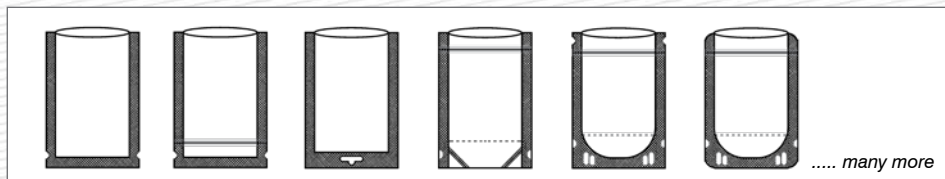
SPECIFICATIONS

Type of Polymers	Laminates of PET / BOPP / Alu. Foil, etc.**	
Processing Data	Maximum	Minimum
Film Roll Diameter (mm)	500	--
Web Width (mm)	670	200
Pouch Width (Draw Length) (mm)	225	75
Pouch Height (mm)	285	100
Gusset Depth (mm)	50	30
Film Thickness (microns)	150	50
Maximum Speed* (cys./min.)	100	
Limiting Line Speed (mtr./min.)	20	
Motors		
Unwind Nip	DC Motor	
Film Index / Film Draw	AC Brushless Servo Motor	
Tail Feed Nip	AC Brushless Servo Motor	
Main Drive	AC Frequency Variable Drive	
General		
Electrical Power	AC 3 Phase 220 / 240 / 380 / 415 / 480 ± 6% Volt, 50/60 Hz	
Connected Load	11 kW (4 sq.mm 5 Core Copper Cable, 32 Amp. TPN - MCB)	
Air Consumption @ NTP (ltr./min.)	600	
Foot Print (L x W x H) (mm)	6000 x 2000 x 1600 (Basic Machine)	6000 x 2000 x 2100 (with Zipper Attachment)
Machine Weight# (MT)	~3.5	

* Depending on Pouch type, Material, Thickness, & Draw-length. ** Depending on material or subject to trial. # The Machine weight given is indicative only.

ATTACHMENTS

- Extra Set of Sealers
- "V" Notch Punch
- Round Hole Punch
- Hanger Hole (Euro Hole) Punch
- Rounded Corner Punch
- Open Zipper Capability
- Flange Zip Insertion & Sealing
- Air Shaft
- Edge Guide
- Edge Trimming
- Longer Stacking Conveyor
- Customer Special Requirement



In-Line Pouch & Spout Making System

VEGA 285 PM Spout

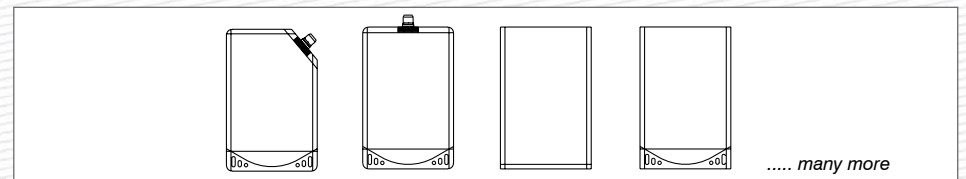


VEGA 285 PM SPOUT machines are dedicated for Angular or Linear Spout fixing. Can also make Three Side Seal and Stand up pouches without Spout.

SPECIFICATIONS

Processing Data		
Maximum Lay-flat Sheet (Web) Width (mm)	670	
Three Side Seal / Stand-Up Pouch with Spout	Maximum	Minimum
Pouch Width (mm)	200	100
Pouch Height (mm)	285	100
Maximum Mechanical Speed (cys./min.)*	35	
Three Side Seal / Stand-Up Pouch without Spout	Maximum	Minimum
Pouch Width (mm)	225	75
Pouch Height (mm)	285	100
Gusset Depth (mm)	50	30
Maximum Mechanical Speed (cys./min.)*	100	
Film Processed		
Supported / Laminates of Polyester, Polypropylene	50 microns to 150 microns	
Servo Motors		
For Angular Configuration 5 Nos. For Angular & Linear Configuration 6 Nos.		
General		
Electrical Power #	AC, 3 Phase, 415 ± 6% Volt, 50 Hz	
Connected Load	~15 kW (4 sq.mm 5 Core Copper Cable, 32 Amp. TPN - MCB)	
Air Consumption @ NTP (ltr./min.)	700	

* Depending on Material, Thickness & Draw-length. # Special Power Supply Condition on request.





Stand-up Zipper Pouch Maker

VEGA 300 PM

The quickest changeover stand-up Pouch Machine in the Industry



150 cpm
Mechanical Speed



~20 Minute
Format Changeover



Recyclable
Pouches



SPECIFICATIONS

Film Reel Core Diameter	76 - 152 mm	
	Minimum	Maximum
Film Reel Diameter (mm)	--	610
Web Width Range (mm)	250	700
Pouch Height Range (mm)	125	300
Pouch Width Range (mm)	100	250
Gusset Depth (mm)	25	50
Maximum Speed* (cys./min.)	150	
Electrical Power #	AC 3 phase 220/240/380/415/480 ±6% volt, 50/60 Hz	
Connected Load	20 KW (10 sq.mm 4 Core Copper Cable, 63 Amp. TP-MCB)	
Air Consumption @ NTP (ltr./min.)	850	
Tentative Noise Level	<80 dB*	
HMI	Touch screen	

* Actual output depends on the type of Bag, Material, Thickness, Width & Draw-Length # Special power supply condition on request

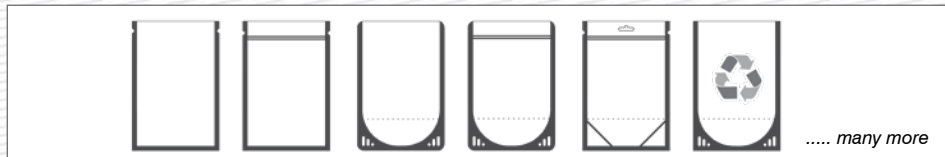
KEY FEATURES

Machine has been designed to suit short job runs

- Tool less changeovers
- Fully automated recipe driven changeover ~20 minutes
- Low setup wastage
- Ability to process recyclable mono materials / eco-friendly films

OPTIMIZED SEALING SYSTEM

The innovative Optiseal™ system accurately controls seal time, seal pressure, and temperature for each station independently. The settings are saved in the recipe for easy recall and changeovers without the need for mechanical adjustments.

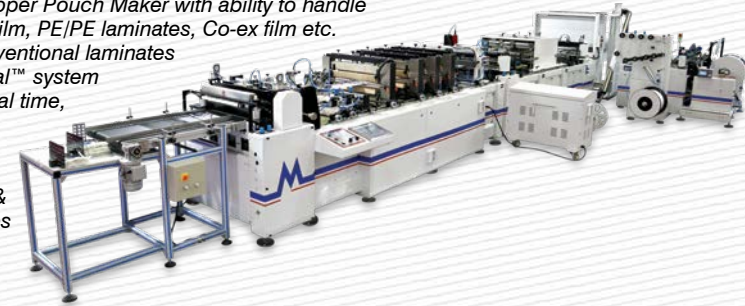


All Servo Driven Pouch Making System

TERRA 500 PM

High Speed Stand-up Zipper Pouch Maker with ability to handle recyclable films i.e. PE Film, PE/PE laminates, Co-ex film etc. with equal ease like conventional laminates

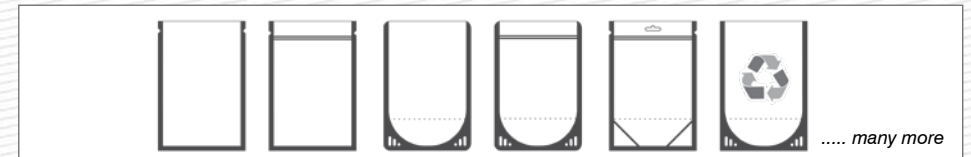
- The innovative Optiseal™ system accurately controls seal time, seal pressure and temperature
- Compact in size
- Reduced set up time & wastage on repeat jobs
- Ease of handling of difficult film structures
- Reduced operator dependency on repeat jobs



SPECIFICATIONS

Pouch Type	Three Side Seal Pouch		Single Web Stand-up Pouch	
	Minimum	Maximum	Minimum	Maximum
Films Processed (microns)				
Laminates of Polyester, BOPP, CPP, Alu Foil, MDO	50	200	70	200
Co-ex. Films based on Nylon, EVOH, LD / LLD etc.	50	200	75	200
Processing Data	Minimum		Maximum	
Film Reel Diameter (mm)	---		800	
Lay-flat Sheet Width (mm)	300		1200	
Usable Sealing/Cutting Width (mm)	150		500	
Draw Length (mm) - Without Skip	75		350	
Draw Length (mm) - With Skip	150		700	
Bottom Gusset (mm)	30		60	
Maximum Speed* (cys./min.)	200 CPM			
Motors & Drive				
Unwinder	Servo Motor & Drive			
Off-wind Index	Servo Motor & Drive			
Rear Index	Servo Motor & Drive			
Middle Index	Servo Motor & Drive			
Front Index	Servo Motor & Drive			
Long Seal/Cooling Module	Servo Motor & Drive			
Zip Squeezing Module	Servo Motor & Drive / Ultrasonic Squeezing (Optional)			
Transverse Sealing Module 1	Servo Motor & Drive			
Transverse Sealing Module 2	Servo Motor & Drive			
Transverse Sealing Module 3	Servo Motor & Drive			
Transverse Cooling Module	Servo Motor & Drive			
Shearing Cranking (Cutting)	Servo Motor & Drive			
General				
Electrical Power #	AC, 3 Phase, 415 ± 6% Volt, 50 Hz			
Connected Load	25 KW (10 sq.mm 5 Core Copper Cable, 80 Amp. TP-MCB)			
Air Consumption @ NTP (ltr./min.)	1400			

* Actual output depends on the type of Bag, Material, Thickness, Width & Draw-Length. # Special power supply condition on request.





Vega Plus Pouch Making Systems

Available in 410, 610, 820 & 1020 mm widths



Processability of wide Variety of Pouch Styles on Single Platform :

VegaPlus Pouch makers are our Top of the line offering with ALL SERVO Technology offering significant process advantages in term of Pouch Styles and films and materials.

Its modular design allows freedom to adapt to differing conversion needs and process Supported Films (Laminates) and Un-supported Co-Ex films or Recyclable films with equal ease. It can process several varieties of three side seal pouches or press to close zipper and stand up pouches or side gusseted quad seal or lap seal pouches and even Flat Bottom Pouches.

With Unwinds to insert separate Bottom or side gusset films, it can do Registered Bottom Gussets or Side Gussets for a stand-up Pouch or a quad seal Pouch. We offer registration control for up to 4 separate Films.

With the adjustable Double cut facility, it would also run notch-less Rounded corner retort Pouches as well as full Bleed Pouches with adjustable size of double cut slit straight from the Control Panel. No mechanical hassles involved.

HIGHLIGHTING FEATURES

- Zone wise Tension control with Precision and consistency
- All servo Unique Sealing system
- Unique zipper sealing system
- Intelligent User Friendly Control system
- Processability of wide variety of Pouch styles on single platform

SPECIAL APPLICATION CONFIGURATION

Flat Bottom Pouch Making Machine

- True flat bottom Pouch
- Output up to 150 Pouches per Minute
- Compact machine Foot Print and shorter Film Path
- Ease of Setting and savings on wastage
- Option of 1 or 2 up pouches
- All side films Print registration

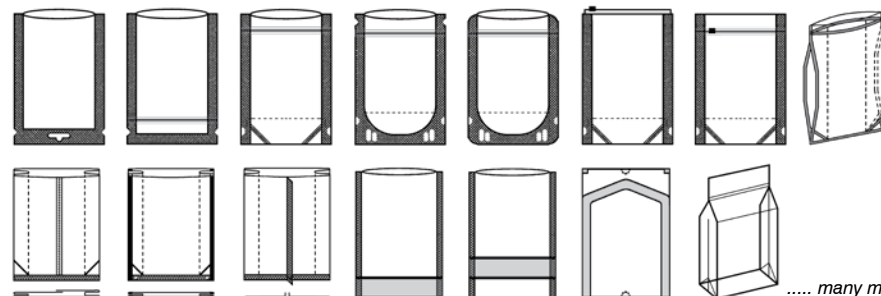


SPECIFICATIONS	Vega Plus Pouch Making Systems					
	Three Side Seal		Standup, Zipper & Other Types		Center Lap Seal	
Pouch Type	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
Films Processed (microns)						
Laminates of Polyester, BOPP, CPP	40	200	40	200	-	-
Co-ex. Films based on Nylon, EVOH, LD / LLD etc.	50	200	75	200	50	200
BOPP	30	55	30	55	30	55
Other films that can be processed include structures of Alu. Foil, Coated Paper, Tyvek® etc.*						
Sizes Processed (Unwinders)(mm)	Maximum			Minimum		
Web Width (WW) with 60" Unwinder	1520 (60")			410 (16")##		
Web Width (WW) with 48" Unwinder	1220 (48")			410 (16")##		
VegaPlus Pouch System (mm)	Maximum			Minimum		
Processing Width (PW) for VegaPlus 410	410 (16")**			125 (5")**		
Processing Width (PW) for VegaPlus 610	610 (24")**			210 (8")**		
Processing Width (PW) for VegaPlus 820	820 (32")**			250 (10")**		
Processing Width (PW) for VegaPlus 1020	1020 (40")**			300 (12")**		
Off-wind Reel Diameter	1000 mm (40") or Up to 700 Kg. (1500 lbs)					
General	VegaPlus 410	VegaPlus 610	VegaPlus 820	VegaPlus 1020		
Maximum Cycling Speed*	250	250	250	250		
Max. Line Speed (mtr./min.)*	50	50	50	50		
Electrical Power	AC 3 Phase 220 / 240 / 380 / 415 / 480 ± 6% Volt, 50 / 60 Hz					
Connected Load	35 kW (10 sq.mm 4 Core Copper Cable, 125 Amp. TP - MCB)					
Air Consumption @ NTP (ltr./min.)	900	1000	1100	1200		
Machine Weight## (MT)	~6.0	~6.5	~7.0	~8.5		

PW - Processing width. • WW - Web width. ** Refer Detailed Specifications for pouch types. * Depending on Types of Bag, Material, Thickness, Width & Draw-length. # Some structures of film may not be suitable for processing all types of Pouches. We need to take process trials in such cases. Please consult us for other film types. Tyvek® is registered trademark of DuPont™. ## The Machine weight given is indicative only.

Please choose the Pouch type you wish to make and add attachments / accessories from following list...

- 1520 mm (60") Servo driven Unwind (for 610 mm (24") wide Machines)
- Additional Unwinds to run separate top and Bottom Webs
- Multi-purpose seal Module 1 for Pre-seal, K seal, Cross seal etc. (1 or 2 stations)
- Multi-purpose Transverse & Long Seal Modules with Heating Platens
- Extra Rubber Base or top for seal bars
- Additional seal tools for Long seal / transverse seal Module
- Additional zip seal tools
- Additional shape seal tools for Stand-up Pouches
- Flying Knife in-place of Shearing cut
- Ultrasonic Zip Crushing System for 1-up or 2-up
- Punches
 - "V" Notch Punch • Round Hole Punch
 - Rounded Corner Punches (half cut and full cut)
 - Euro Hole (Mexican Hat) Punch • Tear Slit Punch
 - Carry Handle Punch • "V" Cut Punch for Flap
- Double Cut Capability for Notch-less rounded corners or Full Bleed Printed pouches
- Dual Auto stacker
- System for Header Pouches
- System for Chevron Pouches
- Shape Pouch Making System
- Customer Special Requirement



..... many more



Servo Wicketers

Available in 600, 800 & 1000 mm widths



We offer Wicketers that are high-speed and easy to operate. We have designed it for optimal output and price combination. With speed up to 450 cycles / minute, we offer widths 600 mm (24"), 800 mm (32") and 1000 mm (40").

KEY FEATURES

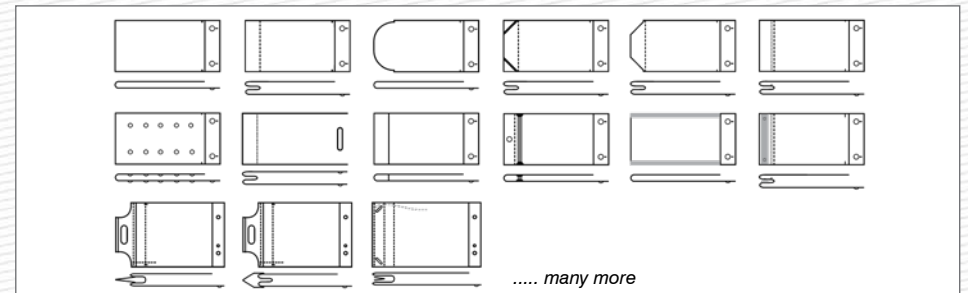
- Intelligent User Friendly Controls
- Unique Seal Time Control
- Low Maintenance
- Servo Driven Unwind with Tension Control System
- Pre-wired Attachment Platform and excellent tension control to operate wide variety of Attachments in the intermittent section
- Unique seal Base design to take care of processing needs of wide variety of films and bag types
- Unique HMI console with True Memory

ATTACHMENTS

- Centre Guide / Line Guide
- Separate Film Strip Inserters
- Perforators (Longitudinal / Transverse)
- Header Sealer (Continuous & Intermittent)
- Pouch Type Sealer (Servo & Pneumatic)
- Pre - Sealer (Servo & Pneumatic)
- Punch Banks
- Punches (Round Hole, Half Moon, Star, Handle)
- String Zipper Sealing System
- Hot Pin Blocking on Pin Stacker
- Flange Zipper Sealing System
- Attachment for Captive Flap Formation
- Diaper Bag Making System
- Round Bottom (Chicken Bag / Minced Meat Bags) Attachment (Servo & Pneumatic)
- Square Bottom Attachment (Servo)
- Motorized Pin Distance Adjustment
- Robotic Pick & Place Automation *New*
- Customer Special Requirement

SPECIFICATIONS		SERVO WICKETERS				
Film Processing Data (microns)	Maximum	Minimum		Minimum		
HM-HDPE	50	20		20		
LDPE / LLDPE	80	20		20		
CPP	75	20		20		
Max. Film Roll Diameter (Ø)	1000 mm (40") or 700 Kg. (1500 lbs)					
Model	Vega W 600		Vega W 800		Vega W 1000	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Bag Width (Draw Length)	410	75	410	75	410	75
Bag Depth* with 1220 mm (48") Unwind	480	190	610	250	610	250
Bag Depth* with 1520 mm (60") Unwind	--	--	680	250	710	250
Gusset Depth	75	25	75	25	75	25
Maximum Speed* (cys./min.)	450		425		400	
Limiting Line Speed* (mtr./min.)	90		90		90	
Vacuum Arms (mm)	410		410 / 610 (Optional)		410 / 610 (Optional)	
Pin Stacker Configuration (No. of Stations)	3 + 1 / 4 + 1 (Optional)					
Motors						
UBF (Unwinder, Buffer & Folder) Module						
Edge Guide	DC Brushless Motor					
Edge Guide Sensor Movement	AC Motor					
Unwinder Controller	AC Brushless Servo Motor					
Tension Control Accumulator	AC Brushless Servo Motor					
Secondary Edge Guide	DC Brushless Motor					
Off-wind	AC Brushless Servo Motor					
Main Film Index / Film Draw	AC Brushless Servo Motor					
Rear Index	AC Brushless Servo Motor					
Wicket Hole Punch movement	DC Brushless Motor					
Sealing Head Drive	AC Brushless Servo Motor					
Wicket Arm Drive	AC Brushless Servo Motor					
Conveyor	AC Motor					
Pin Indexer Drive	AC Brushless Servo Motor					
Pin Stacker Edge Guide	DC Brushless Motor					
General	Vega W 600	Vega W 800	Vega W 1000			
Electrical Power	AC 3 Phase 220 / 240 / 380 / 415 / 480 ± 6% Volt, 50 / 60 Hz					
Connected Load	25	25	30			
	(10 sq.mm 4 Core Copper Cable, 80 Amp. TP - MCB)					
Air Consumption @ NTP (ltr./min.)	1300	1300	1580			

* Actual output depends on the type of Bag, Material, Thickness, Width & Draw-Length.





Co-extrusion Blown Film Lines

3, 5, 7, 9 Layers & more

All for one and one for all 7-Layer lines
The answer to all your needs

Symmetric Structures
 (for FFS, Pre-form Pouches, Lamination Films etc.)

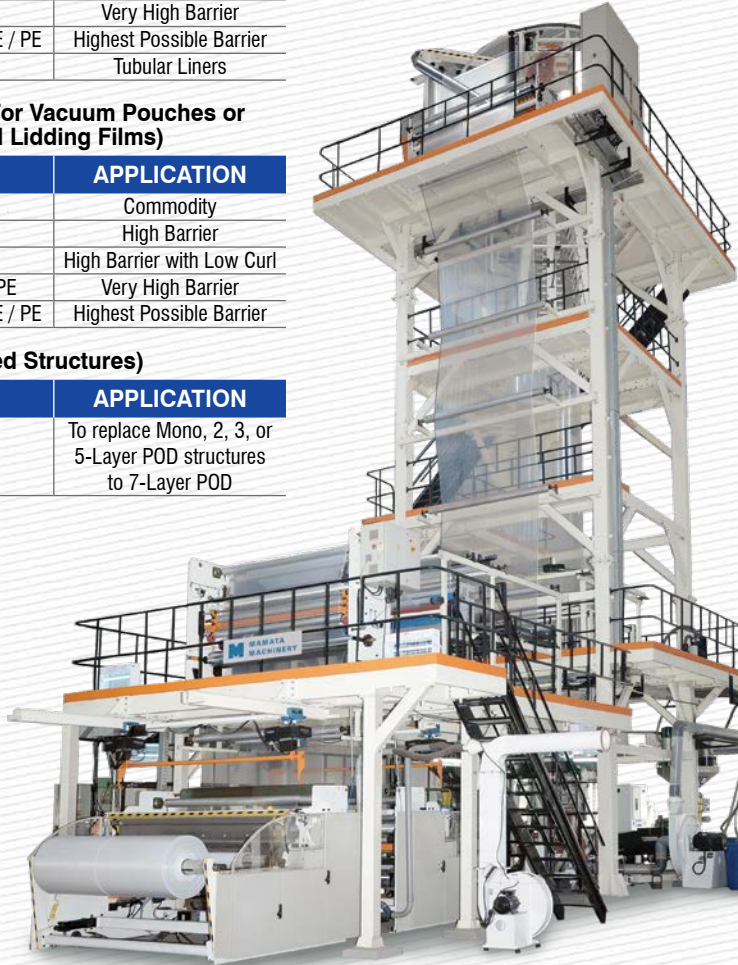
STRUCTURE	APPLICATION
PE / PE / TIE / PA / TIE / PE / PE	Edible Oil
PE / PE / TIE / EVOH / TIE / PE / PE	High Barrier
PE / PE + White M.B. / TIE / EVOH / TIE / PE + Black M.B. / PE	UHT Milk
PE / TIE / PA / EVOH / PA / TIE / PE	Very High Barrier
PE / TIE / EVOH / PA / EVOH / TIE / PE	Highest Possible Barrier
PA / TIE / PE / PE / PE / TIE / PA	Tubular Liners

Asymmetric Structures (For Vacuum Pouches or Thermoforming Trays and Lidding Films)

STRUCTURE	APPLICATION
PA / TIE / PE / PE / PE / PE / PE	Commodity
PA / TIE / PA / TIE / PE / PE / PE	High Barrier
PA / TIE / PE / TIE / PA / TIE / PE	High Barrier with Low Curl
PA / TIE / PA / EVOH / PA / TIE / PE	Very High Barrier
PA / TIE / EVOH / PA / EVOH / TIE / PE	Highest Possible Barrier

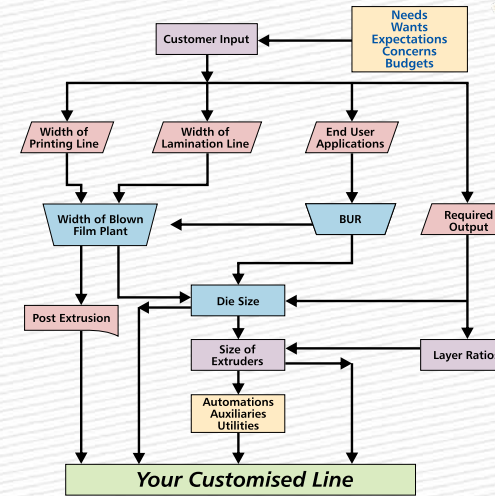
7-Layer POD (All PE Based Structures)

STRUCTURE	APPLICATION
PE-PE-PE-PE-PE-PE-PE	To replace Mono, 2, 3, or 5-Layer POD structures to 7-Layer POD



APPLICATION BASED CUSTOMISATION

With ever increasing applications of Blown Films for variety of uses and ever increasing competitive pressures, it has become mandatory to derive optimum results from your blown film line. Only way to do this is to critically analyse your requirements and insist on a line configuration that is tailor made for your needs of today and tomorrow.



ROAD MAP TO CUSTOMISATION

With over 25 years of experience solely in co-extrusion blown film technology, we can help you critically analyse your needs and deliver a optimal solution that is custom made.

Configure a Line to produce what you want to sell...

MEX BARRIER 5, 7 & 9 LAYER BLOWN FILM LINES

	Extruder Range (mm)	Die Lip Sizes (mm)	Width Range (mm)	Output Range (Kg/hr)
MEX (POD) 5 / 7 Layer Lines	40 - 90	175 - 600	1200 - 2625	100 - 600
MEX (Barrier) 5 / 7 Layer Lines	40 - 90	175 - 600	1200 - 2625	100 - 550
MEX (Barrier) 9 Layer Lines	40 - 90	175 - 500	1200 - 2375	100 - 550



CUSTOMISED CONFIGURATIONS WE OFFER...



Co-extrusion Blown Film Lines

3, 5, 7, 9 Layers & more



Gravimetric System

- In house manufacturing of Single and Multicomponent
- Complete feeding, Blending and EPC System all in one screen



Extruder

- Attains low melt temperature by 10 - 12 °C
- Saves Electricity cost



3 Layer Spiral Mandrel Die

- Taper Lock Assembly Technology
- Faster colour / polymer change
- Precise die gap



5, 7, 9 Layer Stackable Die

- Temperature isolation between layers
- Faster Flushing, Optimum Pressure, lower residence time
- Individual Layer thickness control due to design



Eliminator Air Ring

- Bubble locking capability
- Higher productivity
- Better thickness control



IBC 4+1 Pancake

- Five pre-settable lips
- Progressive cooling possible



Horizontal Oscillating Haul-Off

- Bottom supported haul off
- Turn bar lock-unlock from control panel
- Better gauge randomisation for wide range of widths



Vertical Oscillating Haul-Off

- Handle thin, tacky and stretchable films
- Additional discharge nip
- Full 360° Oscillation



Vegaflex Auto Surface Winders

- Load cell based web tension control
- Automatic reel changeover
- 100 mpm line speed
- 1000 mm maximum roll diameter



Mexflex Auto Surface Winders

- Taper tension control
- Robotic arm for reel changeover
- 150 mpm line speed
- 1500 mm maximum roll diameter



Thickness Measuring System

- Online rapid and accurate measurement
- Online thickness control



HMI Based Touch Screen Panel

- Single window Controls
- Enhanced Safety
- Monitor performance

PRE-CUSTOMIZED BLOWN FILM LINES FOR YOUR CONVENIENCE

SPECIFICATIONS

	Winflex 1400	Winflex 1600	Vegaflex 1750	Vegaflex 1950	Vegaflex Adv. 2200	Vegaflex Adv. 2200
Extruder Combinations	50:50:50	50:55:50	55:65:55	55:75:55	65:75:65	75:75:75
Line Width (mm)	1400	1600	1750	1950	2200	2200
Max. Film Width (mm)	1300	1500	1650	1850	2100	2100
Die Size (mm)	300	350	375	450	500	500
Max. Output (Kg/hr)	150 - 180	180 - 220	260-290	310 - 340	400 -425	500 -530

CUSTOMISED 3 LAYER LINES (with IBC System & Line Automations)

Width of Line (mm)	1625	1875	2125	2375	2625	2875	3125
Winder	Surface Winders up to 3000 mm LFW						
Haul-off	Horizontal Oscillating Haul-off			Vertical Oscillating Haul-off			
Bubble Cage Rollers type	Silicon Sleeve			Carbon Fibre Rollers			
Output Range	250 - 900 Kg/hr			250 - 900 Kg/hr			

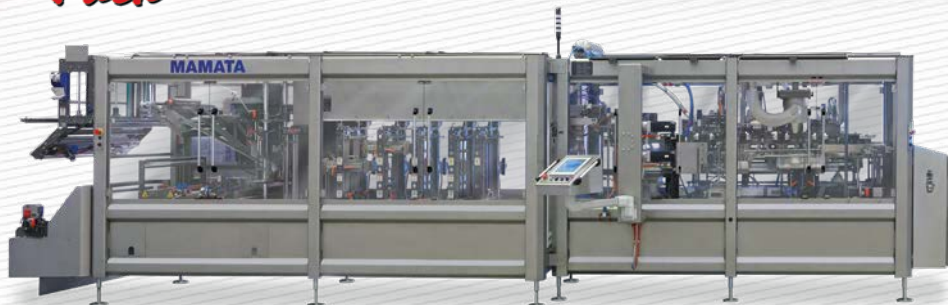
Extruder (mm)	40	50	65	75	90	120	150
Die & Air Ring	250 mm to 850 mm at an increment of 25 mm						
IBC System	4+1 Pancake IBC System with Controls						
Controls	HMI Type			SCADA Type			
Automations	Gravimetric Blending & Dosing System		Auto Width Control		Auto Gauge Control		Any other as per request
Auxiliaries & Ancillaries / Utilities / Panel	Web Guide	Corona Treator	Chiller		Compressor & Dryer	Testing Equipment	Others as per Requirements
Tower	Tower Layout Drawings / Prefabricated Tower						

Note: We can also offer line up-gradation package and complete turnkey solutions from concept to commissioning.



M-Series HFFS Pouch Machine

Available in 150, 200, 250 & 300 mm Pouch widths

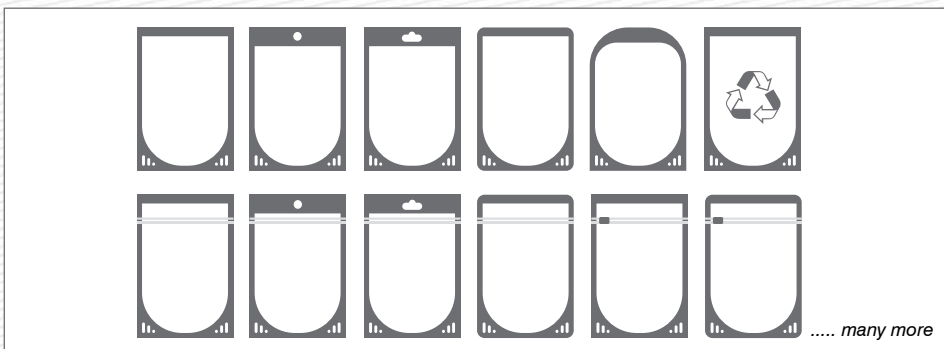


The **Vegapack M-Series** Machines are designed to meet specific needs of consumer packaged goods companies in the food/pet and home / personal care markets. These new generation machines balances high line-speed with a small footprint and brings the flexibility of being able to process both laminate 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-150, M-200, M-250 and M-300 are designed to meet the specific needs of consumer packaged goods companies in the food/pet and home / personal care markets.

All versions are available with optional Rinse down specifications.



SYSTEM FEATURES

- Stainless steel frame designed for hygiene & corrosion resistance
- Servo driven Optiseal® seal arrays with seal time & seal pressure control to deliver pre-made pouch quality seals
- Excellent web tension control system & Optiseal® system allows for machine to process Recyclable / Co-Ex Eco friendly films
- Robotic pick & place pouch transfer system for accurate transfer & low maintenance
- Carousel design for filling section v/s walking beam
- Under 45 minutes format changeovers including filling section increases uptime & efficiency
- Unique patented pouch clamp design results into guaranteed production efficiency of at least 95%
- Smart-wait & smart pouch feedback saves expensive pouch material

SPECIFICATIONS

Film Reel Diameter	-	610 mm (24 in.) maximum	
Film Reel Core Diameter	-	76 - 152 mm (3 - 6 in.)	
		Minimum	Maximum
Pouch Width Range	M-150	80 mm	150 mm
	M-200	110 mm	200 mm
	M-250	125 mm	250 mm
	M-300	175 mm	300 mm
Pouch Height Range	M-150	100 mm	225 mm
	M-200	110 mm	300 mm
	M-250	150 mm	360 mm
	M-300	175 mm	360 mm
Gusset Depth	M-150	25 mm	50 mm
	M-200	25 mm	50 mm
	M-300	25 mm	65 mm
Web Width Range	M-150	200 mm	650 mm
	M-200	220 mm	700 mm
	M-250	250 mm	850 mm
	M-300	350 mm	850 mm
Maximum Mechanical Speeds	M-150	100 pouches / min*	
	M-200	100 pouches / min*	
	M-250	80 pouches / min*	
	M-300	80 pouches / min*	
Maximum Connected Load	M-150	40 kW*	
	M-200	40 kW*	
	M-250	36 kW*	
	M-300	36 kW*	
Input Voltage	-	480 VAC/3 Phase/60 Hz./50 Hz.	
Air Consumption	-	30 CFM (850 liters/min.@ NTP)	
Tentative Noise Level	-	80 dB*	
Safety Performance Level	-	Level d per EN ISO 13849-1	
Safety Category	-	Category 3 per EN 954-1	
Machine Controller	-	PLC Based	
Machine Dimensions	M-150	7.8 m (L) x 2.1 m (W) x 2.1 m (H)	
	M-200	~ 3600 kg (8,000 lbs.)*	
	M-250	8.4 m (L) x 1.9 m (W) x 2.2 m (H)	
	M-300	~ 4400 kg (9,700 lbs.)*	

AVAILABLE OPTIONS

- Hygienic version with 316 stainless steel frame, NEMA 4X enclosure and IP-65+ rated components
- 3A Dairy FDA compliant
- Automatic film splicer
- Press-to-close zipper capability
- Slider zipper capability
- Shaped / K / Delta 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
- Slit or V Notch type tear punch
- Additional product settler
- Product catch tray
- Servo driven / Manual pouch guide / Bottom support way
- Hang hole punch assembly in top seal area
- Custom discharge conveyor options
- Machine top covers
- Water chiller unit
- Centralized chain lubrication system
- CSA certification

* 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. The company reserves the right to modify, alter, change or substitute any feature & specifications which are subject to change without notice.



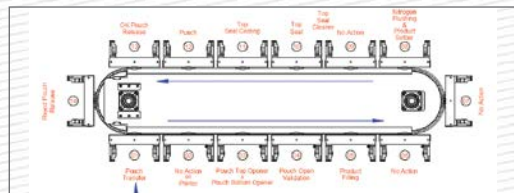
PFS-Series Pick-Fill-Seal Machine

Available in 250 & 300 mm Pouch widths

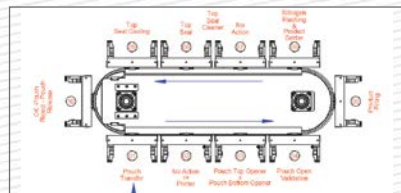


The **PFS-Series** Pick, Fill & Seal system is specifically designed for higher speed pre-made pouch filling applications in the food, personal care and pet care markets. It's ability to handle large format Pouches and **automated rapid changeover in matter of minutes** makes it unique in the Industry. The system delivers unrivaled flexibility with the ultra-versatile pouch transport system.

The **PFS-Series** offers unparalleled flexibility to customers who want to run multiple formats on the same machine. Selecting a recipe from the touch screen HMI, the machine will adjust itself to the appropriate format settings, saving both time and money while increasing productivity.



14 Station Configuration



10 Station Configuration

SPECIFICATIONS

		Minimum	Maximum
Pouch Width (W)	PFS 250	125 mm	175 mm
	PFS 300	250 mm	300 mm
Pouch Height (H)	PFS 250	140 mm	175 mm
	PFS 300	360 mm	360 mm
Gusset Depth (G)	PFS 250	25 mm	75 mm
	PFS 300		
Mechanical Speeds*	–	65 pouches / minute*	
Total Connected Load*	–	15 kW*	
Input Voltage	–	415 VAC/3 Phase/50 Hz.	
Air Consumption	–	40 CFM (1100 liters/min.@ NTP)*	
Noise Level	–	85 dB*	
Safety Performance Level	–	Level d per EN ISO 13849-1	
Safety Category	–	Category 3 per EN 954-1	
Machine Controller	–	PLC Based	
Machine Dimensions	PFS 250 (10 Station)	4.0 m (L)x4.0 m (W)x2.6 m (H) ~ 2100 kg (4,629 lbs)*	
	PFS 250 (14 Station)	4.75 m (L)x4.0 m (W)x2.6 m (H) ~ 2200 kg (4,850 lbs)*	

AVAILABLE OPTIONS

- Application specific Wash down / Rinse down option
- 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
- Custom discharge conveyor options
- Additional product settler
- Product catch tray
- Servo driven / Manual pouch guide / Bottom support
- Hang hole punch assembly in top seal area
- Machine top covers
- Water chiller unit
- Centralized chain lubrication system
- CSA certification

* Actual figures may vary depending on application and machine model. The company reserves the right to modify, alter, change or substitute any feature & specifications which are subject to change without notice.



Multilane Sachet Packaging Machine

Vegapack 300-S



- Free Flow Powders like Sugar, Energy Drink Powder, Pharmaceutical Powder, Pesticides etc.
- Liquids like Shampoo, Edible Oil, Tomato Puree, Cough Syrup, Sugar Syrup etc.

SPECIFICATIONS

	Minimum	Maximum
Sachet Width (mm)	40	100
Sachet Length (mm)	50	150
Volume Per Sachet (ml.)	1	40
Capacity Cycles / min./ track	–	100*
Max Output Sachets for 6 Tracks*	–	600
Reel Diameter (mm)	–	600
Reel Width (mm)	–	600
Electrical Power	AC 3 Phase 415 Volt, 50 Hz	
Foot Print (L x W x H) (mm)	2400 x 1900 x 2600	
Machine Weight (Approx.) (Kg.)	~1200	

* Depends upon film, product to be filled and product dosing system.

Vertical Form Fill Seal Machine

VFC-230



SPECIFICATIONS

Processing Data	Minimum	Maximum
Pouch Width (mm)	70	230*
Draw Length (mm)	50	300
Web Width (mm) (Lay-Flat Sheet Width)	160	480
Off-wind Reel Diameter (mm)	–	450
Thickness of the Films (Microns)	50	100
Pouch Types	FIN SEAL OR LAP SEAL***	
FILM INDEX	CONTINUOUS	
Types of Films	PET+MET PET+PE, PET+PE Mono material films of PP & PE#	
Maximum Mechanical Speed** (Cycles/Minute)	200	
Electrical Power**	AC, 3 Phase, 415±6% Volt, 50 Hz	
Connected Load (Basic Machine)	11.0 kW	
Foot Print (L x W x H) (mm)	1900 x 1300 x 2200	
Machine Weight (Approx.) (Kg.)	~950	

* Speed depends of type of film, type of Material to fill
 ** Depending on Types of Bag, Material, Thickness, Width & Draw-length
 *** LAP SEAL is a factory fitted type attachments.
 # Please consults us for eco-friendly packaging solutions.
 ## Special Power Supply Condition on request.

AC Servo Motor

- Off-Wind • Table Up/Down
- Vacuum Belt (Puller)LH/RH • Cross Sealing

Brushless DC Motor

- Edge Guide

Attachments

- Barcode Printer • Conveyor



STAR PERFORMER

MAMATA has won more than 20 Awards in different categories from EEPC and PLASTINDIA FOUNDATION for its Excellent Performance



MAMATA has come a long way since 1989, From being the first Indian company to Introduce Bag Making Machines with microprocessor controls. Today, with installed base above 5000 machines in more than 90 countries, MAMATA is a leading manufacturer and exporter of Co-extrusion Blown film lines, Converting Machines (Pouch Makers, Bag Makers & Wicketers) and Packaging Machines (Horizontal & Vertical Form Fill Seal Machines, Pick Fill Seal Machines & Sachet Packaging Machines).

The Flexible Packaging / Converting Markets are ever changing. Cost competitiveness while addressing change quickly without compromising the quality and versatility is the key to success for our customers.

At MAMATA, we have always designed systems that are fit for today's market needs and capable to see the road ahead, transform the course and win the race for our Customers. Our philosophy of providing machines with improved flexibility, operator friendliness and greater productivity has given our customers a vital edge in today's competitive market.



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