



MACHINES WHICH PACK  
**THE WORLD**

**BAG AND POUCH MAKERS**



# INDEX

## PAGE. NO.

## SUBJECT

Page 3	Who we are
Page 4	Team and Infrastructure
Page 6	High Speed Side Seal Bag maker
Page 7	Side Seal for 25mm bags
Page 8	E-Commerce/ Mailer / Security Side Seal Bag maker
Page 9	Zipper Side Seal Bag Maker
Page 10	Wicketeer Side Seal Bag Maker
Page 14	High Speed Flying Knife Bottom Seal Bag maker
Page 15	Flying Knife Bottom Seal Bag maker
Page 16	Flying Knife Bottom Seal Bag maker with Spine Seal
Page 17	Fin and Lap Seal Pouch maker
Page 18	Center Seal + Three Side Seal Pouch maker
Page 19	Specialized Three Side Seal Pouch maker
Page 20	Standup Pouch making System

## WHO WE ARE

Vishva is a manufacturer and exporter of Plastic Bag and Plastic Pouch Making machinery. We have more than 600 installations in 42+ countries. Vishva was started by Mr. Udaoy Shah who has over 30 years of experience in the Plastics Converting Industry. Supporting him is a team of more than 60 experienced and committed individuals.



## HONESTY & INTEGRITY

For over 3 decades we have been helping our clients make responsible machinery decisions on the bedrock of two simple values – **Honesty & Integrity**. This has helped us gain the trust of our customers worldwide and has helped us build long term relationships.

## UNIQUE BUSINESS MODEL

We have a unique business model of family ownership and professional management. Globally such companies deliver longevity and durable results as their decision making is quick and practical, countering the delays associated with hierarchy management made decisions.

The Vishva team believes and implements a 3s approach

## 'OUR 3S APPROACH'

### SKILL

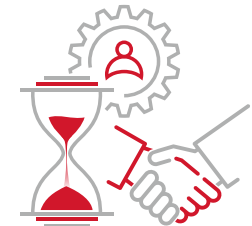
We aim to use our experience and expertise to provide effective machinery solutions

### SERVICE

Effective and prompt after sales service for maximizing your output

### SPEED

High speed machinery to maximize your production



## TEAM AND INFRASTRUCTURE

Vishva was started by Mr. Udaoy Shah who has over 30 years of experience in the plastics converting industry. Along with him is Mr. Jiignesh Patel, the Technical Director, who has over 28 years of rich engineering experience. Supporting them is a team of able and experienced engineers.





## **RANGE OF BAG MAKERS AND POUCH MAKERS**

---

### **SIDE SEAL FAMILY**

High Speed Side Seal Bag maker  
Side Seal Machine for 25mm bags  
E-Commerce / Mailer / Security Side Seal Bag maker  
Zipper Side Seal Bag maker  
Wicketeer Side Seal Bag maker

### **BOTTOM SEAL FAMILY**

High Speed Flying Knife Bottom Seal Bag maker  
Flying Knife Bottom Seal Bag maker  
Flying Knife Bottom Seal Bag maker with Spine Seal

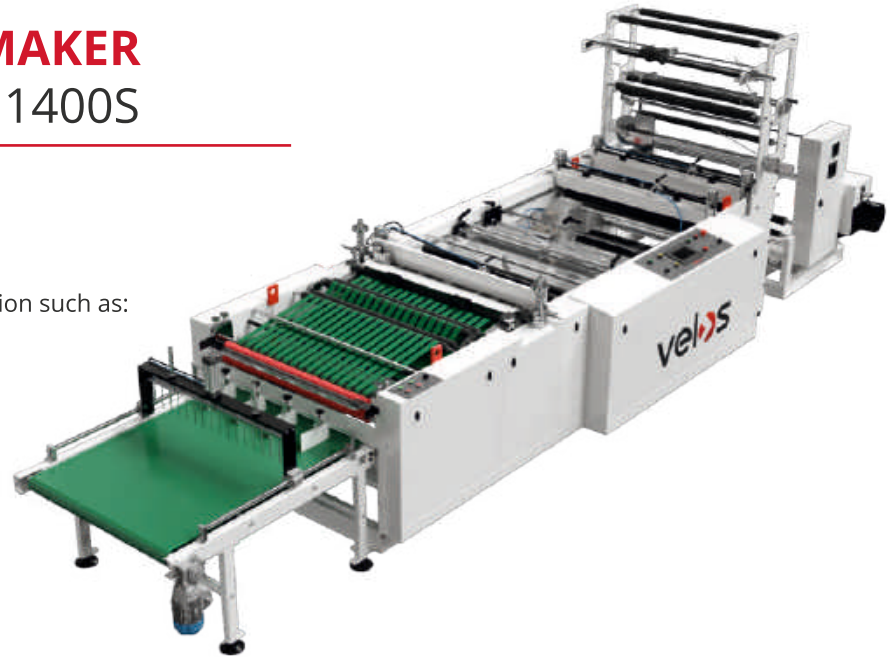
### **POUCH MAKING FAMILY**

Fin and Lap Seal Pouch maker  
Center Seal- Three Side Seal Pouch maker  
Specialized Three Side Seal Pouch maker  
Standup/ Doypack Pouch making System

# HIGH SPEED SIDE SEAL BAGMAKER

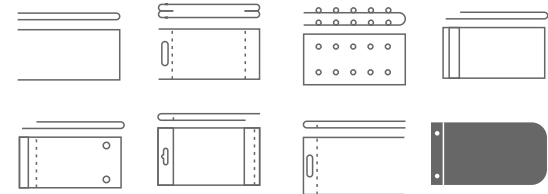
## VELOS 780S / 1040S / 1230S / 1400S

- ▶ This is a highly versatile and can convert various jobs.
- ▶ Materials that can run on the machine  
CPP, BOPP, LDPE, LLDPE, HDPE, Bio-Degradable Films
- ▶ Various optional attachments for a multipurpose application such as:
  - Film Folding Device
  - Lip Formation
  - Bottom Gusset
  - Various punches including Wicket Punches
  - Ultrasonic Knurling
  - Auto Stacker
  - Edge Guide System
  - Manual Powder Brake
  - Pre Sealer
  - Header Sealer



MODEL	VELOS 780S	VELOS 1040S	VELOS 1230S	VELOS 1400S
Bag Length (mm)	200 - 750	300 - 950	300 - 1150	400 - 1350
Bag Width (mm)	100 - 600	100 - 700	100 - 700	150 - 1000
Speed (Cycles/Min)	300	220	170	150
Thickness (Microns)	20 - 80	20 - 80	20 - 80	20 - 80
Connected Load Basic M/C (Kw)	9	11	13	15
Air Supply (Ltr/Min)	600	600	700	800

### BAG TYPES



# SIDE SEAL MACHINE FOR 25MM BAGS

## VELOS 550S

- ▶ This machine can convert film into small 25 mm bags.
- ▶ Materials that can run on the machine  
CPP, BOPP, LDPE, LLDPE, HDPE.



### MODEL

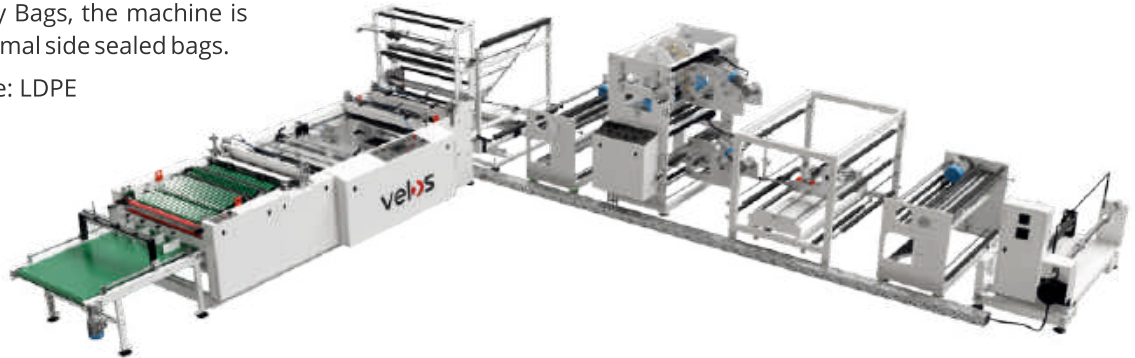
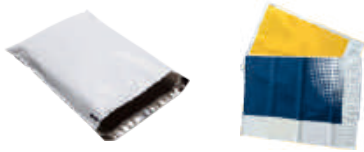
### VELOS 550S

Bag Length (mm)	25 - 550
Bag Width (mm)	100 - 550
Speed (cycles/min)	350
Thickness (microns)	20 - 80
Connected Load Basic M/C (Kw)	7.5
Air Supply (Ltr/Min)	500

# E-COMMERCE / MAILER / SECURITY BAGMAKER

## VELOS 840SC

- ▶ This machine is designed to make bags for the E-Commerce and Delivery industry. The machine is equipped to also make bags with high accuracy for security sensitive industries such as Banking, Examination Centers.  
Along with E- Commerce and Security Bags, the machine is also capable in converting film into normal side sealed bags.
- ▶ Materials that can run on the machine: LDPE

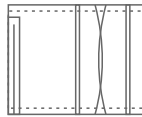


### MODEL

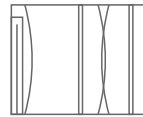
### VELOS 840SC

Bag Length (mm)	250 - 750
Bag Width (mm)	100 - 600
Speed (cycles/min)	180
Thickness (microns)	40 - 100
Connected Load Basic M/C (Kw)	10
Air Supply ( Ltr/Min)	500

### BAG TYPES



Security Seal Bag



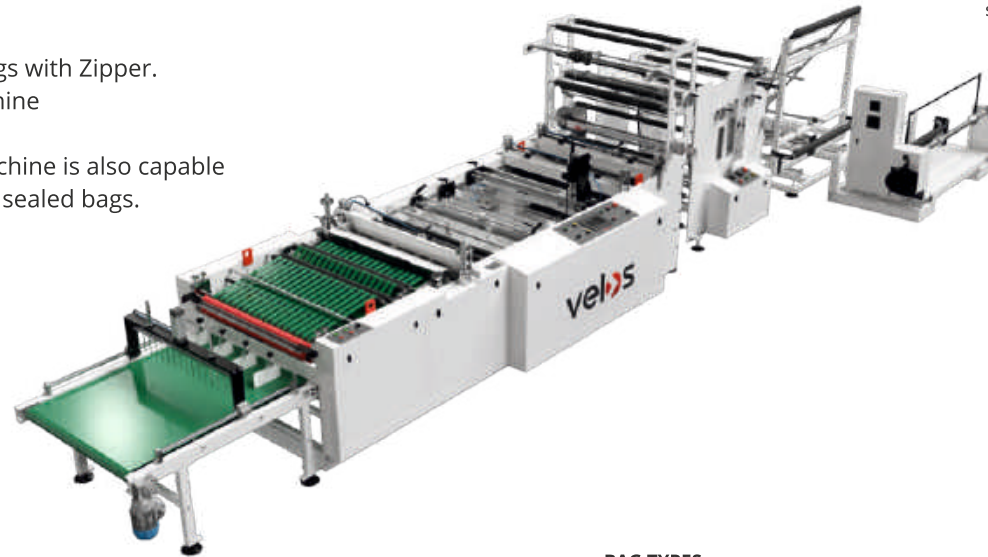
DH/E-Commerce Bag



# ZIPPER SIDE SEAL BAG MAKER

## VELOS 810SZL

- ▶ Specialized machine to convert Bags with Zipper.
- ▶ Materials that can run on the machine  
LDPE, HDPE, BOPP, PP.
- ▶ Along with the Zipper bags the machine is also capable  
in converting film into normal side sealed bags.

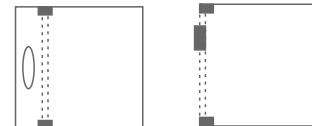


### MODEL

### VELOS 810SZL

Bag Length (mm)	200 - 750
Bag Width (mm)	75 - 600
Speed (cycles/min)	150
Thickness (microns)	50 - 100
Connected Load Basic M/C (KW)	13
Air Supply (Ltr/min)	600

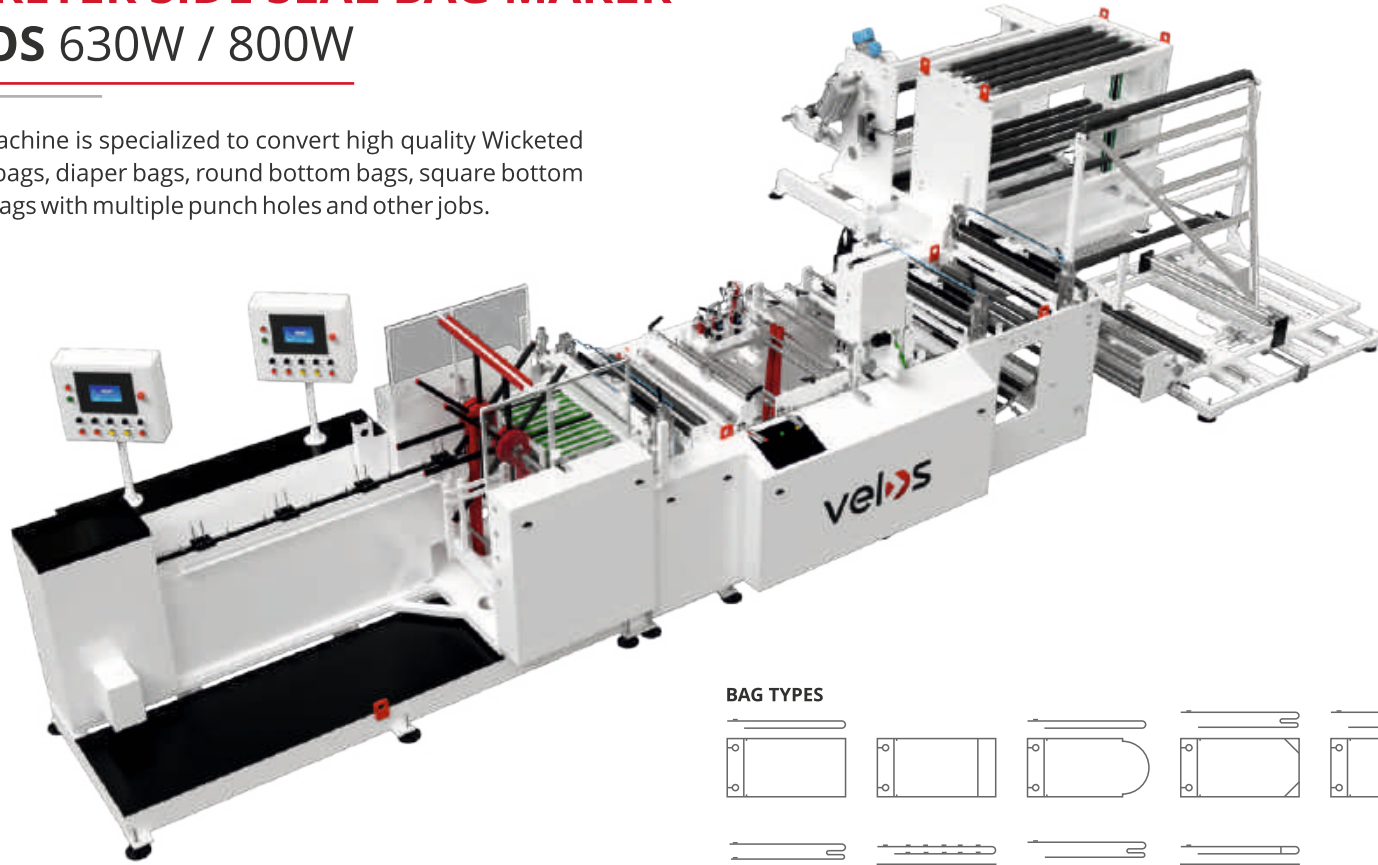
### BAG TYPES



# WICKETER SIDE SEAL BAG MAKER

## VELOS 630W / 800W

- ▶ This machine is specialized to convert high quality Wicketed bread bags, diaper bags, round bottom bags, square bottom bags, bags with multiple punch holes and other jobs.



## FEATURES OF THE MACHINE

### ▶ SERVOS ON THE MACHINE

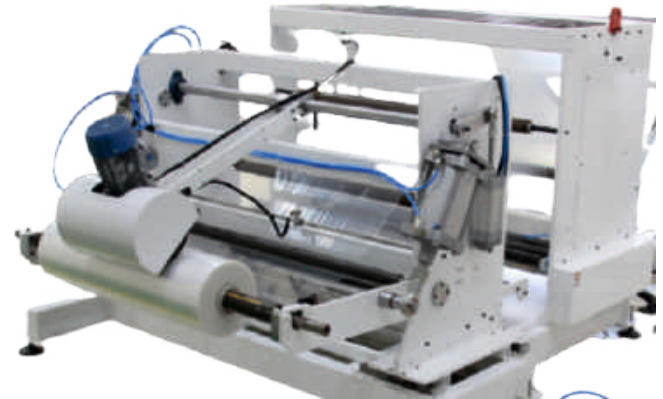
- Tail Feed
- Main Index Draw Roller
- Sealing bar
- Windmill arms
- Pin stacker

### ▶ UNWINDER

- Roll Width up to 1500mm can be used.
- Roll Diameter up to 1000mm respectively can be used.
- Upto 350kg weight can be handled.
- Operator Friendly Ground pick up facility for feeding the rolls on the machine.
- Auto machine stop when the film exhausts.
- Electronic EPC (Edge Position System) to maintain the film centrality on the machine.
- Motorized unwinder system to control and maintain the film tension on the unwinder.
- Pneumatically controlled Linear Dancer.
- Air Shaft.

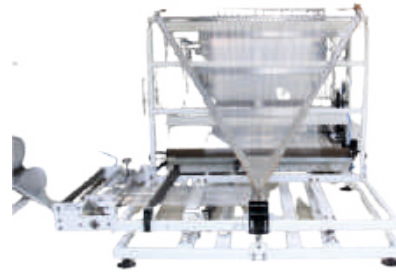
### ▶ EPC'S ON THE MACHINE.

- Unwinder
- Film folding device
- Wicket punches
- Pin stacker



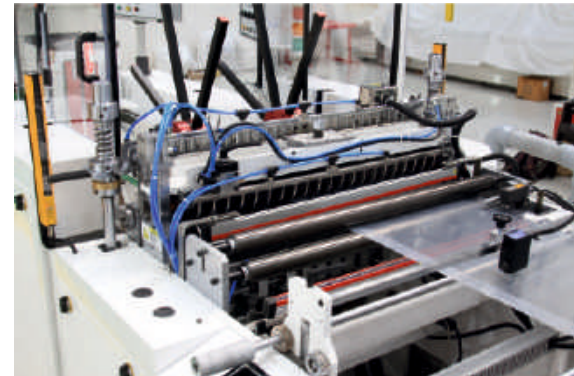
## ▶ **FILM FOLDING DEVICE**

- Elevated film folding device for efficient space management.
- Folding triangle (Film folding Unit) 1200mm/1500mm with EPC for precise edge control.
- Bottom gusset attached to the FFD to achieve high accuracy.
- Various Manual and Motorized functions for adjustments and the setting of the FFD.



## ▶ **SEALING SECTION**

- Comes equipped with Side Seal Jaws for running of different materials
- Servo Driven Sealing Bar (Dwell time) for better control on sealing time.
- High density cartridge heaters for the main blade for quick heating and to maintain a set heating value during high-speed runs.
- An Efficient and Easy blade setting design for the operator for blade setting as per jobs.
- 6 mm diameter Air finger with a Flow Control Facility for smooth the feed of the film.
- Silicon sealing roller with auto rotating system, to maximise the life of the Teflon and Silicon.



## ▶ **PIN STACKER**

- Servo driven Pin stacker.
- EPC for auto positioning of the stacker.

MODEL	VELOS 630W	VELOS 800W
Web Width Max Before Fold	1250	1500
Web Width Min Before Fold	410	410
Bag Width Max	400	400
Bag Width Min	150	150
Bag Length Max	600	750
Bag Length Min	200	200
Gusset Depth Max	75	75
Gusset Depth Min	25	25
Speed (Cycles/Min)	300	250
Vaccum Arms	16"(410)/ 24" (600)	16"(410)/ 24"(600)
Pin Stacker	3 + 1	3 + 1
Connected Load Basic M/C (KW)	28 KW	30 KW

FILM PROCESSING DATA (Microns)	Max/Min	Max/Min
HDPE	50/20	50/20
LDPE / LLDPE	60/25	60/25
CPP	60/25	60/25
Max Film Diameter on Unwind	1000mm diameter	1000mm diameter

TECHNICAL DATA	
Unwinder	2 HP AC
Edge Guide on Unwinder	Electronically Controlled
Secondary Edge Guide on FFD	Electronically Controlled
Dancer	Pneumatic

MAIN MACHINE	
Nip Drive	AC Motor
Tail Feed	Servo Feed
Dancer	Pneumatic
Wicket Hole	Pneumatic with EPC
Film Index Drive	Servo Drive
Cranking (Dwell Time)	Servo Drive

WINDMILL, CONVEYOR AND STACKER	
Conveyor Drive	AC Motor
Windmill Arms	Servo Drive
Pin Stacker	Servo Drive and EPC

# MULTI SERVO FLYING KNIFE BOTTOM SEAL BAGMAKER

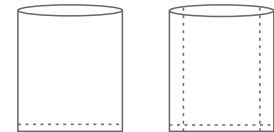
## VELOS 1250FB / 1430FB

- ▶ This VELOS Flying Knife machine Bottom Seal Machine is a specially designed Bottom Seal Bag Maker with Multiple Servos for achieving high speeds and accuracy.
- ▶ Materials that can run on the machine  
LDPE, HDPE, PP
- ▶ Optional Attachments
  - Ground Pickup
  - Punch Bank
  - Handle Punch
  - Slit Seal
  - Post Gusseting
  - Four Finger Hole Punch
  - K Sealer/ Cross Sealer



MODEL	VELOS 1250FB	VELOS 1430FB
Bag Width (mm)	400 - 1150	400 - 1400
Bag Length (mm)	200 - 2500	200 - 3000
Speed (cycles/min)	140	130
Thickness (microns)	20 - 250	20 - 250
Connected Load Basic M/C (KW)	12	14
Air Supply (Ltr/Min)	1200	1200

### BAG TYPES



# FLYING KNIFE BOTTOM SEAL BAGMAKER

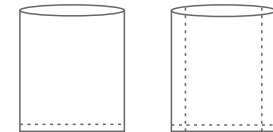
## VELOS 1250FB / 1430FB

- ▶ Optional Attachments
  - Ground Pickup
  - Punch Bank
  - Handle Punch
  - Slit Seal
  - Post Gusseting
  - Four Finger Hole Punch
  - K Sealer / Cross Sealer



MODEL	VELOS 1250FB	VELOS 1430FB
Bag Width (mm)	400 - 1150	400 - 1400
Bag Length (mm)	300 - 2500	300 - 3000
Speed (cycles/min)	110	90
Thickness (microns)	20 - 250	20 - 250
Connected Load Basic Machine (KW)	11	13
Air Supply (Ltr/Min)	1200	1200

### BAG TYPES



# FLYING KNIFE BOTTOM SEAL BAGMAKER WITH SPINE SEAL

## VELOS 1250FB

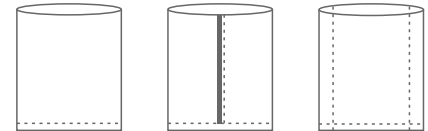
- ▶ This machine is specially designed to convert Heavy Duty Bags from a Sheet form to a Bag form to fill Pet Food, Rice, Grains, Sugar and other applications.



**SPINE SEAL ATTACHMENT**

<b>MODEL</b>	<b>VELOS 1250FB</b>
Bag Width (mm)	400 - 1150
Bag Length (mm)	300 - 2500
Speed (cycles/min)	60
Thickness (microns)	20 - 250
Connected Load Basic M/C (KW)	14
Air Supply (Ltr/Min)	1200

**BAG TYPES**



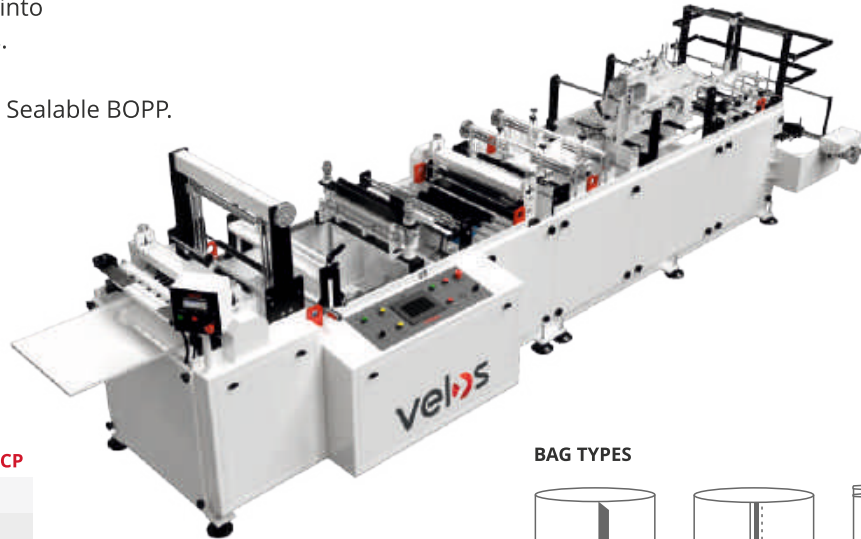


# FIN AND LAP SEAL POUCHMAKER

## VELOS 403CP / 415CP - Compact

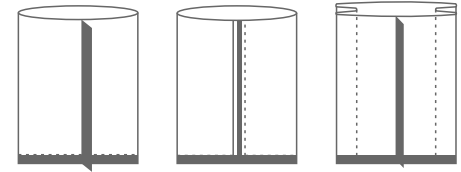
### 250 STROKES

- ▶ This machine is designed to efficiently convert film into Fin and Lap sealed pouches for various applications.
- ▶ Materials that can run on the machine  
Laminates of Polyester/ METPET/ CPP/ BOPP, Heat Sealable BOPP.
- ▶ Various optional attachments available.



MODEL	VELOS 403CP	VELOS 415CP
Bag Width (mm)	75 - 400	75 - 400
Bag Length (mm)	25 - 500	25 - 500
Speed (cycles/min)	250	200
Thickness (microns)	25 - 80	25 - 80
Connected Load Basic M/C (KW)	10	12
Air Supply (Ltr/Min)	250	250

#### BAG TYPES



# CENTER SEAL AND THREE SIDE SEAL POUCH MAKER

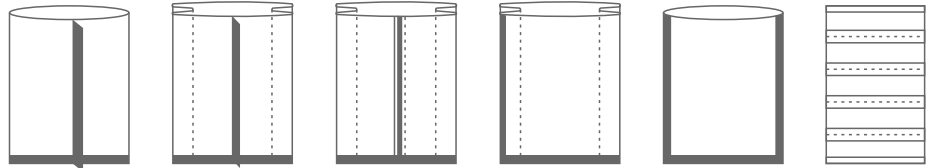
## VELOS 415CP - TSP - Combi

- ▶ This versatile machine is designed to manufacture a range of pouches such as: Fin and Lap Seal Pouches, Three Side Seal Pouches, 5 Side Seal Pouches, Center Seal with Gusset
- ▶ Materials that can run on the machine  
Laminates of Polyester / METPET / CPP / BOPP,  
Heat Sealable BOPP, LDPE Recyclable Film.
- ▶ Optional - LDPE Recyclable Film.



MODEL	VELOS 415CP-TSP
Bag Width (mm)	75 - 400
Bag Length (mm)	25 - 500
Speed (cycles/min)	200
Thickness (microns)	50 - 150
Connected Load Basic M/C (KW)	14
Air Supply (Ltr/Min)	300

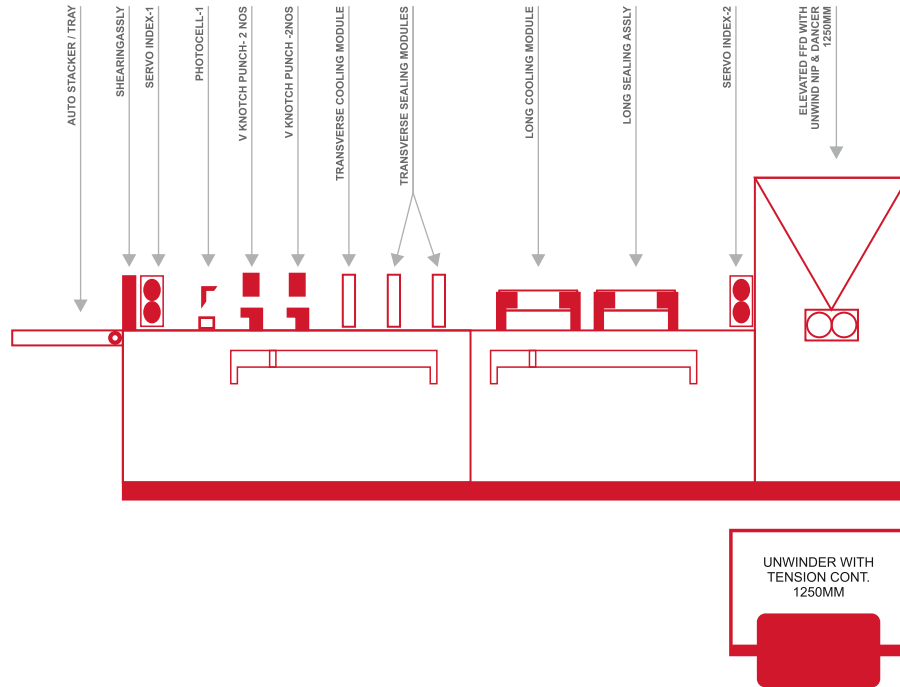
### BAG TYPES



# SPECIALIZED THREE SIDE SEAL POUCHMAKER

## VELOS 601TSP

- ▶ This machine is specialized Three Side Seal Pouch maker. It can run from 1 lane to 4 lanes.

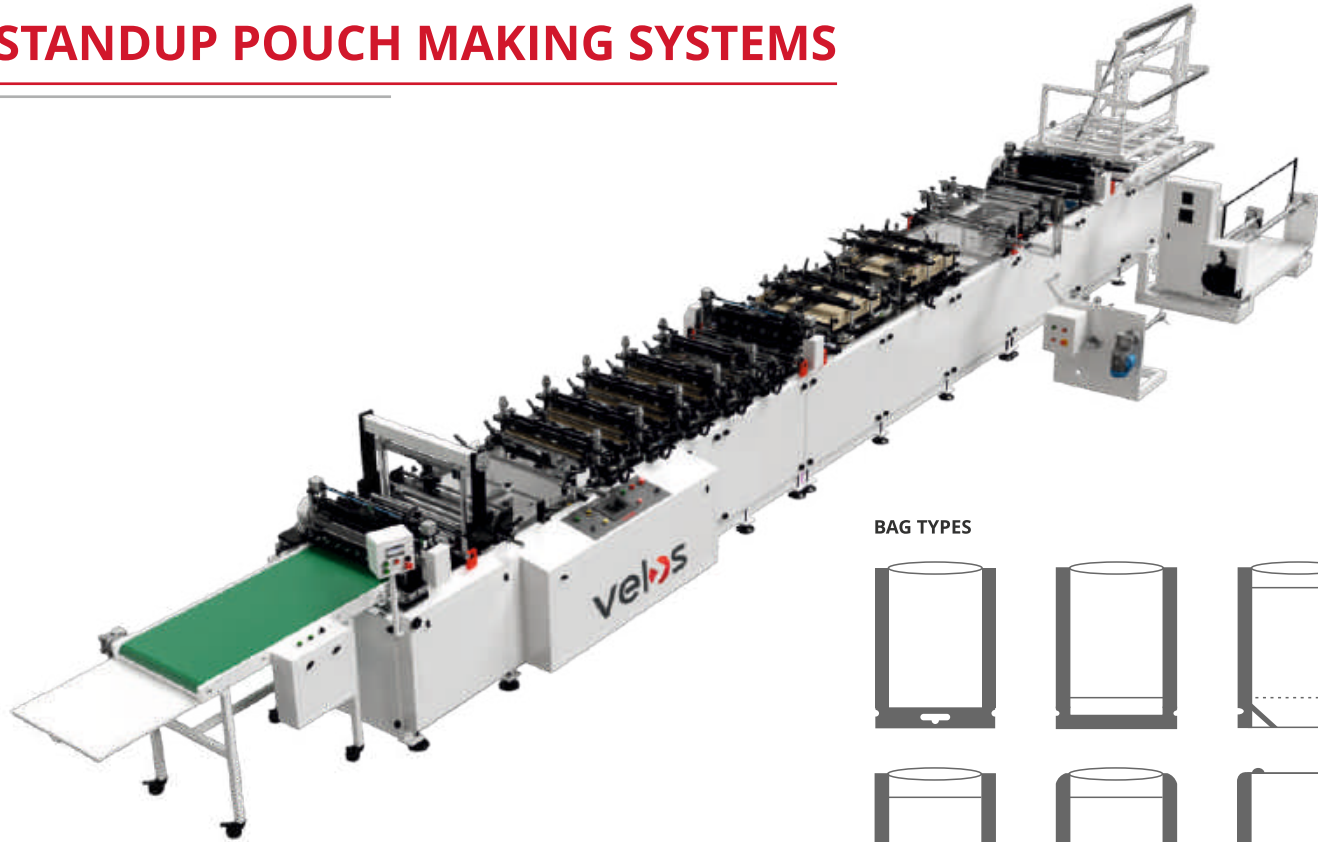


### MODEL

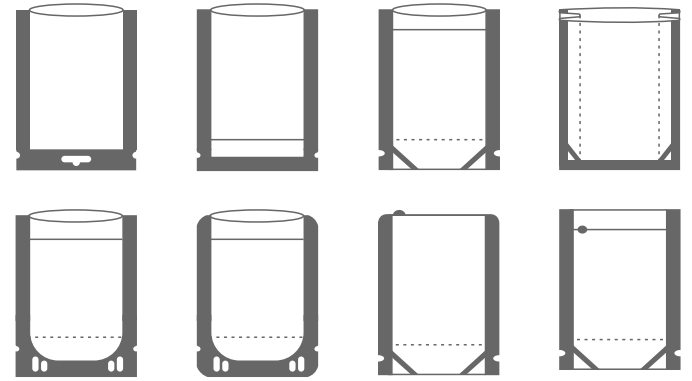
### VELOS 601 TSP

Bag Width (mm)	75 - 600
Bag Length (mm)	50 - 500
Speed (cycles/min)	150
Thickness (microns)	40 - 150
Connected Load Basic M/C (KW)	12
Air Supply (Ltr/Min)	300

# STANDUP POUCH MAKING SYSTEMS



BAG TYPES



- ▶ VELOS Standup/ Doypack Pouch maker is versatile and can run various materials.
- ▶ This machine can make pouches with single film, double film as well as triple film with the third being inserted as the gusset.
- ▶ Materials that can run on the machine : PET+PE, PET+ALU+PE, METPET+PE, PAPER+PET+PE, PA+PE, PE+PA+PE.
- ▶ Various Attachments  
Bottom Gusset, Third Film Insert Unit, Punches, Zip Insertion Assembly, Pre tearing device and more.

#### PRODUCT SIZE RANGE

Three Side Seal pouch	1 to 2 Lane Operations 100mm to 600mm (W) x 100mm to 600mm (H)
Three Side Seal Pouch with Zipper	1 to 2 Lane Operations 100mm to 600mm (W) x 100mm to 600mm (H)
Standup Pouch	1 to 2 Lane Operations 150mm to 600mm (H) x 80mm to 400mm (W) x 50mm x 160mm (Open Gusset) Max
Standup Pouch with Zipper	1 to 2 Lane Operations 150mm to 600mm (H) x 80mm to 400mm (W) x 50mm x 160mm (Open Gusset) Max
5 Side Seal with Side Gusset Pouch	Single Lane Operation 150mm to 600mm (H) x 80mm to 400mm (W) x 50mm x 160mm (Open Gusset) Max
Vacuum Pouches	1 to 2 Lane Operations 100mm to 600mm (W) x 100mm to 600mm (H); 800mm (H) with Skip Function

#### OPERATIONAL CONFIGURATION

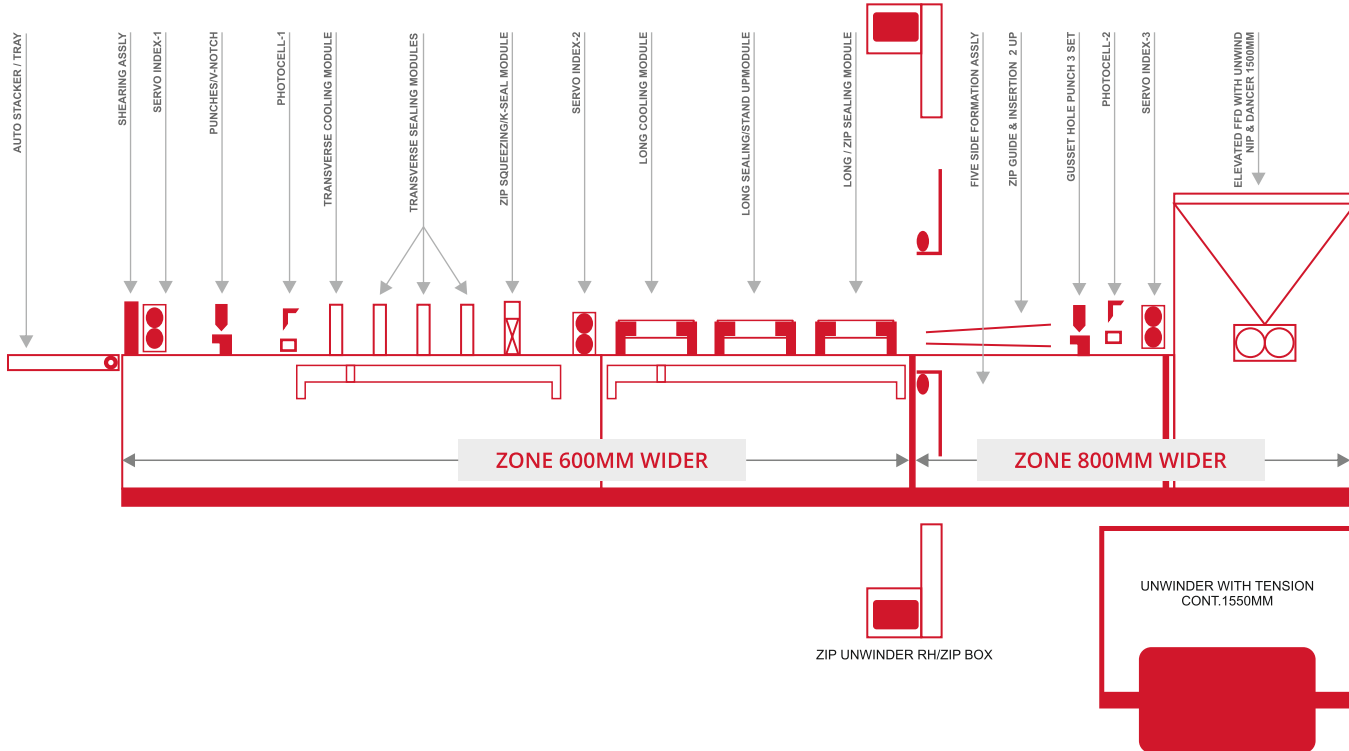
Maximum Operating Web Diameter	600mm
Maximum Cutting Length	600mm x 1 skip for longer pouches upto 800mm
Minimum Cutting Length	50mm
Maximum Primary Unwinder Roll Width	1200mm
Minimum Primary Unwinder Roll Width	300mm
Film Thickness Range	40 micron- 150 micron

#### BUYERS SCOPE

Compressed Air	30 CFM @ 6 Bar
Chilled Water	6 to 8 litres/min at 2 Bar @ 12C to 18C
Electric Power Supply	AC/3-Phase/415 V/50Hz
Connected Load Basic M/C (Kw)	24Kw
Earthing Connections	One for Panel and One for Machine Body

# VELOS 601 SP 3 SERVO DRIVEN

## SPEED - 150 STROKES



## FEATURES OF THE MACHINE

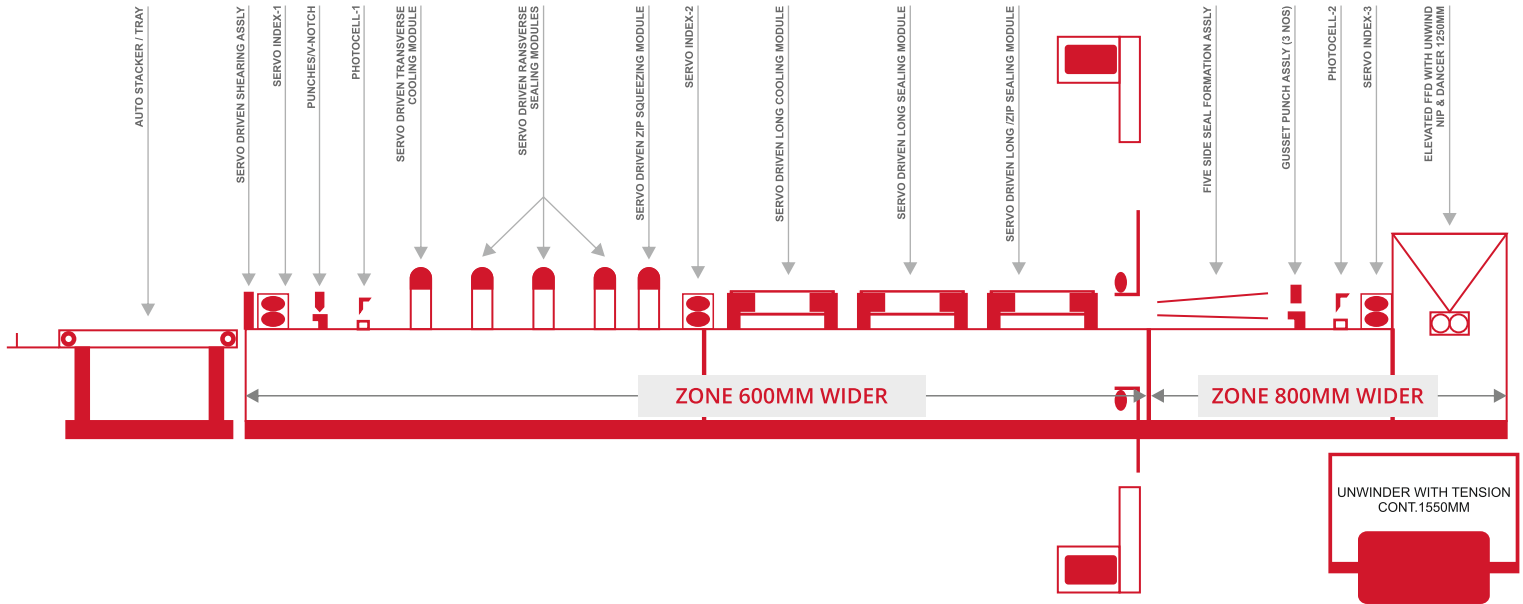
---

- 3 Index Servo Motors with 2 Sealing Zones for better control of film tension.
- Elevated Film Folding Device to achieve wrinkle free folding of Nylon, Heavy Micron ALLUFOIL/ Paper Film.
- 3 Transverse Sealing Station and one Cooling Station to get perfect sealing in higher micron films.
- 1 Zip Squeezing Module with LH and RH Station- Can set in Transverse Direction while the machine running.
- All long seal and transverse seal stations are also very easy to set in Transverse Direction during job setting.
- Shearing Assembly also adjustable in machine direction to precisely set cutting and for a quick job setting also while the machine is running.
- Long Sealing Station length is 600mm to get perfect sealing for upto 300mm Standup pouches.
- Long Cooling Station is 600mm long to achieve the perfect appearance for the Standup Pouch.

# VELOS 601 SP+ FULLY SERVO DRIVEN

► This model is driven by 12 Servos.

**SPEED - 200 STROKES**





## FEATURES OF THE MACHINE

---

- 3 Index Servo Motors with 2 sealing zones for better control of film tension.
- Elevated Film Folding Device to get wrinkle free folding of Nylon, Heavy Micron Alufoil/ Paper Film.
- 3 Servo Driven Transverse Sealing Station and one Cooling Station to get perfect sealing in higher micron films. PLC controlled Seal Time and Pressure Control Capability.
- Servo Driven Zip Squeezing Module with LH and RH station- Can set in transverse direction while machine is running. PLC controlled Seal Time and Pressure Control Capability.
- Servo Driven Transverse and Longitudinal sealing Stations to get consistent sealing pressure and precise sealing time for stronger and accurate sealing.
- All Long Seal and Transverse Seal stations are very easy to set in Transverse direction during job setting.
- Shearing Assembly also adjustable in machine direction for precise cutting and fast job setting. This is also possible while the machine is operating.
- Long Sealing station is 600mm long to get precise sealing in also 300mm long Standup Pouches.
- The Shear Cutting and all Sealing Stations are servo driven with skip function for long pouch up to 1000mm.
- The Long Cooling Station is 600mm long to get perfect appearance for Vacuum Bags and Standup Pouches.

# VISHVA Means the “World”



Our Global Presence in  
**42+ Countries**



A 18 - 21, Swastik Industrial Estate  
Near Kuha Village, Ahmedabad Indore Highway  
Kuha, Ahmedabad-382433, India

+91 97122 12252    +91 79 2970 4042  
marketing@vishvaexim.com, shannshah@vishvaexim.com  
www.vishvaexim.com