



# SOLUTION-PACK

Integrated Packaging Solutions

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Packaging Machines | Packaging Systems | Packaging Solutions

Tea & Coffee

Food

Chemical

Animal Feed

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## WELCOME TO SOLUTION-PACK

Leading integrated flexible & industrial packaging machine solution manufacturer from China. Focus on providing mature & stable packaging solutions to improve production efficiency.



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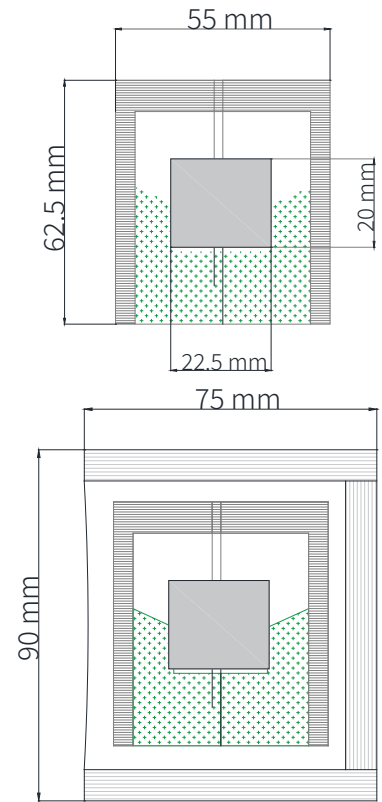
## WHAT WE OFFER



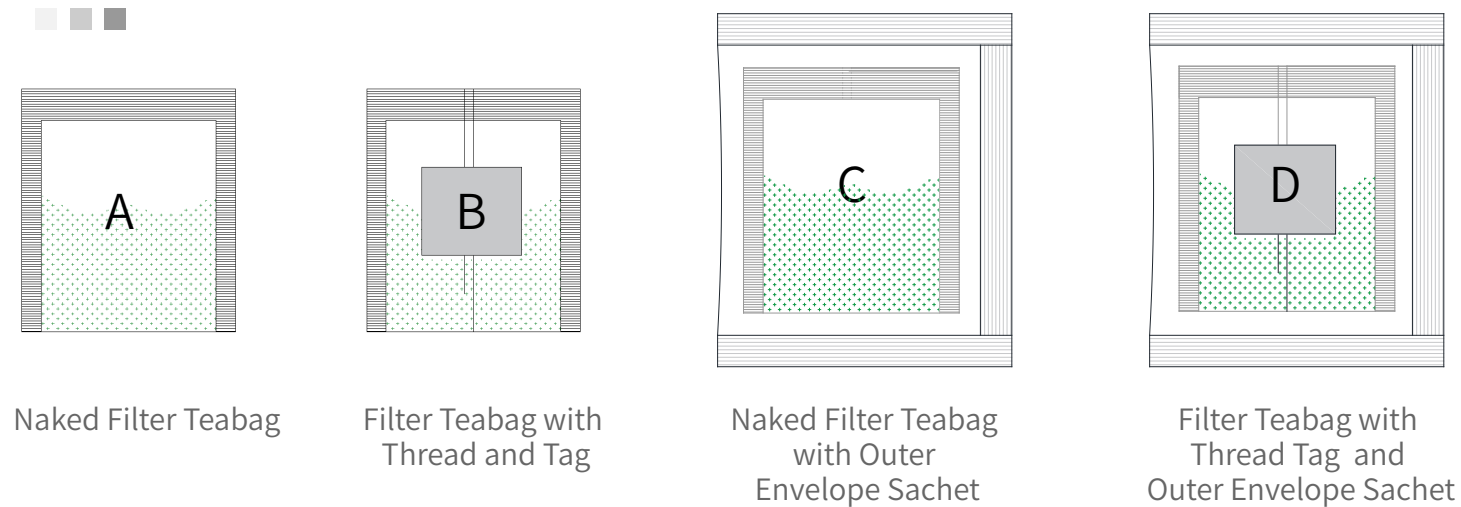




Machine Model:	ATB-S1
Teabag Type:	(A) (B) (C) (D)
Dosing Type:	Volumetric Cup Dosing System
Dosing Volume:	Max. 8 ml (1.5 ~ 2.5g)
Packing Speed:	30 ~ 40 Bags/Minute
Filter Teabag Size:	L 55 mm / W 62.5 mm
Filter Roll Film Width:	125 mm
Cotton Thread Length:	155 mm
Tag Size:	20 x 22.5 mm (Heat Seal)   45 mm Coil Width
Outer Sachet Size:	L 90 mm / W 75 mm
Outer Film Width:	150 mm (Laminated Composite Film)
Power Supply:	AC220V 1P 50/60Hz 3.7Kw
Machine Size:	1580 x 670 x 1990 mm (For Reference)
Machine Weight:	N.W. 500kg   G.W. 600kg
Optional Function:	Auger Screw Doser (For Powder)

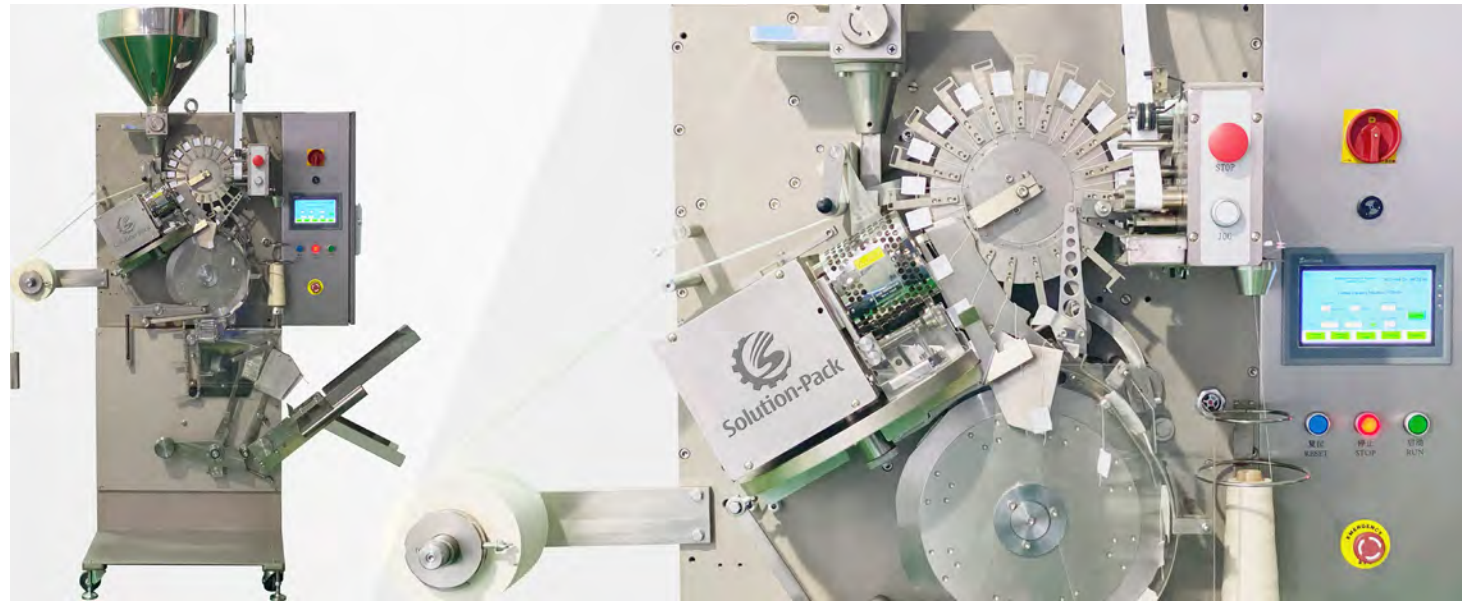


ATB - S1 automatic filter teabag packing machine unit is a start-up teabag packing machine model for packing filter paper teabag with or without thread and label, then re-pack into laminated foil sachet. This machine model is compact in size with intelligent HMI interface to operate easily and perform a stable running speed of 30 ~ 35 bags per minute. It could pack 20 ~ 60 meshes broken tea products or good fluidity granule materials like CTC Black Tea, Green Broken Tea, Crushed Herbal Tea, Medical Granules etc.



- Adopting intelligent Delta PLC control & HMI interface operation. The other electrical and pneumatic parts all adopt international famous brands;
- The whole machine frame and the material contacting parts all adopt food level stainless steel. The machine stand is equipped with universal wheels for easy movement;
- Compact in size with the inner filter tea bag system and the outer sachet system integrated together. Packaged as a whole machine unit to facilitate the user to install the machine easily and conveniently;
- The HMI offers standard double language operation interface (EN/CH). The mechanical as well as the pneumatic movement parts are covered with safety guard.





Machine Model:	ATB-S150
Teabag Type:	Filter Paper Teabag + Thread + Tag
Dosing Type:	Volumetric Cup Dosing System
Dosing Volume:	Max. 6 ml (1.5 ~ 2.3g)
Packing Speed:	140 Teabags/Minute (Heat-Seal Tag)
Filter Teabag Size:	L 50 mm / W 62.5 mm
Filter Roll Film Width:	125 mm (140 mm Option)
Cotton Thread Length:	210 mm
Tag Size:	24 x 26 mm (Heat Seal)/24 x 28 mm (Glue Seal)
Power Supply:	AC220V 1P 50/60Hz Around 1.6KW
Machine Size:	1700 x 900 x 2000 mm
Machine Weight:	N.W. 840KG   G.W. 1000KG
Optional Device:	Vacuum Elevator System

ATB - S150 automatic filter teabag packing machine unit is a premium teabag packing machine model for packing filter paper teabag with or without thread and label. This machine model is controlled by PLC with HMI display and could perform the packing speed of max. 140 tea bags per minute. It could pack 20~60 meshes (around 0.42 ~ 0.85 mm) broken tea products or good flowing features granule materials like CTC Black Tea, Green Broken Tea, Crushed Herbal Tea, Medical Granules etc.



CTC Tea



TBC Tea



Herbal Tea



Broken Green Tea

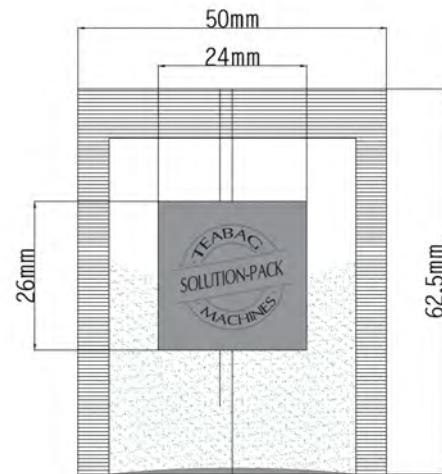
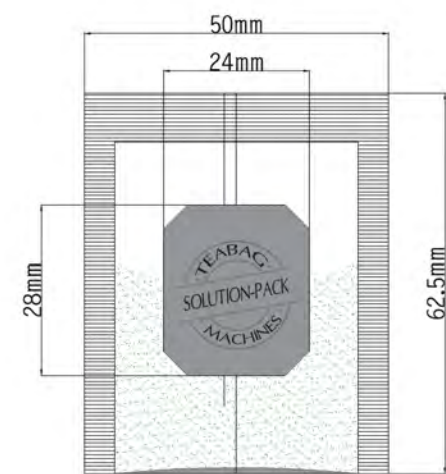


Moringa Tea



Medicine Tea

- Adopts fully electro-mechanical design style. The whole frame uses silver coated carbon steel frame and the material contacting parts made of food-level stainless steel to meet GMP and CE standards;
- The Panasonic PLC and Samkoon HMI display with EN/CH interface are equipped for easy operation;
- Advanced monitor and alarm system for jam teabag, shortage of materials, empty teabags, shortage of tag paper and thread, etc. Automatic failure shutdown system also applied for better production efficiency;
- Automatic grouping and manual boxing system is designed to facilitate the boxing process. The standard machine has four grouping modes as below: 10 tea bags/group, 25 / 50 / 100 tea bags/group, 20 / 40 tea bags/group, 30 / 60 tea bags.



**Heat-Seal Filter Paper Film**

- ≠ 125 mm width, 16.5 ~ 20 g/m2, single face heat sealing;
- ≠ Inner Coil Dia.: 75 mm
- ≠ Outer Coil Dia.: Max. 500 mm
- ≠ Produce 7500 Bags/KG

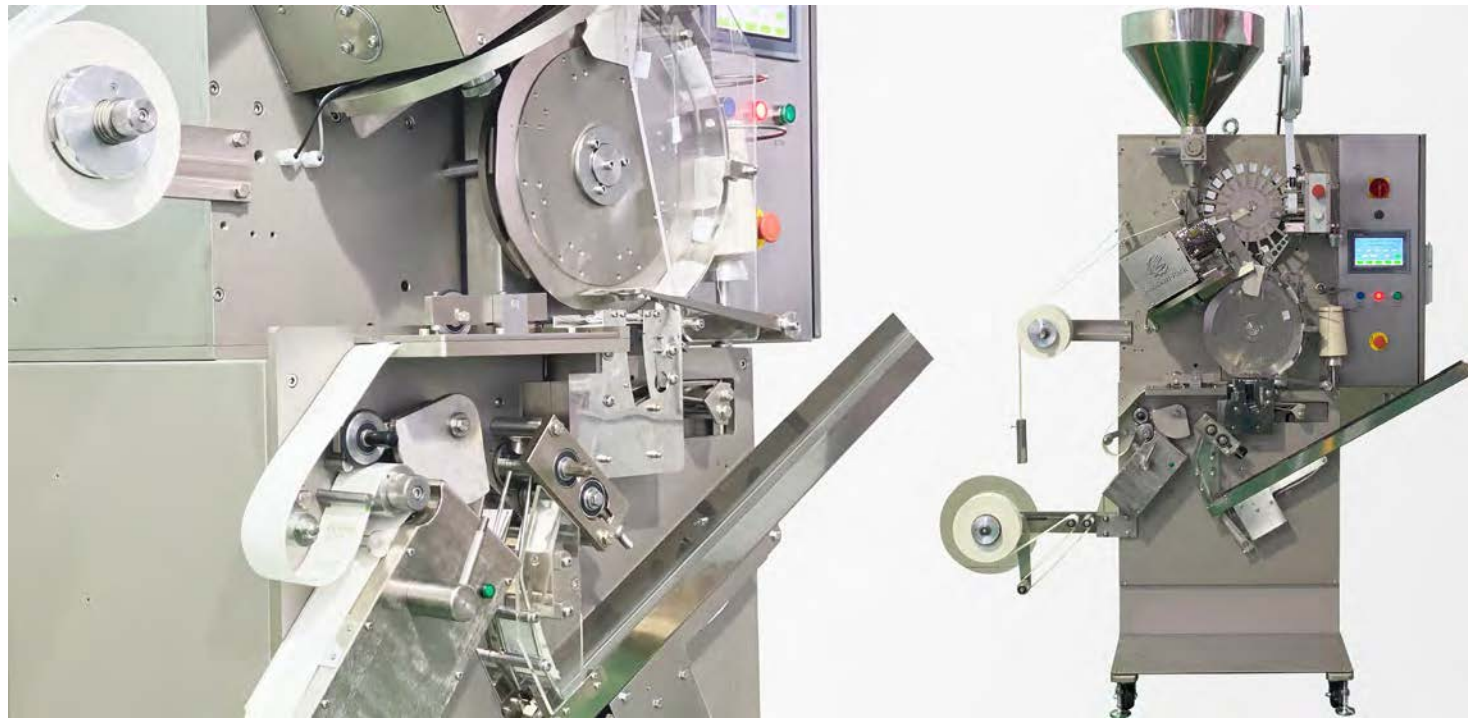
**Cotton Thread**

- ≠ Original cotton thread with 3 strands of No. 16 (21/4 in English system) thread wound into cone;
- ≠ Each spool length 4250 meters;
- ≠ Produce 20000 Bags/Spool

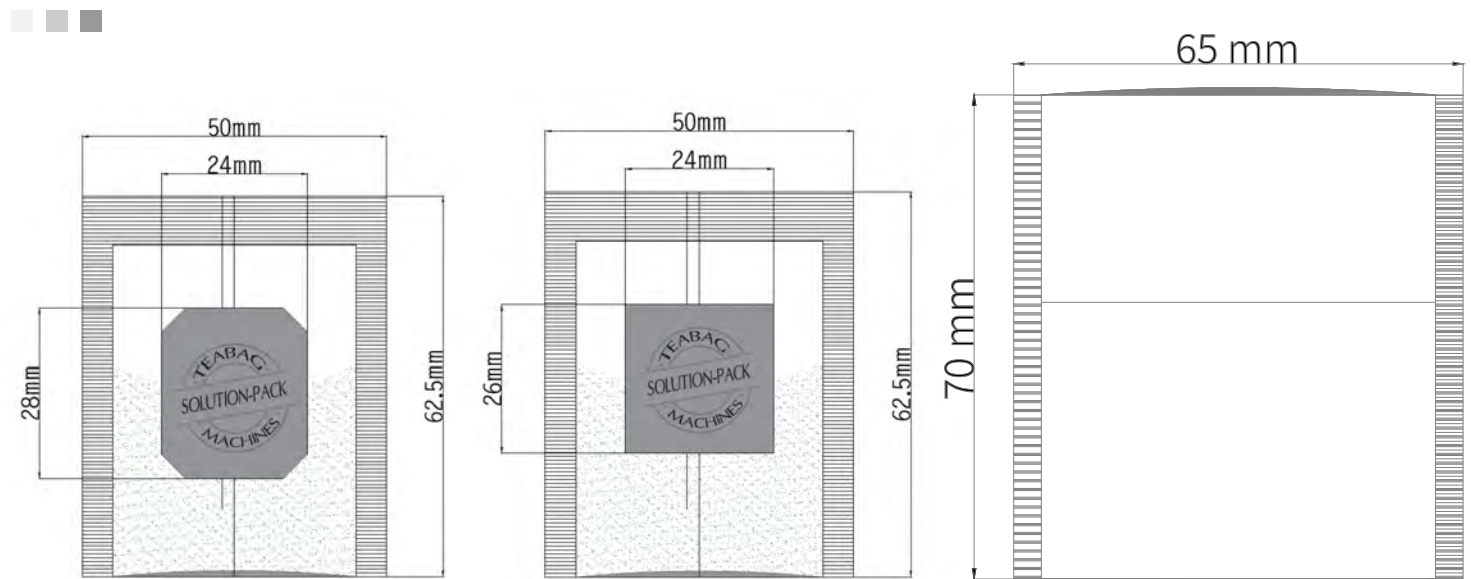
**Coated / Bleached Paper Tag**

- ≠ 70 g/m2, Food Industry;
- ≠ Notched bleached tag | glue seal | 28 mm
- ≠ Coated paper tag | heat seal | 26 mm
- ≠ Coil Dia.: 75 mm | Max. 280 mm
- ≠ Produce 10000 Teabags/KG (glue seal)

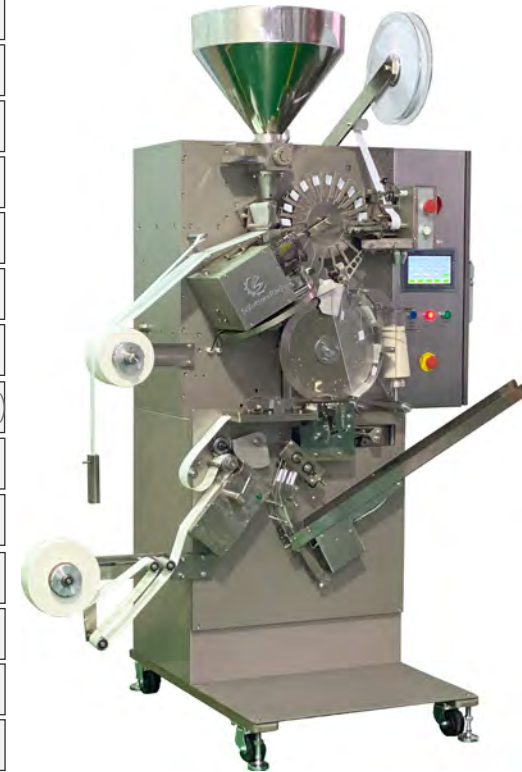




ATB - S130N automatic tea bag packing machine unit is a premium machine model for producing the paper-wrapped filter tea bag with thread & label. This machine model is controlled by PLC with HMI display and could perform the stable packing speed of 110 wrapped bags per minute. It could pack 20~60 meshes (around 0.42 ~ 0.85 mm) broken tea products or good flowing features granule materials like CTC Black Tea, Green Broken Tea, Crushed Herbal Tea, Medical Granules etc.



Machine Model:	ATB-S130N
Teabag Type:	Filter Teabag + Thread + Tag + Envelope
Dosing Type:	Volumetric Cup Dosing System
Dosing Volume:	Max. 6 ml (1.5 ~ 2.3g)
Packing Speed:	110 Teabags/Minute
Filter Teabag Size:	L 50 mm / W 62.5 mm
Filter Roll Film Width:	125 mm (140 mm Option)
Cotton Thread Length:	210 mm
Tag Size:	24 x 26 mm (Heat Seal)/24 x 28 mm (Glue Seal)
Outer Envelope Size:	L 70 mm / W 65 mm
Envelope Film Width:	65 mm
Power Supply:	AC220V 1P 50/60Hz Around 1.6KW
Machine Size:	1700 x 900 x 2000 mm
Machine Weight:	N.W. 900KG   G.W. 1050KG
Optional Device:	Vacuum Elevator System



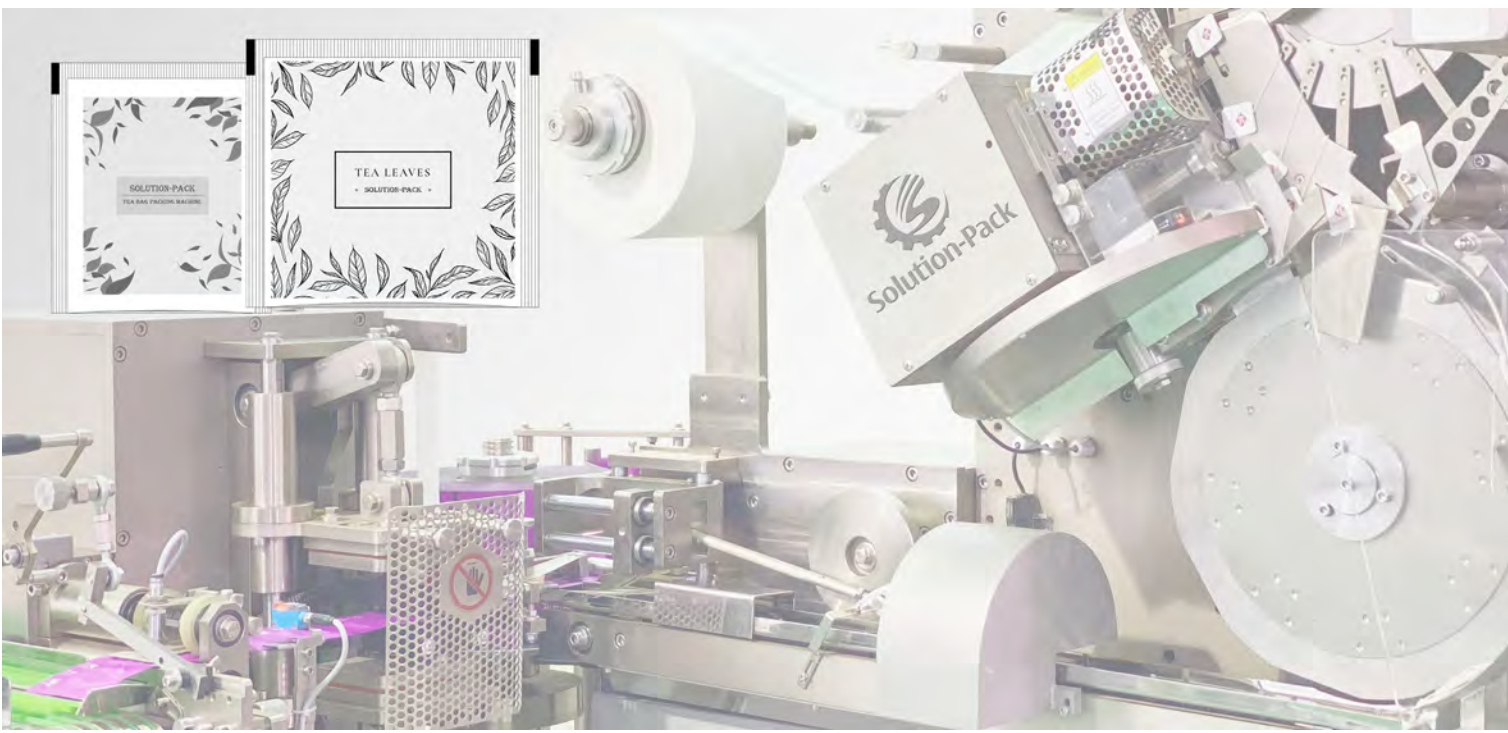
- Adopts fully electro-mechanical design style. The whole frame uses silver coated carbon steel frame and the material contacting parts made of food-level stainless steel to meet GMP and CE standards;
- The Panasonic PLC and Samkoon HMI display with EN/CH interface are equipped for easy operation;
- Advanced monitor and alarm system for jam teabag, shortage of materials, empty teabags, shortage of tag paper and thread, etc. Automatic failure shutdown system also applied for better production efficiency;
- The automatic counting and jump out system could group 10 bags (free to set) as a group to facilitate the manual grasping the bags into the box easily.

<p><b>Envelope Paper Film</b></p> <ul style="list-style-type: none"> <li>⊛ White paper 70 g/m<sup>2</sup></li> <li>⊛ One Side Smooth and Another Side Rough</li> <li>⊛ Could produce around 1300 bags per kg</li> </ul>	<p><b>Cotton Thread</b></p> <ul style="list-style-type: none"> <li>⊛ Original cotton thread with 3 strands of No. 16 (21/4 in English system) thread wound into cone;</li> <li>⊛ Each spool length 4250 meters;</li> <li>⊛ Produce 20000 Bags/Spool</li> </ul>	<p><b>Coated / Bleached Paper Tag</b></p> <ul style="list-style-type: none"> <li>⊛ 70 g/m<sup>2</sup>, Food Industry;</li> <li>⊛ Notched bleached tag   glue seal   28 mm</li> <li>⊛ Coated paper tag   heat seal   26 mm</li> <li>⊛ Coil Dia.: 75 mm   Max. 280 mm</li> <li>⊛ Produce 10000 Teabags/KG (glue seal)</li> </ul>	<p><b>Heat-Seal Filter Paper Film</b></p> <ul style="list-style-type: none"> <li>⊛ 125 mm width, 16.5 ~ 20 g/m<sup>2</sup>, single face heat sealing;</li> <li>⊛ Inner Coil Dia.: 75 mm</li> <li>⊛ Outer Coil Dia.: Max. 500 mm</li> <li>⊛ Produce 7500 Bags/KG</li> </ul>
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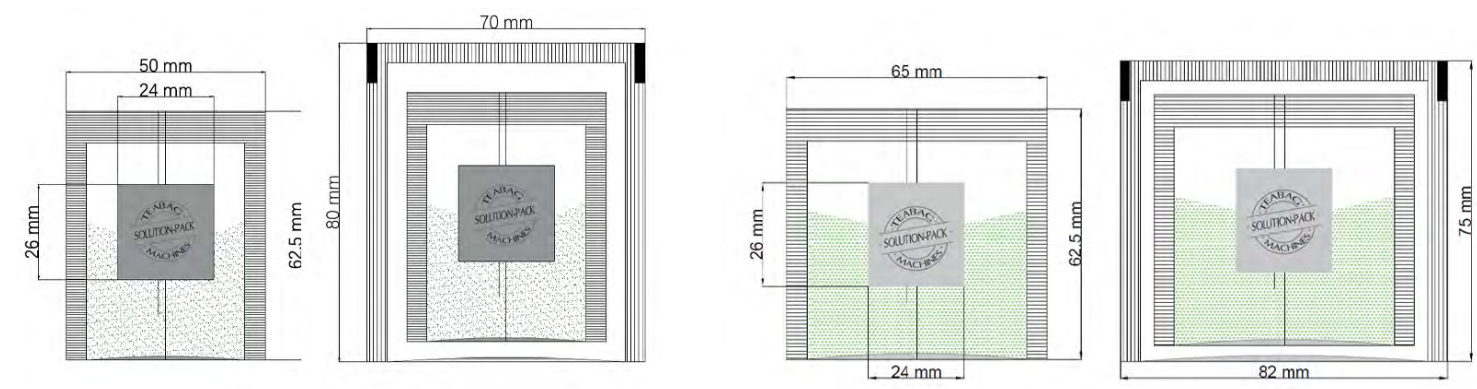




The ATB - C foil-enveloped filter tea bag packing machine unit is a combination of the inner filter teabag packaging system and the outer foil sachet packaging system. It is compact in size with intelligent HMI interface to operate easily and perform a stable running speed of 105 bags per minute. It could pack 20 ~ 60 meshes broken tea products or good flowing features granule materials like CTC Black Tea, Green Broken Tea, Crushed Herbal Tea, Medical Granules, etc.



Machine Model:	ATB-C6	ATB-C10
Teabag Type:	Filter Paper Teabag + Thread + Tag + Foil Envelope Sachet	
Dosing Type:	Volumetric Cup Dosing System	
Dosing Volume:	Max. 6 ml (1.5 ~ 2.3g)	Max. 10 ml (1.5 ~ 3.0g)
Packing Speed:	105 Sachets/Minute	
Filter Teabag Size:	L 50 mm / W 62.5 mm	L 65 mm / W 62.5 mm
Filter Roll Film Width:	125 mm (140 mm Option)	
Cotton Thread Length:	210 mm	
Tag Size:	24 x 26 mm (Heat Seal)   24 x 28 mm (Glue Seal)	
Outer Envelope Size:	L 70 mm / W 80 mm	L 82 mm / W 75 mm
Envelope Film Width:	160 mm (Composite Film)	150 mm (Composite Film)
Power Supply:	AC220V 1P 50/60Hz Around 3KW	
Machine Size:	2840 x 1250 x 2250 mm	
Machine Weight:	N.W. 1500KG   G.W. 1700KG	
Optional Device:	Vacuum Elevator System / Safety Door System	



**Heat-Seal Filter Paper Film**

- ⊗ 125 mm width, 16.5 ~ 20 g/m2, single face heat sealing;
- ⊗ Inner Coil Dia.: 75 mm
- ⊗ Outer Coil Dia.: Max. 500 mm
- ⊗ Produce 7500 Bags/KG (ATB-C6)
- ⊗ Produce 5750 Bags/KG (ATB-C10)

**Cotton Thread**

- ⊗ Original cotton thread with 3 strands of No. 16 (21/4 in English system) thread wound into cone;
- ⊗ Each spool length 4250 meters;
- ⊗ Produce 20000 Bags/Spool

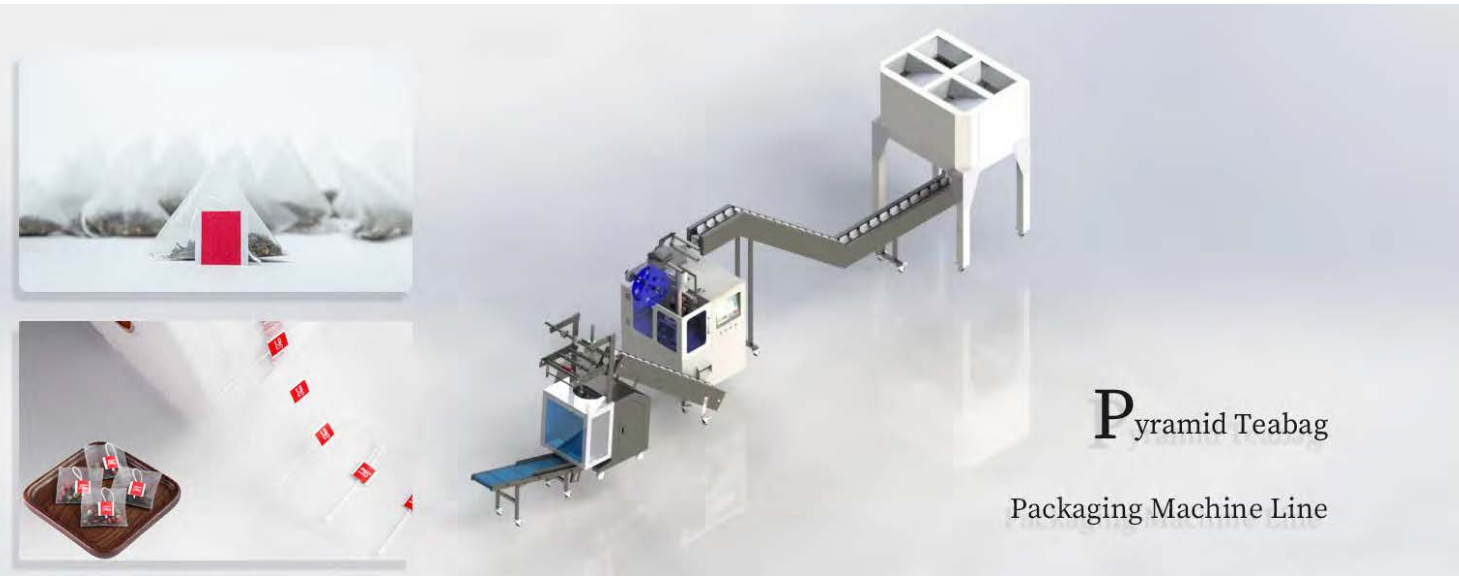
**Laminated Foil Sachet Film**

- ⊗ Different kinds of films and thickness shall influence the numbers. E.g.: OPP 20 + Pearl OPP 35 Laminated Film Could Roughly
- ⊗ Produce 2200 Sachets/KG (ATB-C6)
- ⊗ Produce 2000 Sachets/KG (ATB-C10)

**Coated / Bleached Paper Tag**

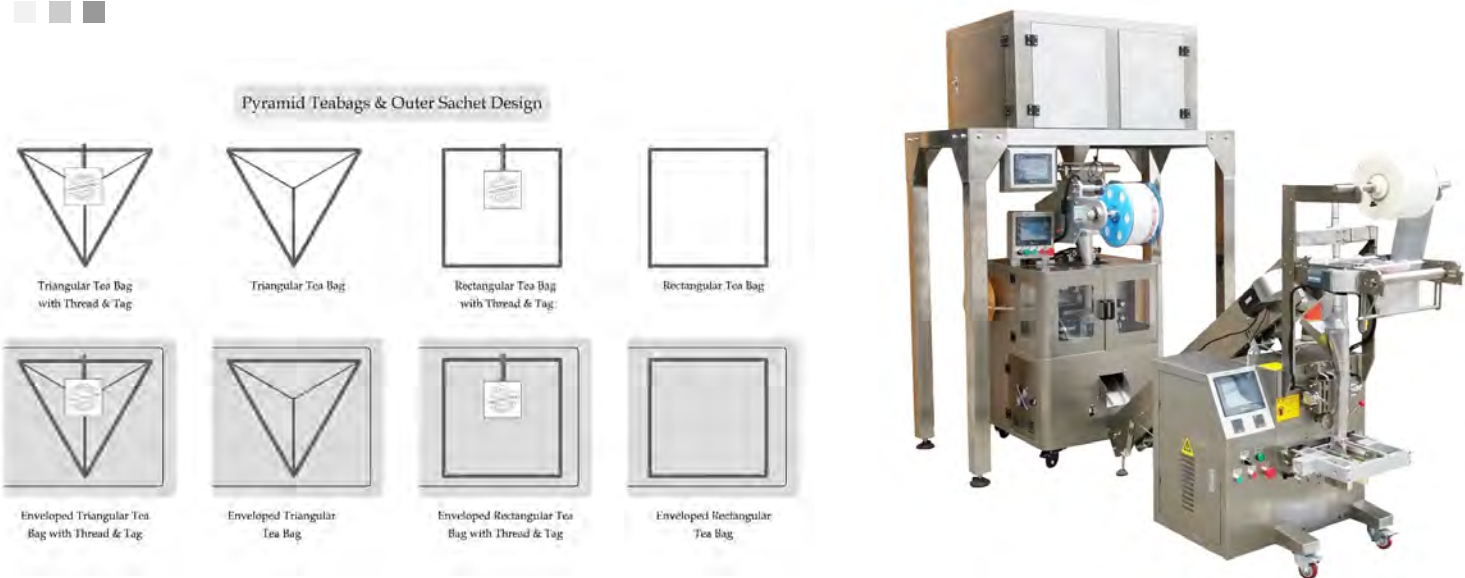
- ⊗ 70 g/m2, Food Industry;
- ⊗ Notched bleached tag | glue seal | 28 mm
- ⊗ Coated paper tag | heat seal | 26 mm
- ⊗ Coil Dia.: 75 mm | Max. 280 mm
- ⊗ Produce 10000 Teabags/KG (glue seal)



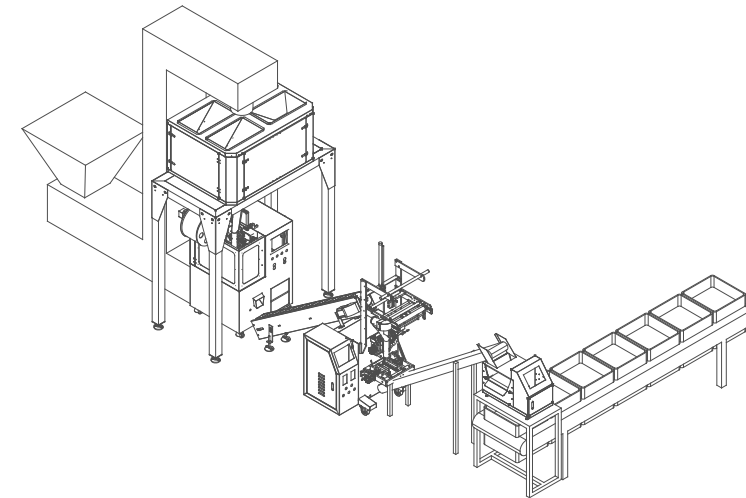


The ATB - PD35 automatic pyramid tea bag packing machine unit is a basic economic machine model for producing the triangular-shape or rectangular-shape filter tea bags with outer sachet. The machine unit adopts the separated combination design style with the inner and outer packaging system working separately with connection bucket conveyor. And it could perform the stable packaging speed of 35 ~ 40 tea bags per minute. It is mostly applied in green tea leaf, herbal tea, flower tea, formula tea, medicine tea, fruit tea market with high production efficiency.





- 1.) Equipped with outer envelope sachet function, produce both triangular & rectangular shape teabags with free exchange button on the HMI directly;
- 2.) All the machine frame parts and the material contacting parts are made of food level stainless steel;
- 3.) Adopts Omron PLC and Weinview HMI with Airtac Cylinder to ensure stable running performance;
- 4.) Could work for single pre-mixed tea or formula tea products by setting the data on HMI directly and the Z type Elevator system could be connected for production.

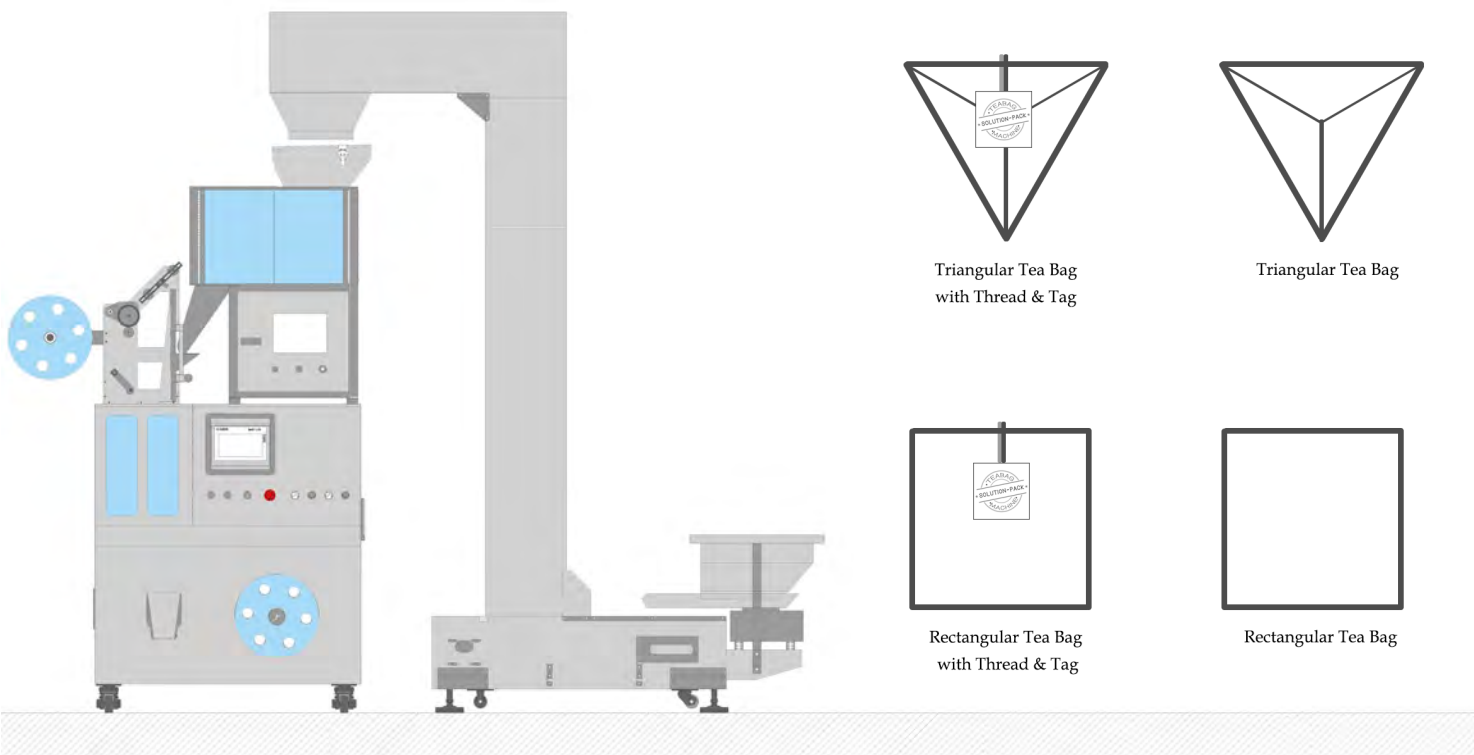


Machine Model:	ATB-PD35
Inner Teabag Type:	Triangular Teabag / Rectangular Teabag
Dosing Type:	4 / 6 / 8 Heads Tea Weighing Machine
Dosing Volume:	1.5 ~ 5 Grams
Packing Speed:	35 ~ 40 Sachets/Minute
Inner Packaging Film:	Nylon Netting Film / PLA Netting Film
Film Coilm Data:	Inner Dia.: 76 mm / Outer Dia.: ≤ 400 mm
Inner Roll Film Width:	120 mm / 140 mm / 160 mm / 180 mm
Outer Sachet Type:	Laminated 3-Side Seal Sachet
Outer Roll Film Width:	140 mm / 160 mm / 180 mm / 200 mm
Power Supply:	AC220V 1P 50/60Hz Around 5Kw
Air Supply:	0.6~0.8 Mpa Around 500L/Minute
Machine Size:	5590 x 1350 x 1755 mm (For Reference)
Machine Weight:	N.W. 900KG   G.W. 1100KG



Roll Film Width:	Teabag Size (Triangular/Rectangular)	Standard Outer Sachet Size (L x W)
120 x 50 mm	50 x 50 x 48 mm / ---	90 x 80 mm / ---
140 x 58 mm	60 x 60 x 58 mm / 60 x (51 ~ 58 mm)	105 x 80 mm / 105 x 90 mm
160 x 65 mm	70 x 70 x 65 mm / 70 x (58 ~ 65 mm)	105 x 90 mm / 105 x 100 mm
180 x 74 mm	80 x 80 x 74 mm / 80 x (65 ~ 74 mm)	105 x 100 mm / 105 x 110 mm

Standard Tag Shape	  	
Original Design	Original Printing Minimum Order Quantity is 12 Rolls (2 Master Carton Boxes) with Standard Tag Size. 1 Box x (6 Rolls) / Each Roll Could Make 6000 Tea Bags	



The ATB - PD50 automatic pyramid tea bag packing machine unit is the basic machine model for producing the triangular-shape or rectangular-shape filter tea bags without outer sachet. The machine unit equips 6-tunnel quantitative dosing system which performs stable production speed of 50 ~ 60 tea bags per minute. It is mostly applied in green tea leaf, herbal tea, flower tea, formula tea, medicine tea, fruit tea market with high production efficiency.



Formula Tea    Flower Tea    Green Tea    Black Tea    Fruit Tea    Herbal Tea



Machine Model:	ATB-PD50
Teabag Type:	Triangular / Rectangular Teabag
Dosing Type:	6 Tunnel Quantative Dosing System
Dosing Volume:	1.0 ~ 3.5g
Packing Speed:	50 ~ 55 Bags/Minute
Packaging Film:	Nylon Netting Fim / PLA Netting Film
Film Data:	Inner Dia.: 76mm / Outer Dia.: ≤ 400 mm
Power Supply:	AC220V 1P 50/60Hz 2.8Kw
Air Supply:	0.6 ~ 0.8Mpa / Around 300L/Minute
Machine Size:	1250 x 800 x 1850mm
Machine Weight:	N.G.: 600KG   G.W.: 750KG



- It adopts ultrasonic sealing and cutting which could produce both triangular shape and rectangular shape tea bags with free exchange button on the HMI.
- The 6-tunnel quantitative dosing system allows the machine to pack max. 3 kinds of recipe tea products. The dosing data could set on the HMI directly addcoring to the production requirements.
- The whole machine frame and the material contacting parts are all made of the food level stainless steel to meet foods sanitary production needs. It is much easier to clean and mantain in daily production.
- It adopts Germany Siemens PLC and HMI with SMC Cylinder to ensure best running performance. The other electrial and pneumatic parts all adopts famous brands to facilitate the user to source from local market easily.

Roll Film Width:	Teabag Size (Triangular/Rectangular)	Thread Length
120 x 50 mm	50 x 50 x 48 mm / ---	105 mm
140 x 58 mm	60 x 60 x 58 mm / 60 x (51 ~ 58 mm)	127 mm
160 x 65 mm	70 x 70 x 65 mm / 70 x (58 ~ 65 mm)	149 mm
180 x 74 mm	80 x 80 x 74 mm / 80 x (65 ~ 74 mm)	171 mm

Standard Tag Shape

Standard  
20 x 20 mm

Large Square  
25 x 25 mm

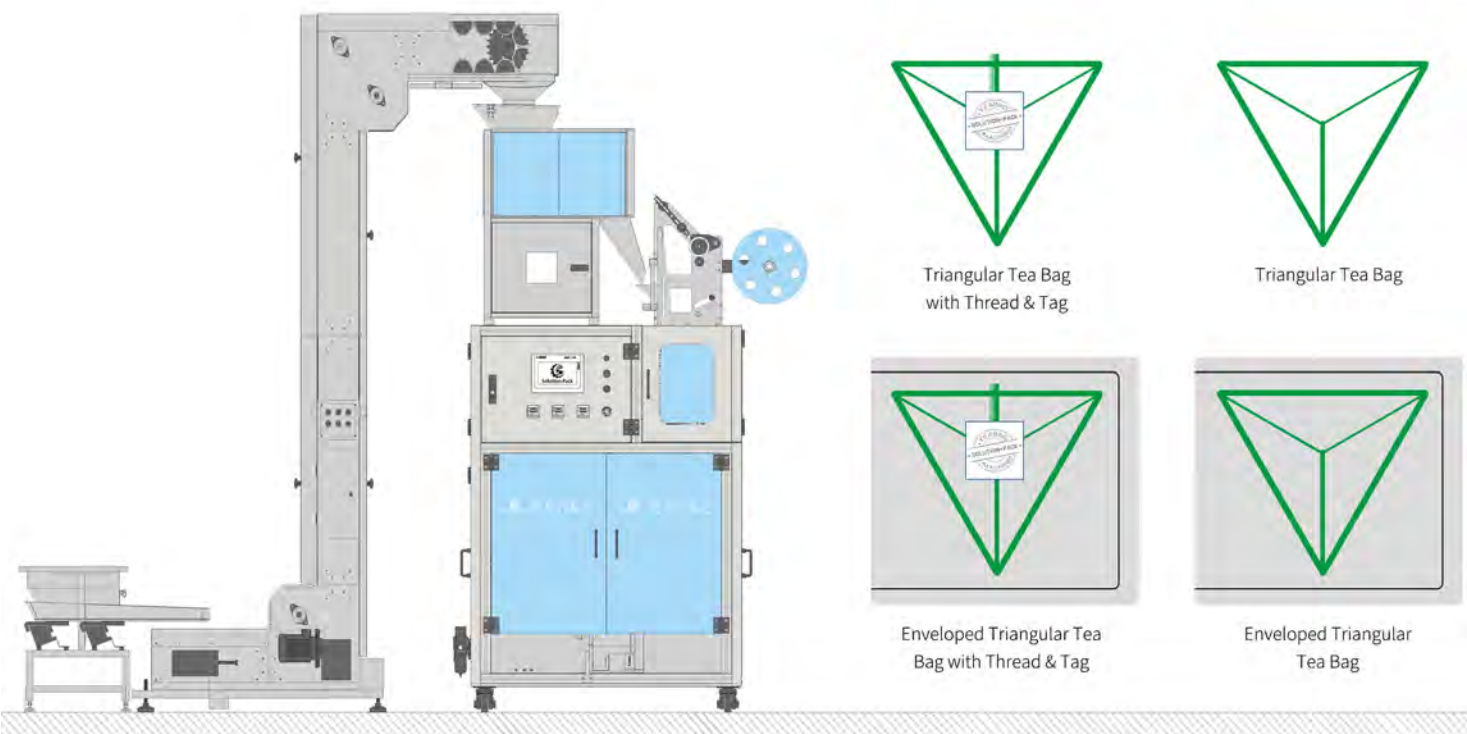
Square  
Round Corner

Original Printing

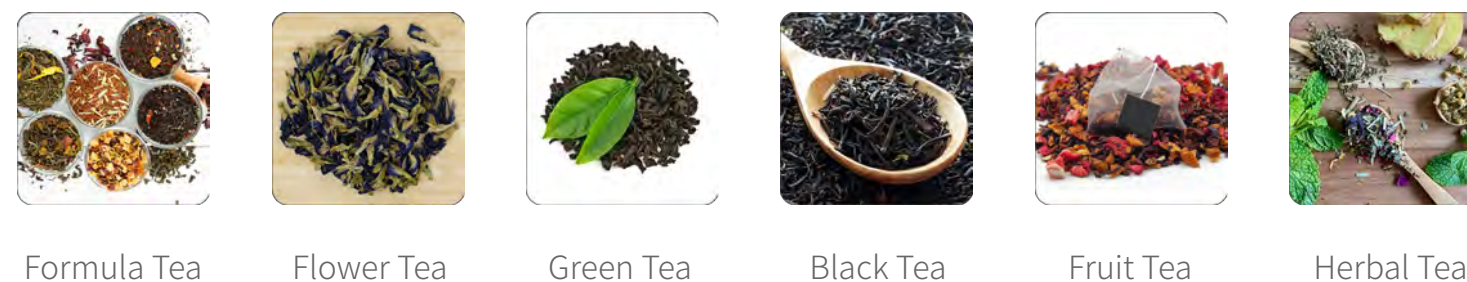
Original Design

Original Printing Minimum Order Quantity is 12 Rolls (2 Master Carton Boxes) with Standard Tag Size.  
1 Box x (6 Rolls) / Each Roll Could Make 6000 Tea Bags





The ATB - PD40 automatic pyramid tea bag packing machine unit is the standard machine model for producing the triangular-shape filter tea bags with outer sachet. The machine unit adopts the integrated vertical design style with both the inner and outer packaging system in a whole unit to save installation space. And it could perform the stable packaging speed of 30 ~ 35 sachets per minute. It is mostly applied in green tea leaf, herbal tea, flower tea, formula tea, medicine tea, fruit tea market with high production efficiency.



Machine Model:	ATB-PD40
Teabag Type:	Triangular Teabag
Dosing Type:	6 Tunnel Quantative Dosing System
Dosing Volume:	1.0 ~ 3.5g
Packing Speed:	30 ~ 35 Bags/Minute
Inner Bag Material:	Nylon Netting Film / PLA Netting Film
Inner Bag Film Width:	120 / 140 / 160 / 180 mm
Outer Sachet Type:	3-Side Seal Sachet
Outer Foil Film Width:	160 / 180 / 200 mm
Outer Foil Material:	Laminated Composite Film
Power Supply:	AC220V 1Phase 50/60Hz   4.85Kw
Air Supply:	0.6 ~ 0.8Mpa / Around 300L/Minute
Machine Size:	1250 x 800 x 1850mm
Machine Weight:	N.G.: 600KG   G.W.: 750KG

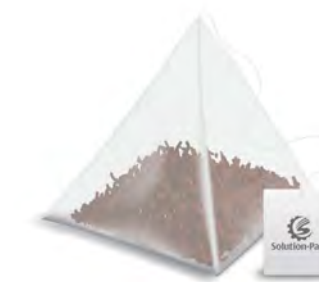
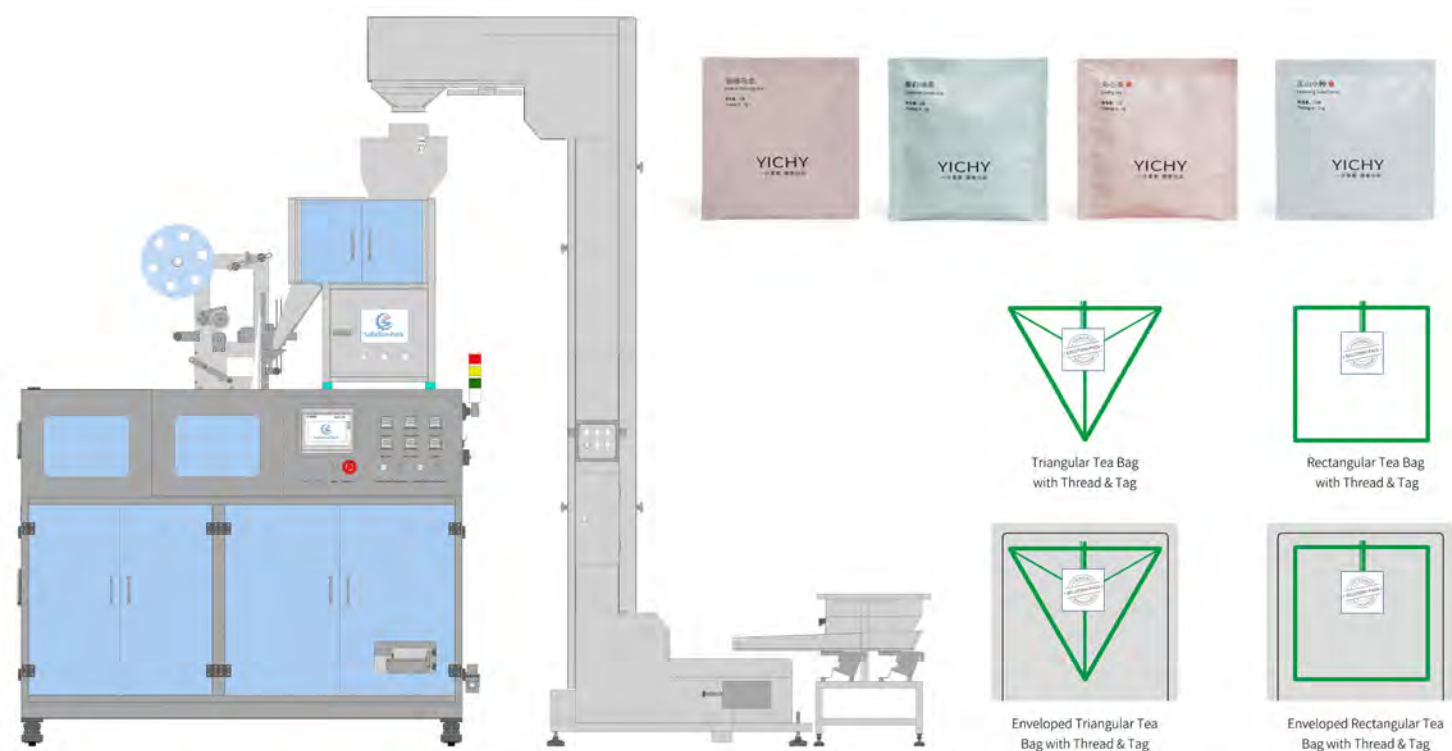


- Ultrasonic sealing and cutting technology, produce pyramid teabag with the outer foil sachet function;
- The vertical outer sachet form-fill-seal system connects with the inner teabag charter, then the inner teabag shall be wrapped into the outer sachet;
- SS304 steel material contact parts, other parts made of coated carbon steel;
- Adopts Germany Siemens PLC and HMI with SMC Cylinder to ensure best running performance. The other electrial and pneumatic parts all adopts famous brands.

Roll Film Width:	Teabag Size (Triangular)	Standard Outer Sachet Size (L x W)
120 x 50 mm	50 x 50 x 48 mm	80 x 90 mm (160 mm)
140 x 58 mm	60 x 60 x 58 mm	80 x 105 mm (160 mm)
160 x 65 mm	70 x 70 x 65 mm	90 x 105 mm (180 mm)
180 x 74 mm	80 x 80 x 74 mm	100 x 105 mm (200 mm)

Standard Tag Shape		
Original Design	Original Printing Minimum Order Quantity is 12 Rolls (2 Master Carton Boxes) with Standard Tag Size. 1 Box x (6 Rolls) / Each Roll Could Make 6000 Tea Bags	





Machine Model:	ATB-PD50X
Inner Teabag Type:	Triangular / Rectangular Teabag
Dosing Type:	6 Tunnel Quantative Dosing System
Dosing Volume:	1.0 ~ 3.5g
Packing Speed:	45 ~ 50 Sachets/Minute
Inner Bag Material:	Nylon Netting Film / PLA Netting Film
Inner Bag Film Width:	120 / 140 / 160 / 180 mm
Outer Sachet Type:	3-Side Seal Sachet
Outer Foil Film Width:	180 / 200 / 230 / 240 mm
Outer Foil Material:	Laminated Composite Film
Power Supply:	AC220V 1Phase 50/60Hz   5Kw
Air Supply:	0.6 ~ 0.8Mpa / Around 500L/Minute
Machine Size:	1870 x 1000 x 2350mm
Machine Weight:	N.G.: 1200KG   G.W.: 1400KG

The ATB - PD50X automatic pyramid teabag packing machine unit is the premium machine model for producing the triangular-shape or rectangular-shape filter teabags with outer sachet. The machine unit adopts the integrated horizontal design style with both the inner and outer packaging system in a whole unit. It could perform the stable packaging speed of 45 ~ 50 sachets per minute. It is mostly applied in green tea leaf, herbal tea, flower tea, formula tea, medicine tea, fruit tea market with high production efficiency.

- Ultrasonic sealing and cutting technology, produce pyramid teabag with the outer foil sachet function;
- The horizontal outer sachet form-fill-seal system connects with the inner teabag charter, then the inner teabag shall be wrapped into the outer sachet;
- SS304 steel material contact parts, other parts made of coated carbon steel;
- Adopts Japan Fuji PLC and HMI with SMC Cylinder to ensure best running performance. The other electrical and pneumatic parts all adopts famous brands.



Formula Tea    Flower Tea    Green Tea    Black Tea    Fruit Tea    Herbal Tea



Roll Film Width:	Teabag Size (Triangular/Rectangular)	Standard Outer Sachet Size (L x W)
120 x 50 mm	50 x 50 x 48 mm / ---	90 x 80 mm (180 mm)
140 x 58 mm	60 x 60 x 58 mm / 60 x (51 ~ 58 mm)	90 x 100 mm (200 mm)
160 x 65 mm	70 x 70 x 65 mm / 70 x (58 ~ 65 mm)	100 x 115 mm (230 mm)
180 x 74 mm	80 x 80 x 74 mm / 80 x (65 ~ 74 mm)	110 x 120 mm (240 mm)

Standard Tag Shape				
	Standard 20 x 20 mm	Large Square 25 x 25 mm	Square Round Corner	Original Printing
Original Design	Original Printing Minimum Order Quantity is 12 Rolls (2 Master Carton Boxes) with Standard Tag Size. 1 Box x (6 Rolls) / Each Roll Could Make 6000 Tea Bags			





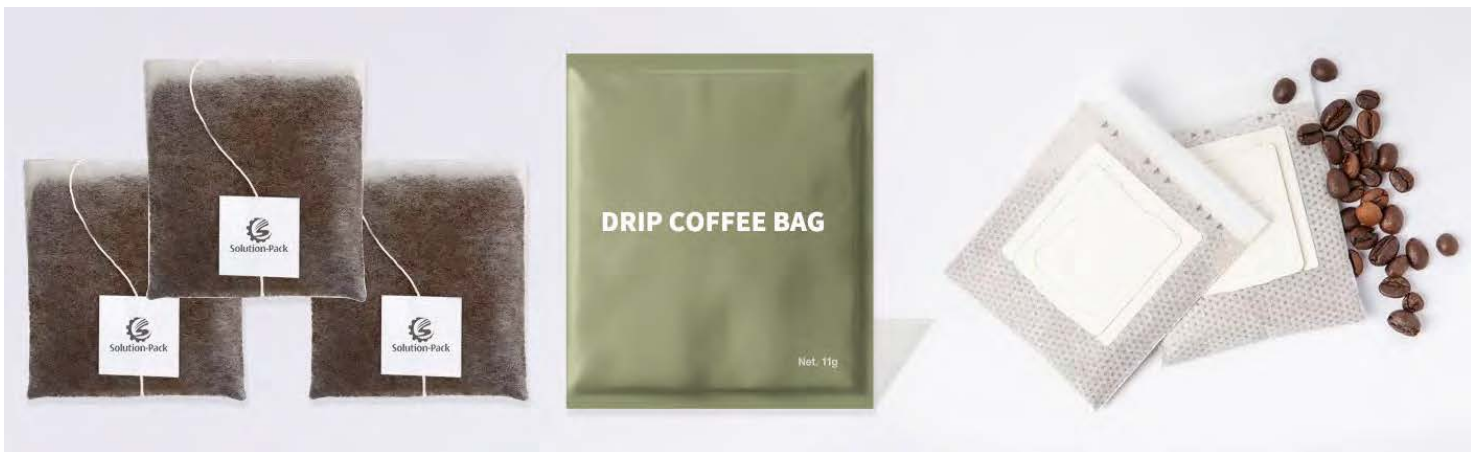
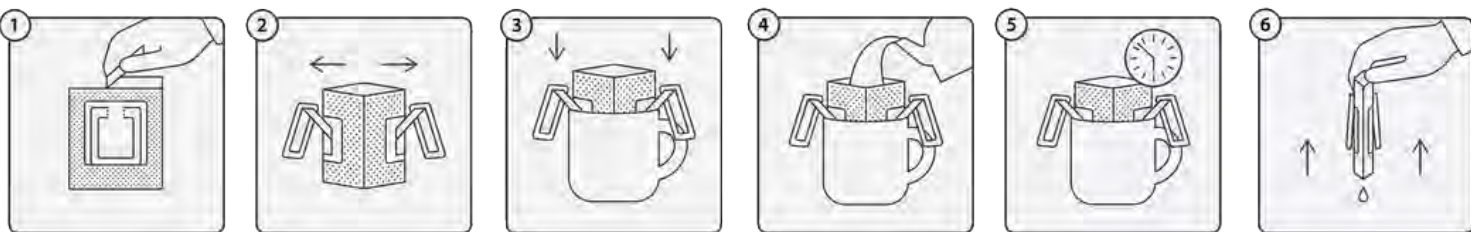
Machine Model:	ATB-DC35
Inner Bag Type:	Drip Coffee Bag / Rectangular Coffee Bag
Dosing Type:	Volumetric Cup Dosing System
Dosing Volume:	10 ~ 16g
Packing Speed:	30 ~ 35 Sachets/Minute
Inner Bag Size:	L 90mm x W 74mm / L 80mm x W 74mm
Inner Bag Film Width:	180 mm
Inner Film Material:	PLA Non-Woven / Non-Woven Fabric Film
Outer Sachet Size:	L 120 mm x W 100 mm (3-Side Seal Sachet)
Outer Roll Film Width:	200 mm (Laminated Composite Film)
Power Supply:	AC220V 1Phase 50/60Hz   3.5Kw
Air Supply:	0.6 ~ 0.8Mpa / Around 300L/Minute
Machine Size:	1450 x 1100 x 2750mm
Machine Weight:	N.G.: 500KG   G.W.: 650KG



The ATB - DC35 automatic drip coffee bag packing machine unit is a standard machine model for producing the drip coffee bag with outer foil sachet. The machine unit adopts volumetric cup dosing system with vacuum elevator system and ensures a stable running speed of 30 ~ 35 sachets per minute. It is mostly applied in the ground coffee market, and it could also be applied to pack granule tea, health care products, and other small granule products.



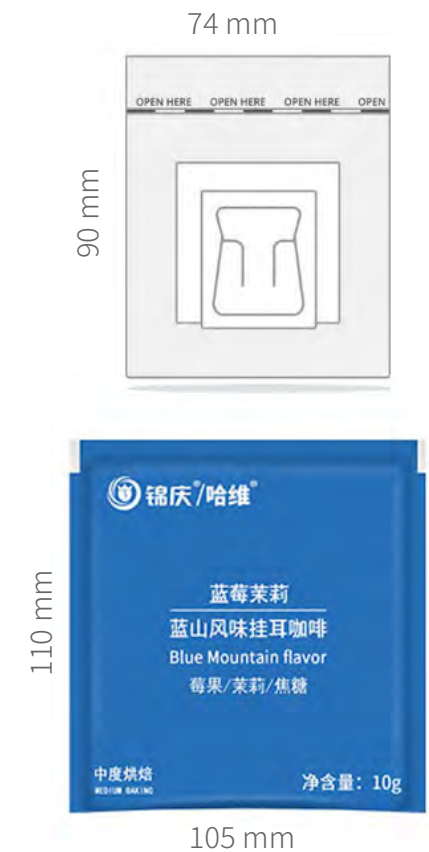
- Adopts vertical design pattern, the inner bag and the outer sachet systems are integrated together to save installation space;
- Smart PLC control & HMI display, famous brand electric & pneumatic components, SS304 material contact parts and coated CS steel machine frame;
- Capable of producing both drip coffee bag with hanging ear and the rectangular coffee bag with thread and tag;
- Advanced volumetric cup dosing filling system, pre-reserved nitrogen gas filling system, and the optional vacuum type elevator system are equipped to improve the production performance.



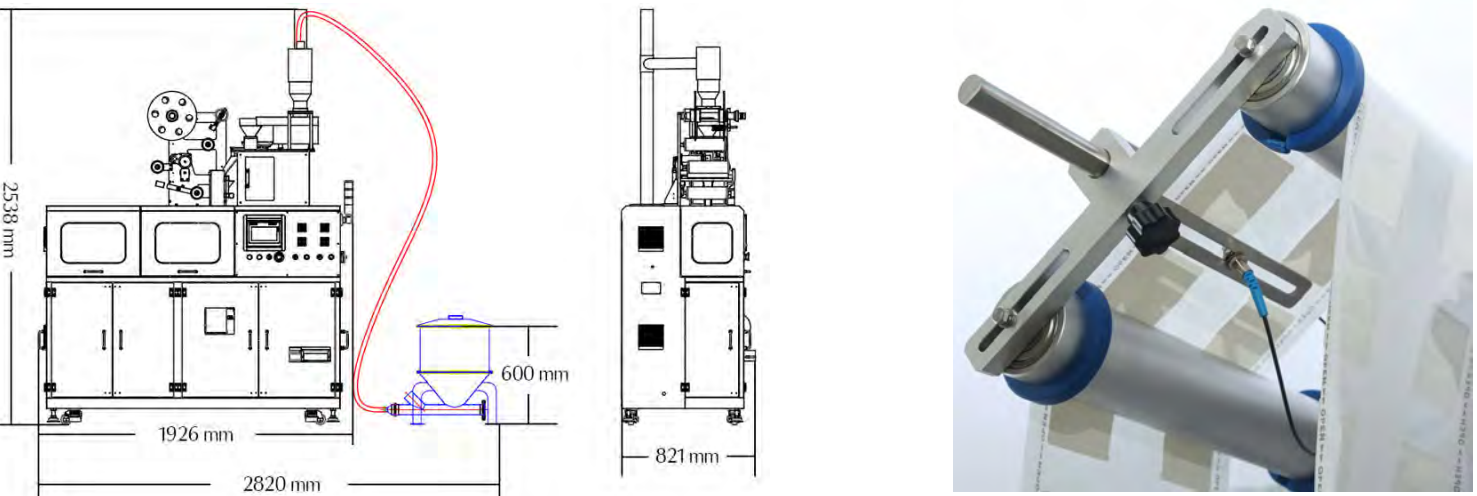




Machine Model:	ATB-DC45
Inner Bag Type:	Drip Coffee Bag / Rectangular Coffee Bag
Dosing Type:	Volumetric Cup Dosing System
Dosing Volume:	10 ~ 16g
Packing Speed:	40 ~ 45 Sachets/Minute
Inner Bag Size:	L 90mm x W 74mm / L 80mm x W 74mm
Inner Bag Film Width:	180 mm
Inner Film Material:	PLA Non-Woven / Non-Woven Fabric Film
Outer Sachet Size:	L 110 mm x W 105 mm (3-Side Seal Sachet)
Outer Roll Film Width:	220 mm (Laminated Composite Film)
Power Supply:	AC220V 1Phase 50/60Hz   4.5Kw
Air Supply:	0.6 ~ 0.8Mpa / Around 1.2 m <sup>3</sup> /Minute
Machine Size:	1950 x 850 x 2550mm
Machine Weight:	N.G.: 800KG   G.W.: 950KG



The ATB - DC45 automatic drip coffee bag packing machine unit is a premium machine model for producing the drip coffee bag with outer foil sachet. The machine unit adopts volumetric cup dosing system with vacuum elevator system and ensures a stable running speed of 40 ~ 45 sachets per minute. It is mostly applied in the ground coffee market, and it could also be applied to pack granule tea, health care products, and other small granule products.



- Adopts horizontal design pattern, the inner bag and the outer sachet systems are integrated together to save installation space;
- Smart Siemens PLC control & HMI display, famous brand electric & pneumatic components, SS304 material contact parts and machine frame;
- Capable of producing both drip coffee bag with hanging ear and the rectangular coffee bag with thread and tag;
- Advanced volumetric cup dosing filling system, pre-reserved nitrogen gas filling system, and the optional vacuum type elevator system are equipped to improve the production performance.

Non-Woven Fabric Film Hanging Ear

- ⌘ Ultrasonic Sealing Only
- ⌘ Produce 4500 Bags per Roll
- ⌘ Inner Coil Dia.: 75 mm
- ⌘ Outer Coil Dia.: 410 mm

PLA Non-Woven Film Hanging Ear

- ⌘ Ultrasonic Sealing Only
- ⌘ Produce 3500 Bags per Roll
- ⌘ Inner Coil Dia.: 75 mm
- ⌘ Outer Coil Dia.: 400 mm

PLA Non-Woven Film + Thread + Label

- ⌘ Ultrasonic Sealing Only
- ⌘ Produce 6000 Bags per Roll
- ⌘ Inner Coil Dia.: 75 mm
- ⌘ Outer Coil Dia.: 340 mm

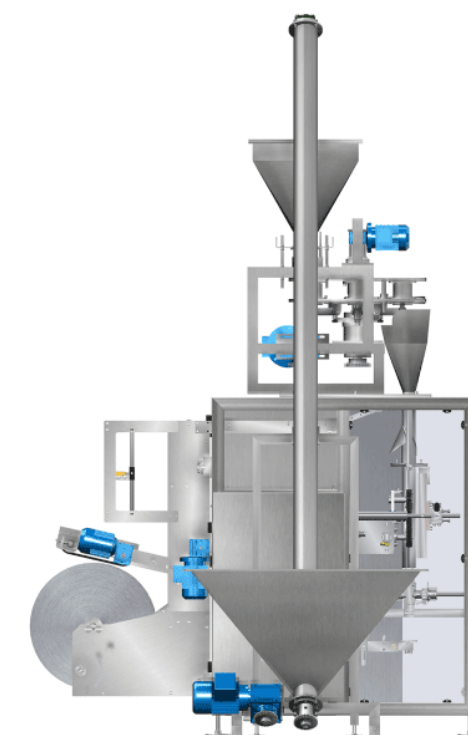




The VSP520C automatic vertical form fill seal packaging machine unit is connected with the volumetric cup doser machine to realize the function of automatic dosing, film pulling, date printing, bag forming, material filling, heat sealing, and finished products output. This solution is suitable for uniform materials and widely applied in rice, sugar, salt, msg, spices, seeds, grains, broken tea leaves, etc.



Machine Model:	VSP520C
Dosing Machine:	Volumetric Cup Doser
Packing Weight:	Max. 1000g
Packing Speed:	35 ~ 50 Bags/Minute
Bag Width Range:	100 ~ 250 mm
Bag Length Range:	150 ~ 350 mm
Roll Film Width:	Max. 520 mm
Roll Film Material:	LLDPE / Laminated Composite Film
Power Supply:	AC380V 3P 50Hz Around 5.5KW (Customized)
Air Supply:	0.6 ~ 0.8Mpa (Around 300 ~ 500 L/Minute)
Installation Size:	2150 x 1800 x 2950 mm (For Reference)
Optional Functions:	Side Gusset Device / Hole Punching Device



- Adopts smart Siemens PLC control and 7" HMI display. Other pneumatic & electrical parts adopt internationally famous brand like Omron temperature control, SMC solenoid valve, AirTac cylinder, Schneider relay, or equal type;
- Panasonic servo motor control film pulling system. Precise, reliable, and stable;
- Capable of making pillow bag, gusset bag, and hanging bag by equip the related optional mechanical device;
- Whole machine frame and material contact parts are made of food-level stainless steel;
- Full sets sensor detecting system to ensure automatic alarm and stop. Safety door alarm and stop function.



This vertical form fill seal machine unit could connect with different kinds of optional device to form a standard production line process. The most commonly adopted devices are Thermal Date Printer, Bucket Elevator, Metal Detector & Rejector, checker weigher & rejector, and rotary collecting table.

⌘ Metal Detector & Rejector



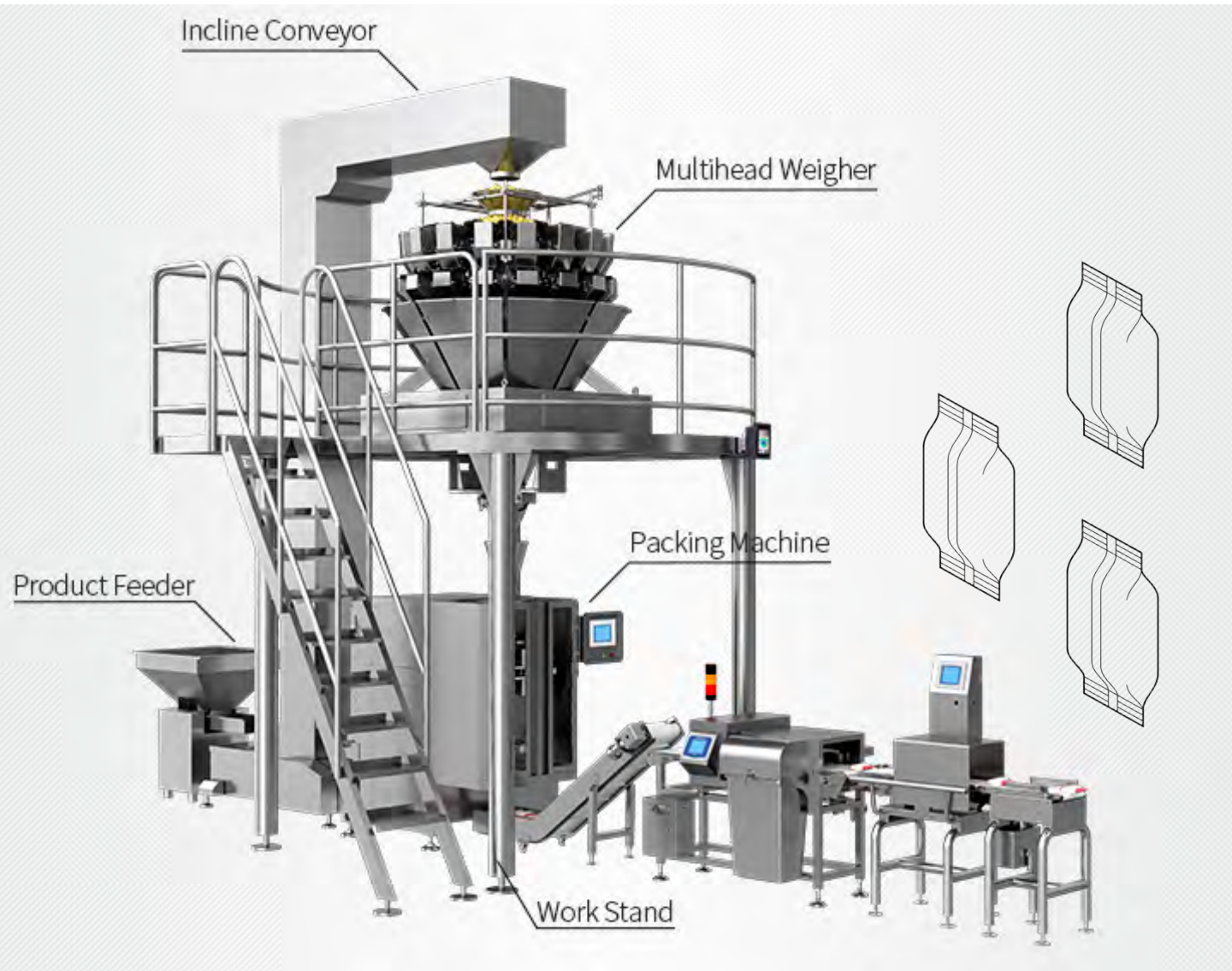
⌘ Check Weigher & Rejector



⌘ Thermal Printer







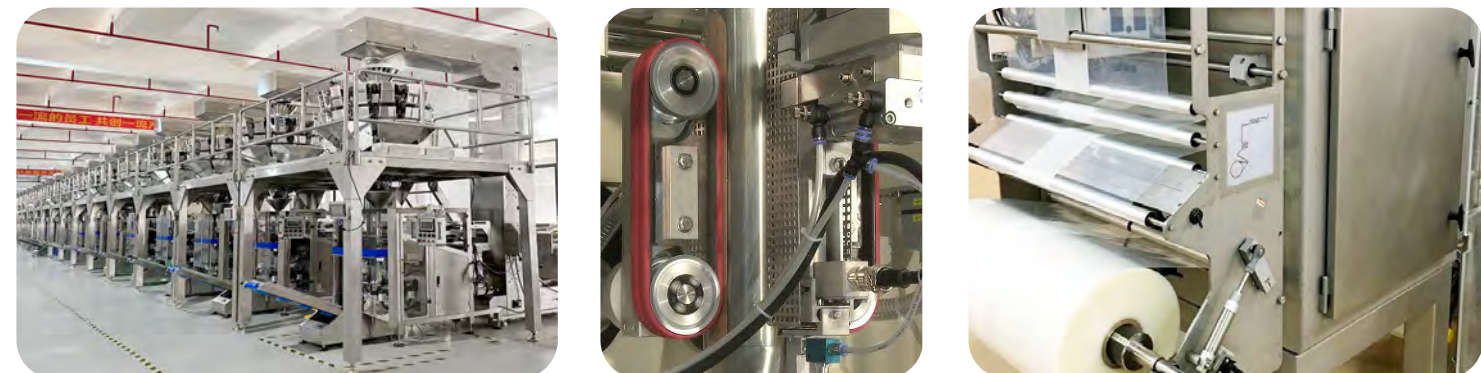
The VSP520M / 630M automatic vertical form fill seal packaging machine unit is connected with the multi-head weighing filling machine to realize the function of automatic dosing, film pulling, date printing, bag forming, material filling, heat sealing, and finished products output. This solution is suitable for different kind of granule, leaf materials and widely applied in snack food, nuts, candies, rice, sugar, msg, seeds, grains, broken tea leaves, dried fruit, pet food, etc.



Machine Model:	VSP520M	VSP630M
Dosing Machine:	Multi-Head Weighing Filling Machine (10 Heads / 14 Heads)	
Packing Weight:	Max. 1000g	Max. 2500g
Packing Speed:	35 ~ 50 Bags/Minute	30 ~ 45 Bags/Minute
Bag Width Range:	100 ~ 250 mm	150 ~ 300 mm
Bag Length Range:	150 ~ 350 mm	200 ~ 450 mm
Roll Film Width:	Max. 520 mm	Max. 630 mm
Roll Film Material:	LLDPE / Laminated Composite Film	
Power Supply:	AC380V 3P 50Hz Around 5.5KW	AC380V 3P 50Hz Around 6.5KW
Air Supply:	0.6 ~ 0.8Mpa (Around 300 ~ 500 L/Minute)	
Installation Size:	2150 x 1800 x 2950 mm (For Reference)	2350 x 1800 x 3050 mm (For Reference)
Optional Functions:	Side Gusset Device / Hole Punching Device / Middle Hopper Device	



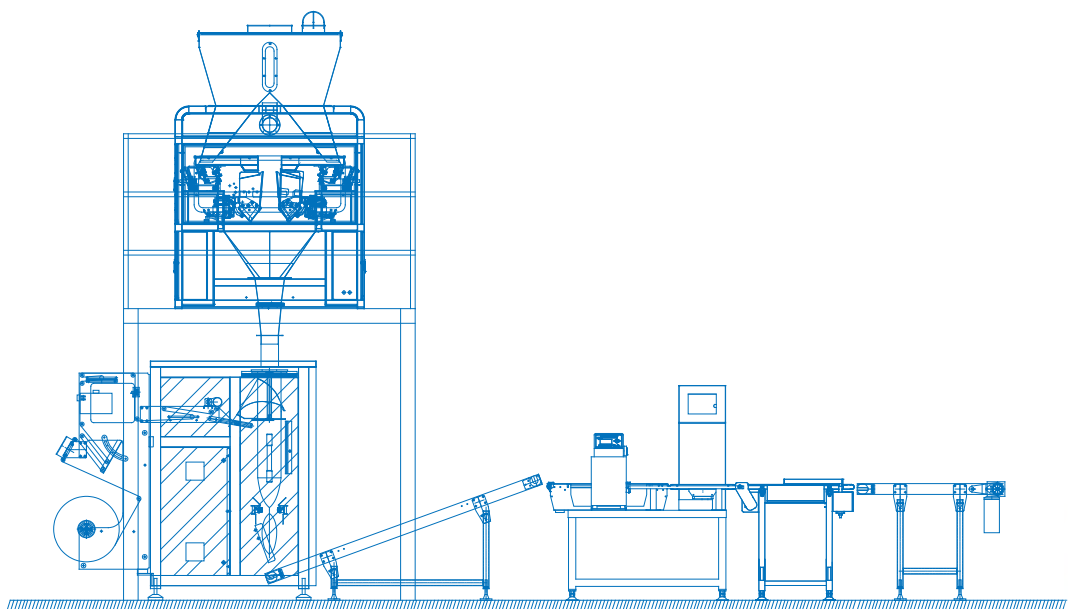
- Adopts smart Siemens PLC control and 7" HMI display. Other pneumatic & electrical parts adopt internationally famous brand like Omron temperature control, SMC solenoid valve, AirTac cylinder, Schneider relay, or equal type;
- Panasonic servo motor control film pulling system. Precise, reliable, and stable;
- Capable of making pillow bag, gusset bag, and hanging bag by equip the related optional mechanical device;
- Whole machine frame and material contact parts are made of food-level stainless steel;
- Full sets sensor detecting system to ensure automatic alarm and stop. Safety door alarm and stop function.







The VSP520L / 630L / 780L automatic vertical form fill seal packaging machine unit is connected with the linear weighing filling machine to realize the function of automatic dosing, film pulling, date printing, bag forming, material filling, heat sealing, and finished products output. This solution is suitable for uniform materials and widely applied in rice, sugar, salt, msg, animal feed, aqua feed, fertilizers, seeds, grains, broken tea leaves, pet food, etc.



Machine Model:	VSP520L	VSP630L	VSP780L
Dosing Machine:	6/4-Heads Linear Wigher	6/4-Heads Linear Weigher	4/2-Heads Linear Weigher
Packing Weight:	Max. 1000g	Max. 2500g	Max. 5000g
Packing Speed:	35 ~ 50 Bags/Minute	30 ~ 40 Bags/Minute	15 ~ 35 Bags/Minute
Bag Width Range:	100 ~ 250 mm	150 ~ 300 mm	200 ~ 380 mm
Bag Length Range:	150 ~ 350 mm	200 ~ 450 mm	200 ~ 500 mm
Roll Film Width:	Max. 520 mm	Max. 630 mm	Max. 780 mm
Roll Film Material:	LLDPE / Laminated Composite Film		
Power Supply:	AC380V 3P 50Hz Around 5.5KW / 6.5KW / 7.5KW (Customized)		
Air Supply:	0.6 ~ 0.8Mpa (Around 300 ~ 500 L/Minute)		
Installation Size:	2150 x 1800 x 2950 mm	2350 x 1800 x 3050 mm	2350 x 1800 x 3350 mm
Optional Functions:	Side Gusset Device / Hole Punching Device / Middle Hopper Device		



- Adopts smart Siemens PLC control and 7" HMI display. Other pneumatic & electrical parts adopt internationally famous brand like Omron temperature control, SMC solenoid valve, AirTac cylinder, Schneider relay, or equal type;
- Panasonic servo motor control film pulling system. Precise, reliable, and stable;
- Capable of making pillow bag, gusset bag, and hanging bag by equip the related optional mechanical device;
- Whole machine frame and material contact parts are made of food-level stainless steel;
- Full sets sensor detecting system to ensure automatic alarm and stop. Satey door alarm and stop function.







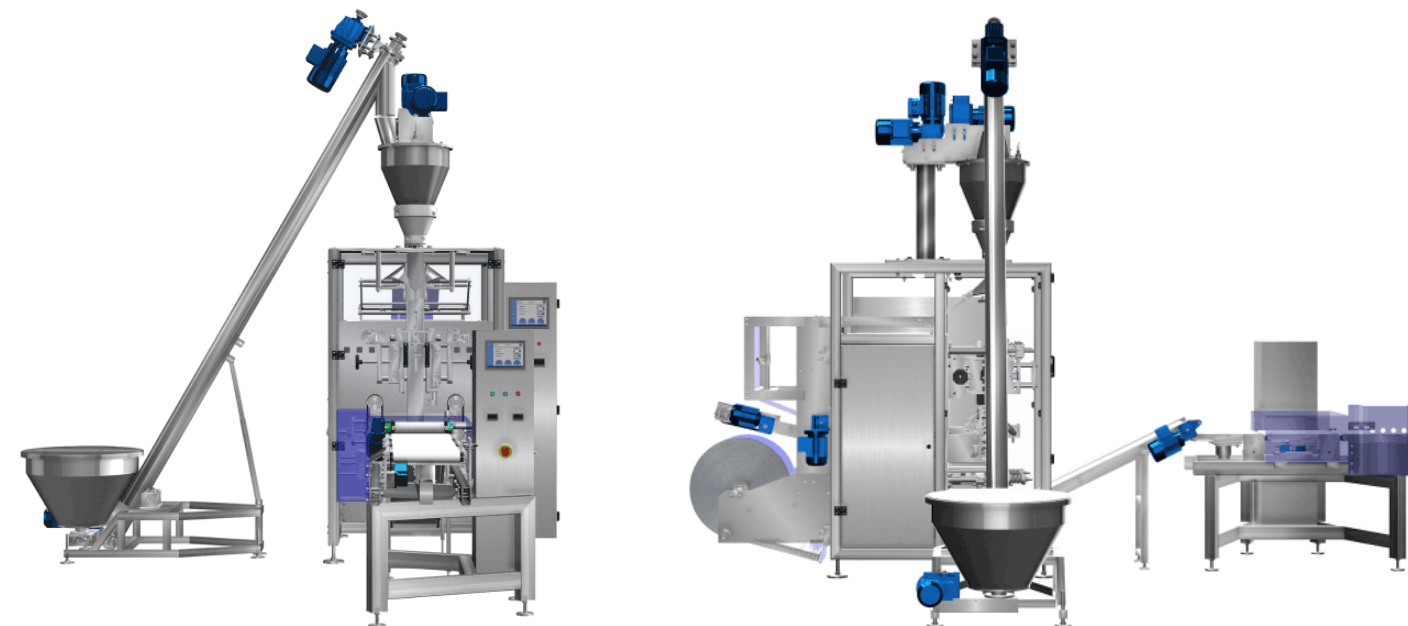
The VSP520P / 630P automatic vertical form fill seal packaging machine unit is connected with the auger screw weighing filling machine to realize the function of automatic dosing, film pulling, date printing, bag forming, material filling, heat sealing, and finished products output. This solution is suitable for non-free-flow powder products within 100 mesh like wheat flour, tapioca starch, rice flour, corn flour, soy flour, etc.



Machine Model:	VSP520P	VSP630P
Dosing Machine:	AS1000 Auger Screw Doser	AS2000 Auger Screw Doser
Packing Weight:	Max. 1000g	Max. 2500g
Packing Speed:	25 ~ 35 Bags/Minute	20 ~ 30 Bags/Minute
Bag Width Range:	100 ~ 250 mm	150 ~ 300 mm
Bag Length Range:	150 ~ 350 mm	200 ~ 450 mm
Roll Film Width:	Max. 520 mm	Max. 630 mm
Roll Film Material:	Laminated Composite Film	
Power Supply:	AC380V 3P 50Hz Around 5.5KW	AC380V 3P 50Hz Around 6.5KW
Air Supply:	0.6 ~ 0.8Mpa (Around 300 ~ 500 L/Minute)	
Installation Size:	2050 x 1650 x 2350 mm (For Reference)	2050 x 1750 x 2550 mm (For Reference)
Optional Functions:	Side Gusset Device / Hole Punching Device / Dust Collecting Device / Anti-Leak Device	



- Adopts smart Siemens PLC control and 7" HMI display. Other pneumatic & electrical parts adopt internationally famous brand like Omron temperature control, SMC solenoid valve, AirTac cylinder, Schneider relay, or equal type;
- Panasonic servo motor control auger filling and film pulling system. Precise, reliable, and stable;
- Capable of making pillow bag, gusset bag, and hanging bag by equip the related optional mechanical device;
- Whole machine frame and material contact parts are made of food-level stainless steel;
- Full sets sensor detecting system to ensure automatic alarm and stop. Safety door alarm and stop function.

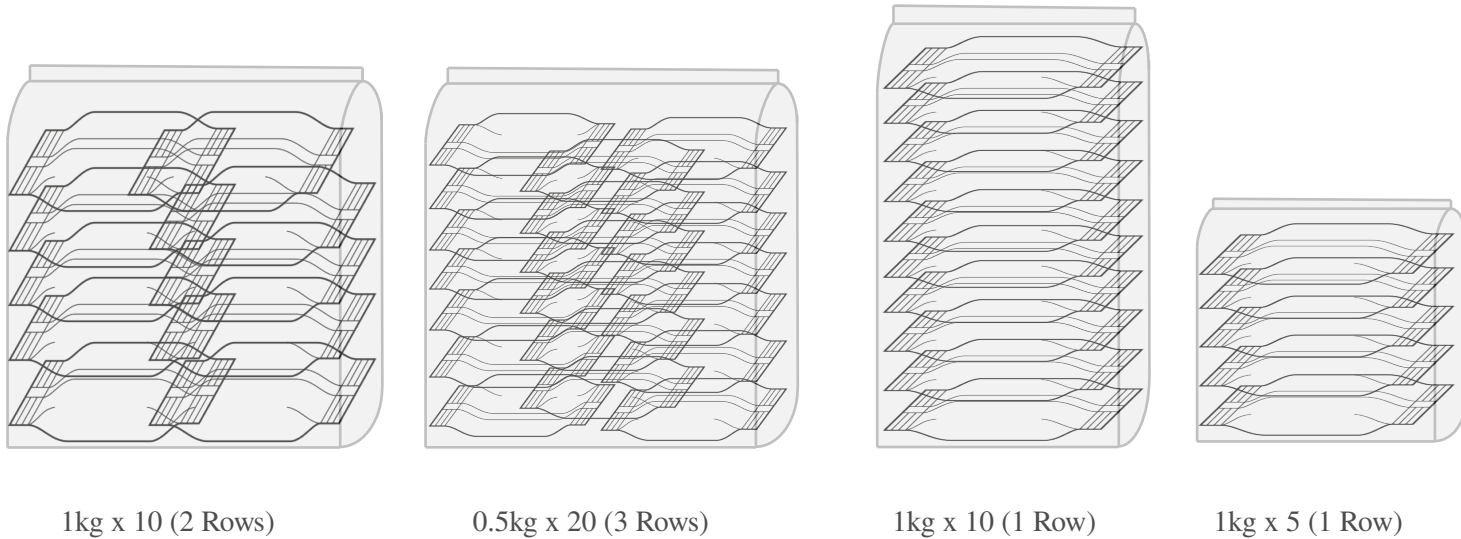




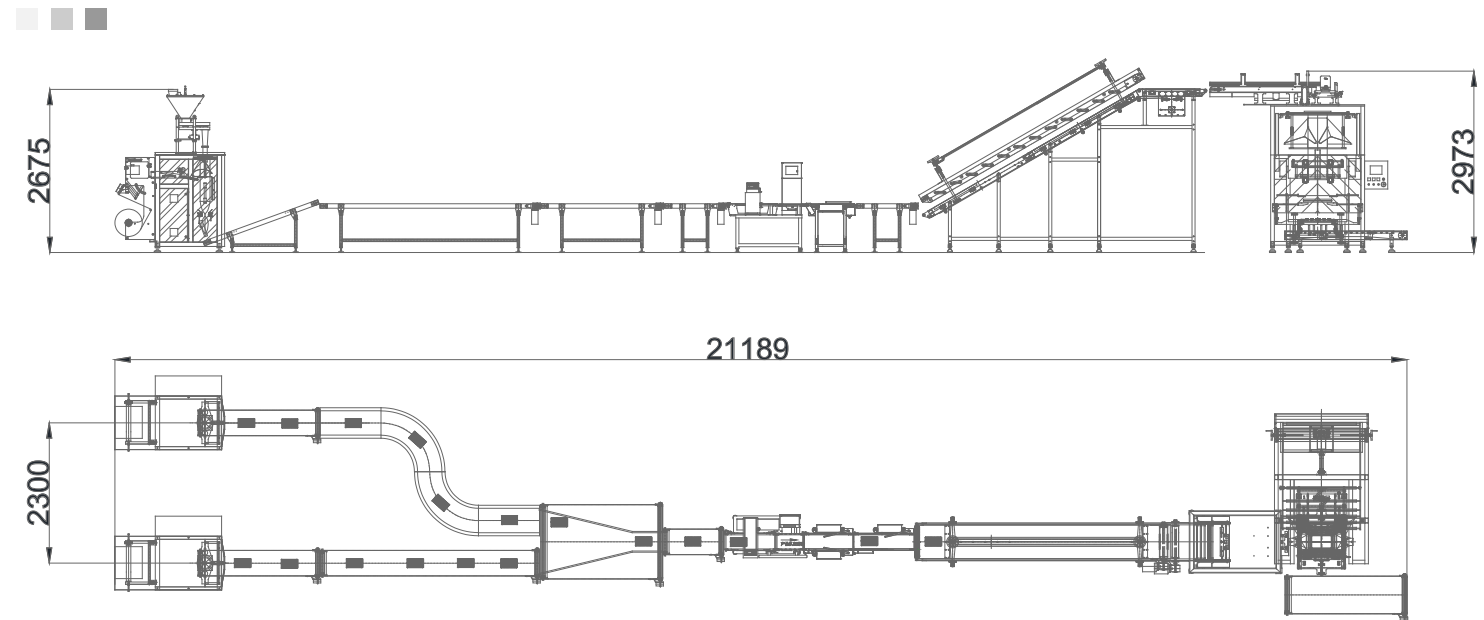


The VSP-1100BL is an bag in bag repacking production line. It generally connects 2 sets VSP520C vertical packing machine with one baling machine unit to realize the function of repacking certain quantity of 0.5kg or 1kg pouches in the baler bag automatically. This production line is mostly applied in rice, sugar, and salt market.

- Adopts smart Siemens PLC control and 7" HMI display. Other pneumatic & electrical parts adopt internationally famous brand like Omron temperature control, SMC solenoid valve, AirTac cylinder, Schneider relay, or equal type;
- Panasonic servo motor control film pulling system. Precise, reliable, and stable;
- Capable of making pillow bag, gusset bag, and hanging bag by equip the related optional mechanical device;
- Whole machine frame and material contact parts are made of food-level stainless steel;
- Full sets sensor detecting system to ensure automatic alarm and stop. Safety door alarm and stop function.



Machine Model:	VSP-1100BL
Machine Type:	Vertical Bag in Bag Baling Packaging
Primary Packaging Machine:	VSP520C (2 Sets)
Primary Packing Weight:	500g / 1000g
Primary Packing Speed:	80 Bags/Minute (40 Bags/Minute Each Machine)
Primary Bag Size Range:	W: 100 ~ 250 mm   L: 150 ~ 350 mm (Pillow/Gusset Bag)
Primary Bag Roll Film Data:	Roll Film Width: Max. 520 mm   Single Layer LLDPE Film
Baling Packaging Style:	1kg x 5 (1Row)   1kg x 10 (1Row)   1 kg x 10 (2Rows)   0.5kg x 20 (3 Rows)
Baling Packing Speed:	4 ~ 16 Baler Bags/Minute (depends on baling style)
Baling Bag Size Data:	W: 350 ~ 525 mm   L : 400 ~ 650 mm (Gusset Bag)
Baling Bag Roll Film Data:	Roll Film Width: Max. 1100 mm   Single Layer LLDPE Film



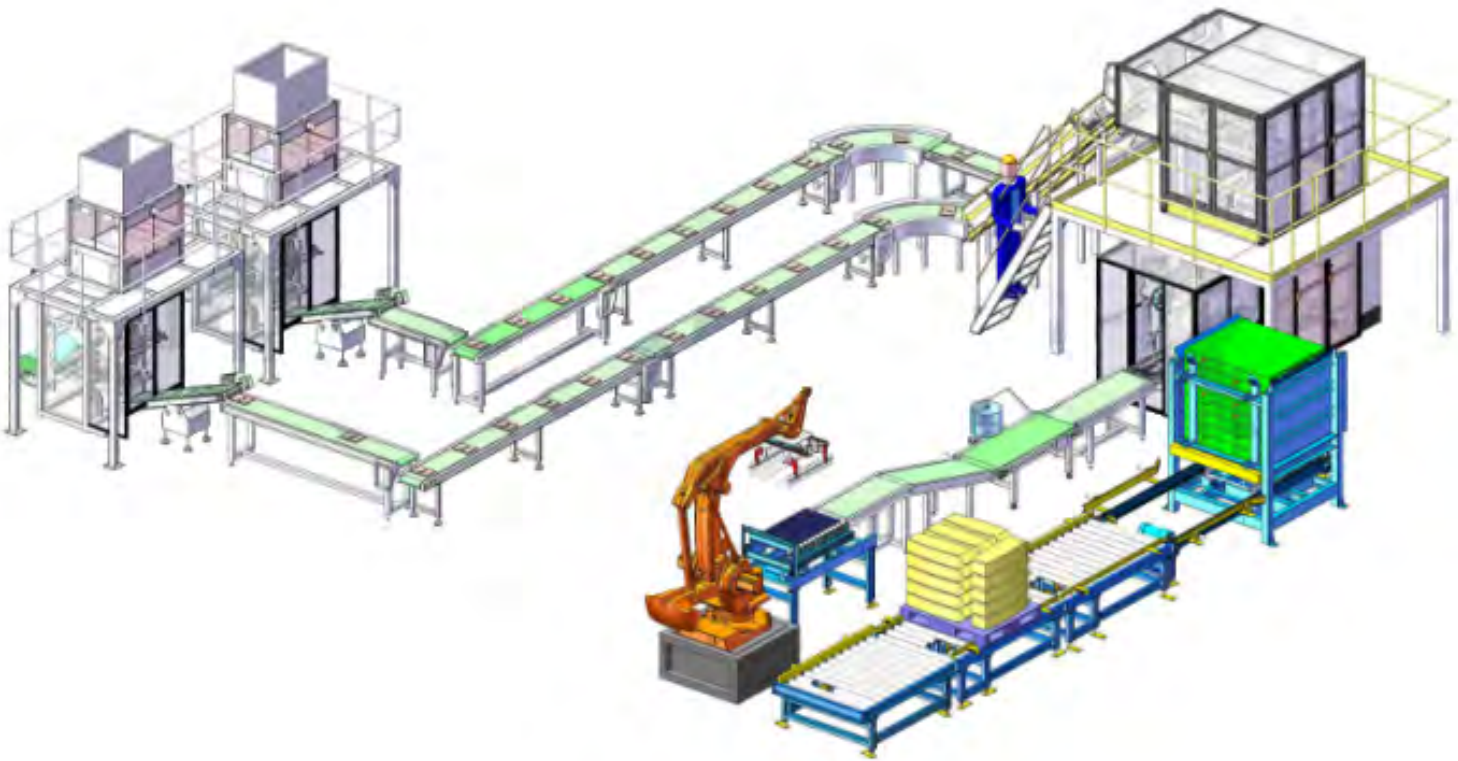
⌘ Metal Detector & Rejector

⌘ Check Weigher & Rejector

⌘ Thermal Printer







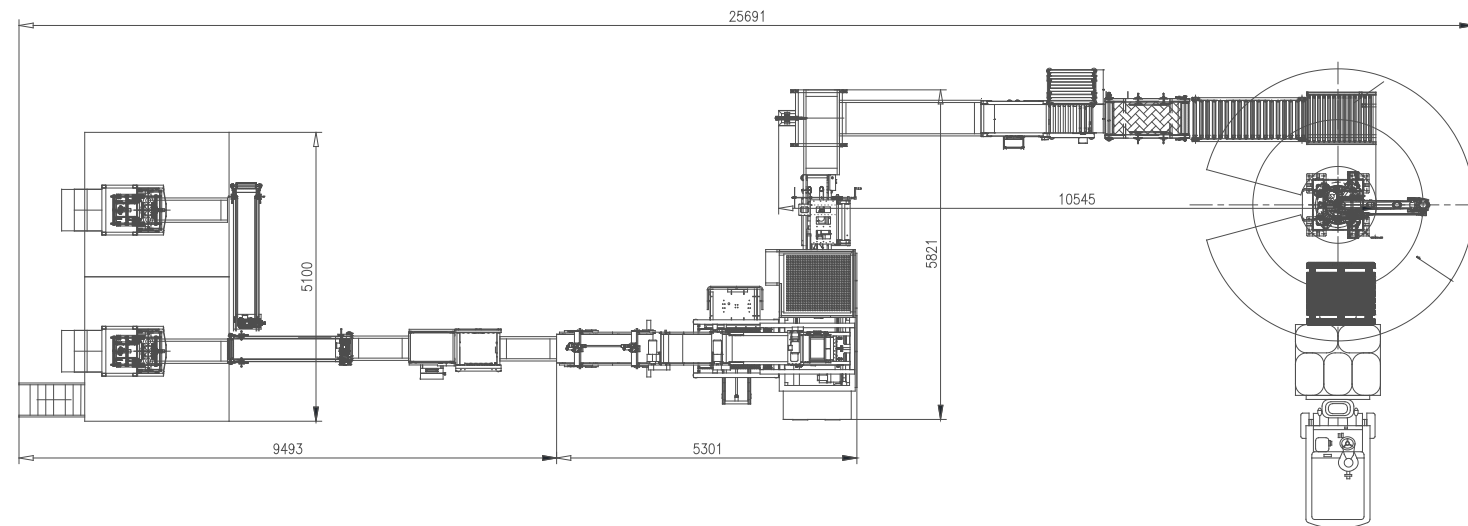
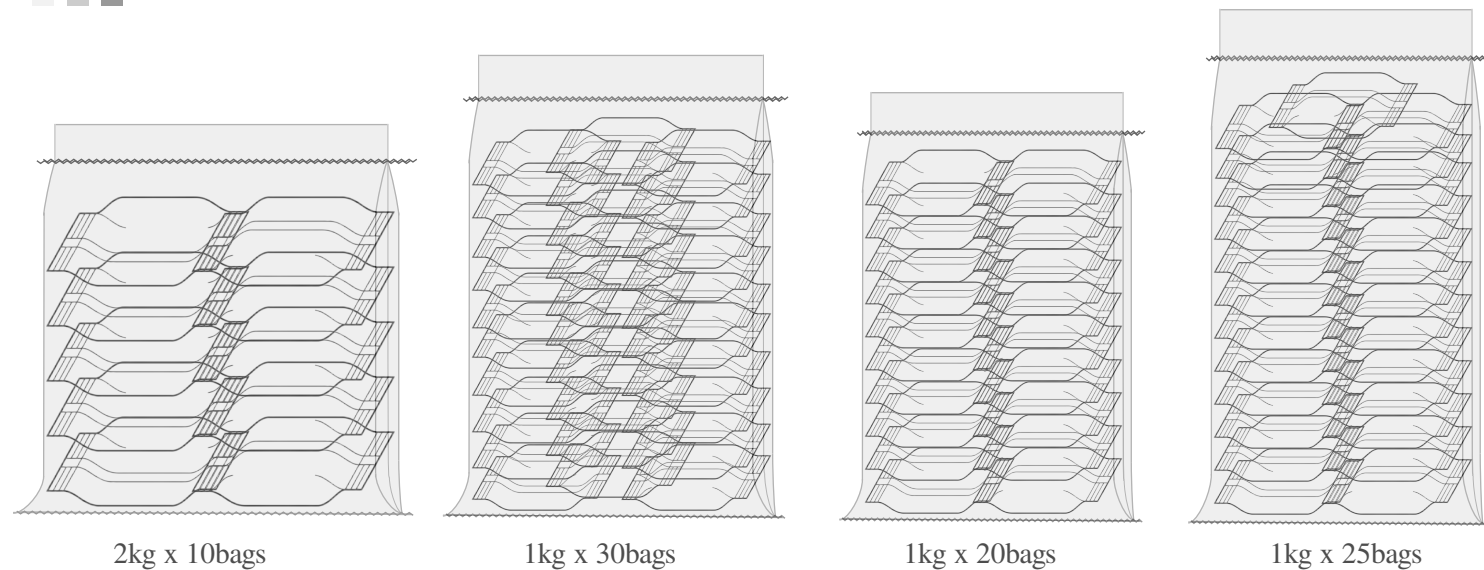
The VSP-N5 automatic bag in bag secondary packaging machine production line is designed for packing primary bags into the pp woven sack and then seal the woven bag until finished pallet convey out. It generally connect with 2 or 3 primary vertical packaging machine units to form the whole production line. It is widely applied in the market of seeds, grains, rice mill, sugar mill, and salt mill market.



- Whole production line is customized to the packaging capacity requirements and factory installation layout design;
- The secondary packaging system design is customized to the repacking pattern;
- The material contact parts are made of stainless steel, the other frame parts made of coated carbon steel;
- Adopts smart Siemens PLC control and 7" HMI display. Other pneumatic & electrical parts adopt internationally famous brand like Omron temperature control, SMC solenoid valve, AirTac cylinder, Schneider relay, or equal type;
- It could also customize to connect with the user's present primary packaging machines and palletizing machine;



Machine Model:	VSP-N5
Machine Type:	Bag In Bag Secondary Packaging Machine
Primary Packing Weight:	1000g / 2000g
Primary Packing Speed:	70 ~ 90 Bags/Minute (2 Machine Units)
Primary Bag Size Range:	W: 100 ~ 250 mm   L: 150 ~ 350 mm (Pillow/Gusset Bag)
Primary Roll Film Data:	Width: Max. 520 mm (LLDPE/Laminated Film)
Secondary Packaging Bag:	PE Coated M Type PP Woven Bag
Woven Sack Size Range:	W: 450 ~ 600 mm   L: 650 ~ 1060 mm   Side Gusset Depth: 80 ~ 120 mm
Sealing Style:	Single Stitching / Bag Mouth Folding Stitching
Secondary Packing Pattern:	25kg (1kg x 25) 2 Rows   30kg (1kg x 30) 3 Rows   20kg (1kg x 25) 2 Rows
Secondary Packaging Speed:	Processing Max. 120 Primary Bags per Minute



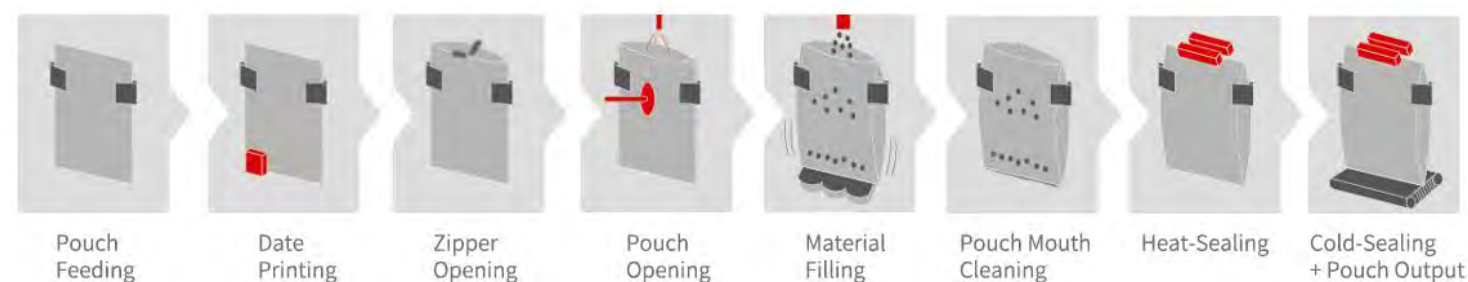




Machine Model:	SP8-240G	SP8-300G
Dosing Machine:	Multi-Head Weighing Filling Machine (10 Heads / 14 Heads)	
Packing Weight:	Max. 1000g	Max. 2500g
Packing Speed:	25 ~ 35 Bags/Minute	25 ~ 35 Bags/Minute
Bag Width Range:	100 ~ 240 mm	150 ~ 300 mm
Bag Length Range:	100 ~ 300 mm	200 ~ 450 mm
Station Numbers:	8 Stations	8 Stations
Pouch Pattern:	Flat Pouch / Doy Pouch (With / Without Zipper)	
Power Supply:	AC220/380V 1/3P 50/60Hz Around 6.5KW	AC220/380V 1/3P 50/60Hz Around 7.5KW
Air Supply:	0.6 ~ 0.8Mpa (Around 800 ~1000 L/Minute)	
Installation Size:	4520 x 2550 x 3975 mm (For Reference)	4650 x 2650 x 3975 mm (For Reference)
Optional Functions:	Middle Hopper / Nitrogen Gas Filling System / Metal Detector / Weight Checker	



The automatic granule pre-made pouch packaging machine generally connects with the multi-head weighing filling machine to realize the function of automatic pouch feeding, date printing, zipper opening, pouch mouth opening, material filling, heat-sealing, cold-sealing and finished pouch output. This solution is mostly applied to pack regular or irregular materials like grains, seeds, nuts, dried fruits, snack foods, tea leaves, herbals, refined sugar, pet foods, etc.



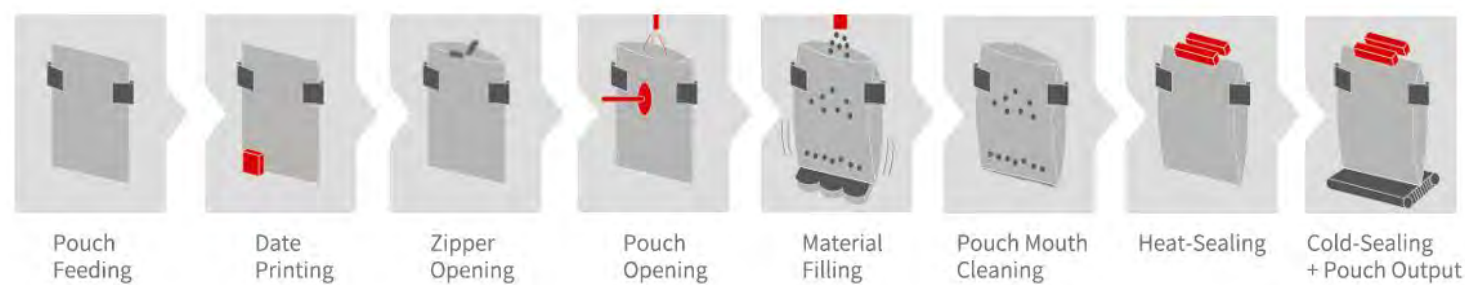
- Adopts smart Siemens PLC control and 10" HMI display. Other pneumatic & electrical parts adopt internationally famous brand like Omron temperature control, SMC solenoid valve, AirTac cylinder, Schneider relay, or equal brand;
- Available for the 3-side seal flat pouch and the self-stand-up doy pouch with or without zippers;
- Fully automatic pouch size adjusting system, set on the HMI directly;
- Customized design pattern to follow the user's production requirements;
- Whole machine frame and material contact parts are made of food-level stainless steel;
- Full sets sensor detecting system to ensure automatic alarm and stop. Safety door alarm and stop function.





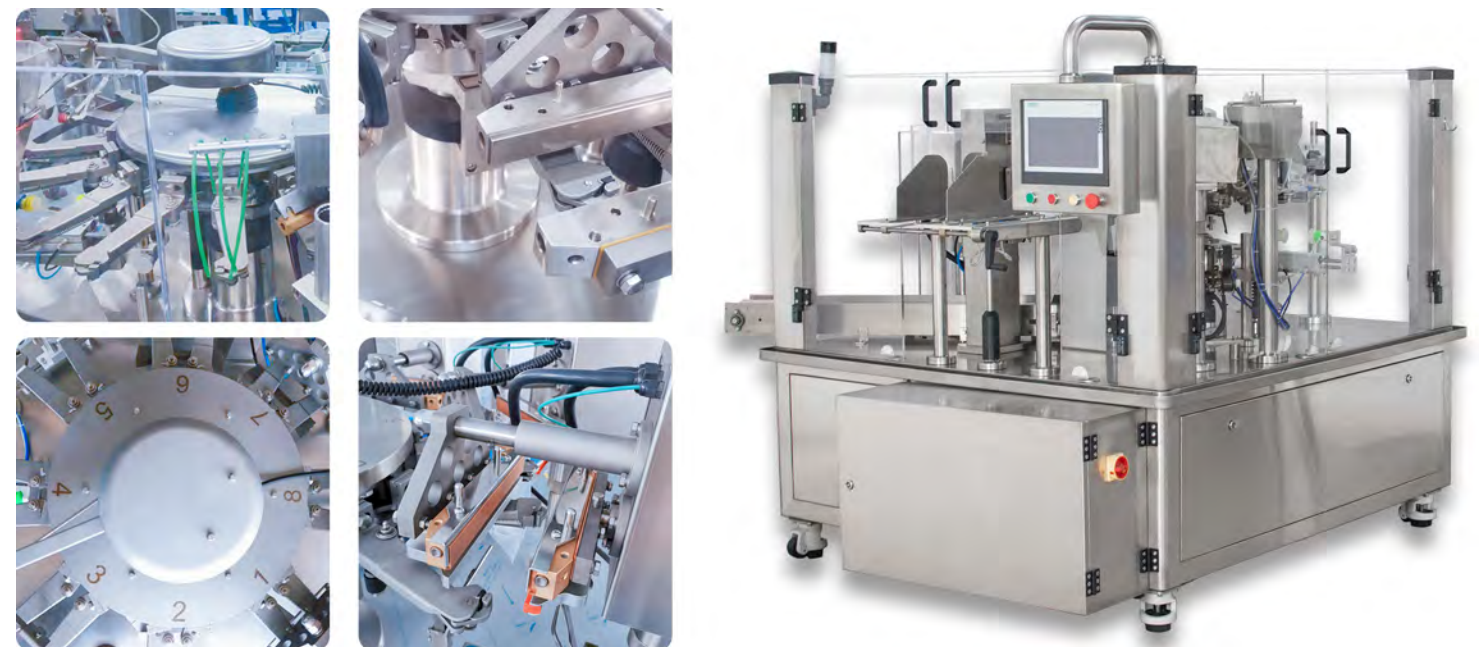


The automatic powder pre-made pouch packaging machine generally connects with the auger screw weighing filling machine to realize the function of automatic pouch feeding, date printing, zipper opening, pouch mouth opening, material filling, pouch mouth cleaning, heat-sealing, cold-sealing and finished pouch output. This solution is mostly applied to pack non-free flow powder products with the size between 60 ~ 100 meshes like wheat flour, rice flour, tapioca Starch, spices, chemical powder, etc.



Machine Model:	SP8-240P	SP8-300P
Dosing Machine:	Auger Screw Weighing Filling Machine	
Packing Weight:	Max. 1000g	Max. 2500g
Packing Speed:	20 ~ 25 Bags/Minute	15 ~ 20 Bags/Minute
Bag Width Range:	100 ~ 240 mm	150 ~ 300 mm
Bag Length Range:	100 ~ 300 mm	200 ~ 450 mm
Station Numbers:	8 Stations	8 Stations
Pouch Pattern:	Flat Pouch / Doy Pouch (With / Without Zipper)	
Power Supply:	AC220/380V 1/3P 50/60Hz Around 6.5KW	AC220/380V 1/3P 50/60Hz Around 7.5KW
Air Supply:	0.6 ~ 0.8Mpa (Around 600 ~800 L/Minute)	
Installation Size:	4620 x 1950 x 2775 mm (For Reference)	4820 x 2150 x 2975 mm (For Reference)
Optional Functions:	Dust Collecting System / Metal Detector / Weight Checker	

- Adopts smart Siemens PLC control and 10" HMI display. Other pneumatic & electrical parts adopt internationally famous brand like Omron temperature control, SMC solenoid valve, AirTac cylinder, Schneider relay, or equal brand;
- Available for the 3-side seal flat pouch and the self-stand-up doy pouch with or without zippers;
- Fully automatic pouch size adjusting system, set on the HMI directly;
- Customized design pattern to follow the user's production requirements;
- Whole machine frame and material contact parts are made of food-level stainless steel;
- Full sets sensor detecting system to ensure automatic alarm and stop. Satey door alarm and stop function.





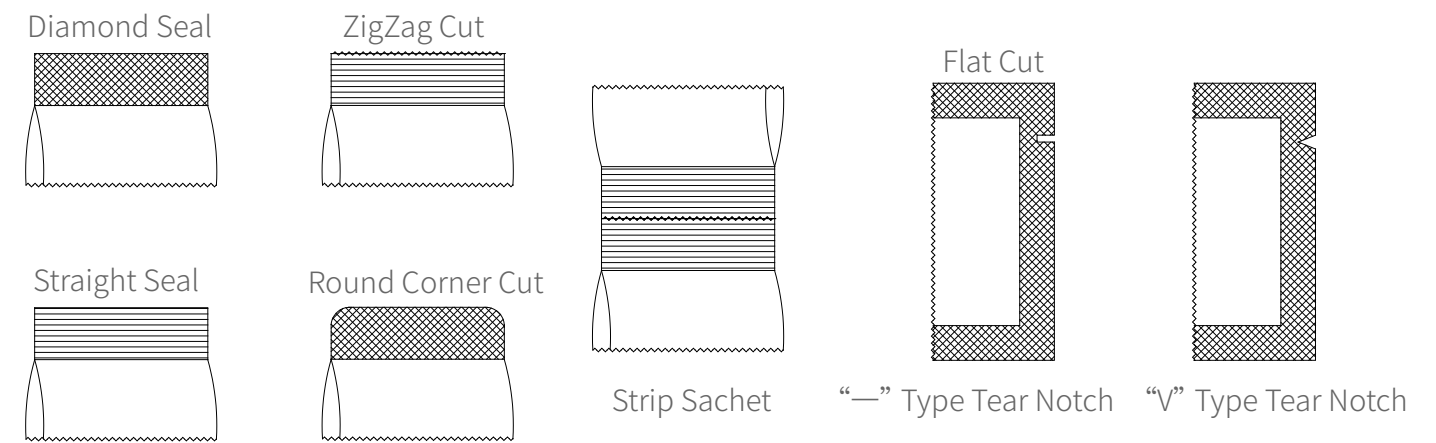


Machine Model:	FB-100	F3-100	F4-100
Sachet Type:	Center-Seal Sachet	3-Side Seal Sachet	4-Side Seal Sachet
Dosing Type:	Auger Screw Dosing System		
Dosing Range:	1 ~ 30g		
Packing Speed:	25 ~ 40 Sachets/Minute		
Sachet Width:	20 ~ 100 mm		
Sachet Length:	30 ~ 160 mm		
Roll Film Material:	Non-Woven Fabric Film / Laminated Composite Film		
Power Supply:	AC220V 1P 50/60Hz Around 1.1KW		
Air Supply:	0.6 ~ 0.8Mpa (300L/Minute)		
Installation Size:	800 x 625 x 1650 mm (For Reference)		

The F-100 automatic powder sachet packing machine unit is a basic economic machine model for packaging non-free flow powder material into the back-seal, 3-side seal, and 4-side seal sachet. The machine unit could perform a stable running speed of 25 ~ 40 sachets/minute. It is widely applied in the milk powder, spices, herbs, instant drinking powder, medicines, chemicals, etc market.



- Realize the function of automatic material dosing, film pulling, date printing, sachet forming, material filling, heat sealing, and sachet cutting on a whole machine unit.
- Adopting Mitsubishi PLC control and the film pulling is controlled by the Panasonic Servo Motor. Each sealing bar has the temperature sensor and the machine shall stop automatically if no sealing so as to avoid waste.
- The whole machine frame and the material contacting parts are all made of food level stainless steel to meet GMP food production needs.
- The sealing style and cutting style (like Flat Cut / Zigzag Cut / Round Corner Cut / String Sachet / Diamond Seal / Strip Seal, etc.) could be customized according to each client's requirements.







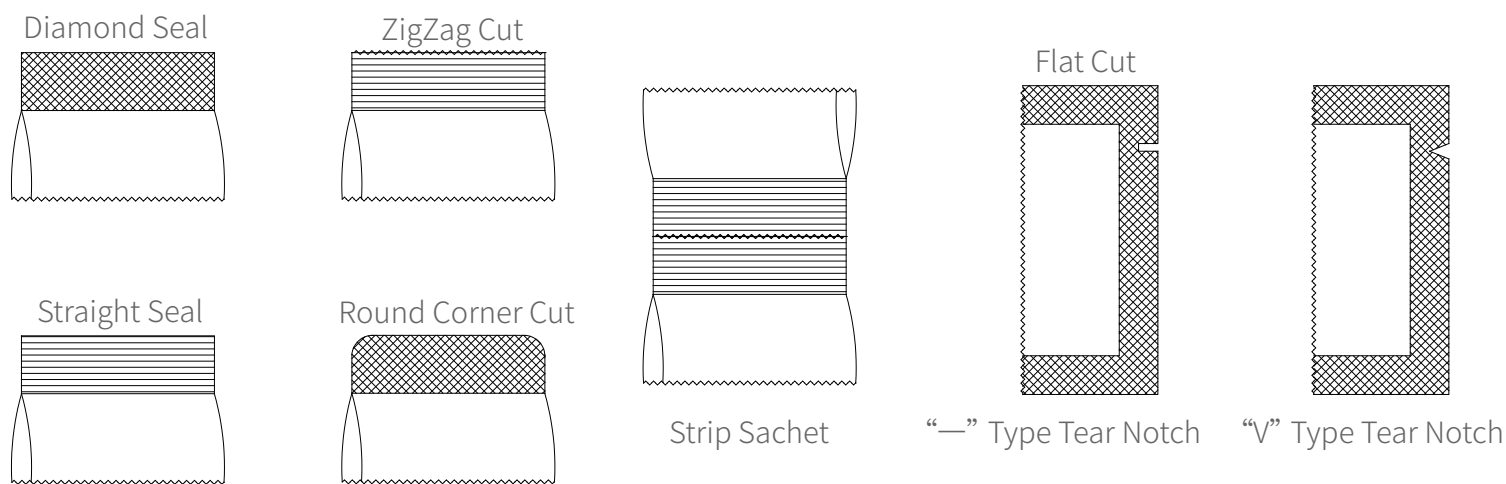
The K - 100 automatic granule sachet packing machine unit is a basic economic machine model for packaging small granule or particle material into the back-seal, 3-side seal, or 4-side seal sachet. The machine unit is of high-standard configuration and could perform a stable running speed of 35 ~ 50 sachets per minute. It is widely applied in the granule tea, spices, herbs, sugar, grains, medicines, chemicals, etc market.



- Realize the function of automatic material dosing, film pulling, date printing, sachet forming, material filling, heat sealing, and sachet cutting on a whole machine unit.
- Adopting Mitsubishi PLC control and the film pulling is controlled by the Panasonic Servo Motor. Each sealing bar has the temperature sensor and the machine shall stop automatically if no sealing so as to avoid waste.
- The whole machine frame and the material contacting parts are all made of food level stainless steel to meet GMP food production needs.
- The sealing style and cutting style (like Flat Cut / Zigzag Cut / Round Corner Cut / String Sachet / Diamond Seal / Strip Seal, etc.) could be customized according to each client's requirements.



Machine Model:	KB-100	K3-100	K4-100
Sachet Type:	Center-Seal Sachet	3-Side Seal Sachet	4-Side Seal Sachet
Dosing Type:	Volumetric Cup Dosing System		
Dosing Range:	1 ~ 30g		
Packing Speed:	35 ~ 50 Sachets/Minute		
Sachet Width:	15 ~ 80 mm	20 ~ 100 mm	
Sachet Length:	50 ~ 130 mm	30 ~ 160 mm	
Roll Film Material:	Non-Woven Fabric Film / Laminated Composite Film		
Power Supply:	AC220V 1P 50/60Hz Around 0.9KW		
Air Supply:	0.6 ~ 0.8Mpa (300L/Minute)		
Installation Size:	950 x 750 x 1780 mm	980 x 880 x 1550 mm	





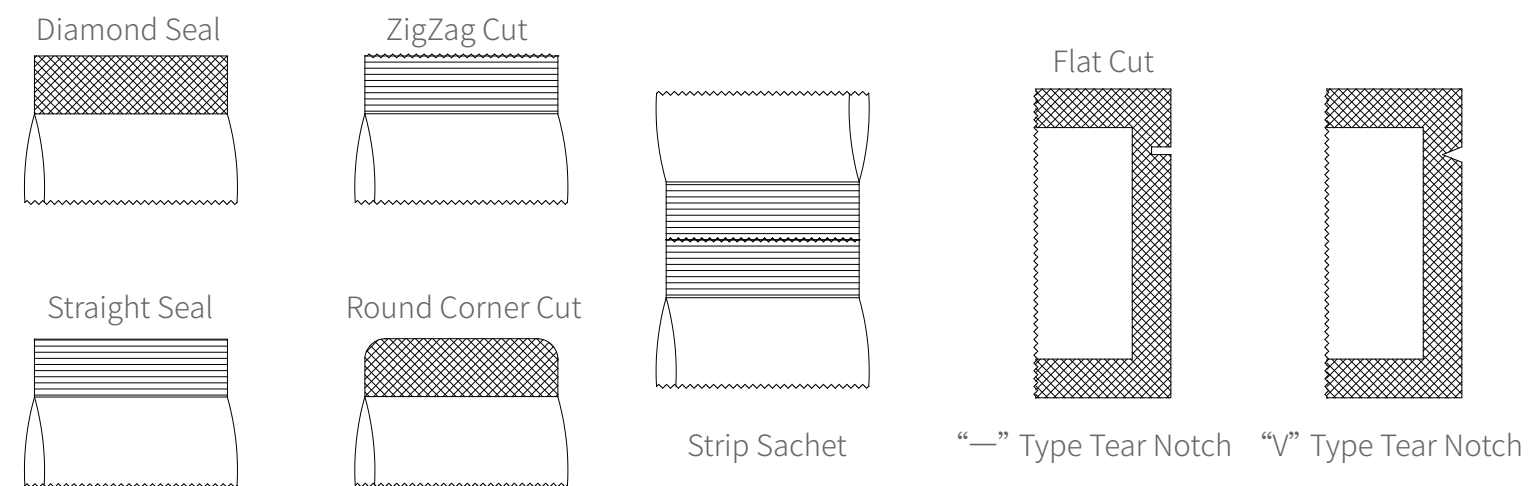


Machine Model:	YB-100	Y3-100	Y4-100
Sachet Type:	Center-Seal Sachet	3-Side Seal Sachet	4-Side Seal Sachet
Dosing Type:	Piston Pump / Ceramics Pump System		
Dosing Range:	1 ~ 30 ml		
Packing Speed:	35 ~ 50 Sachets/Minute		
Sachet Width:	15 ~ 100 mm	25 ~ 100 mm	
Sachet Length:	30 ~ 160 mm	30 ~ 160 mm	
Roll Film Material:	Laminated Composite Film		
Power Supply:	AC220V 1P 50/60Hz Around 1.1KW		
Air Supply:	0.6 ~ 0.8Mpa (300L/Minute)		
Installation Size:	625 x 800 x 1650 mm (For Reference)		

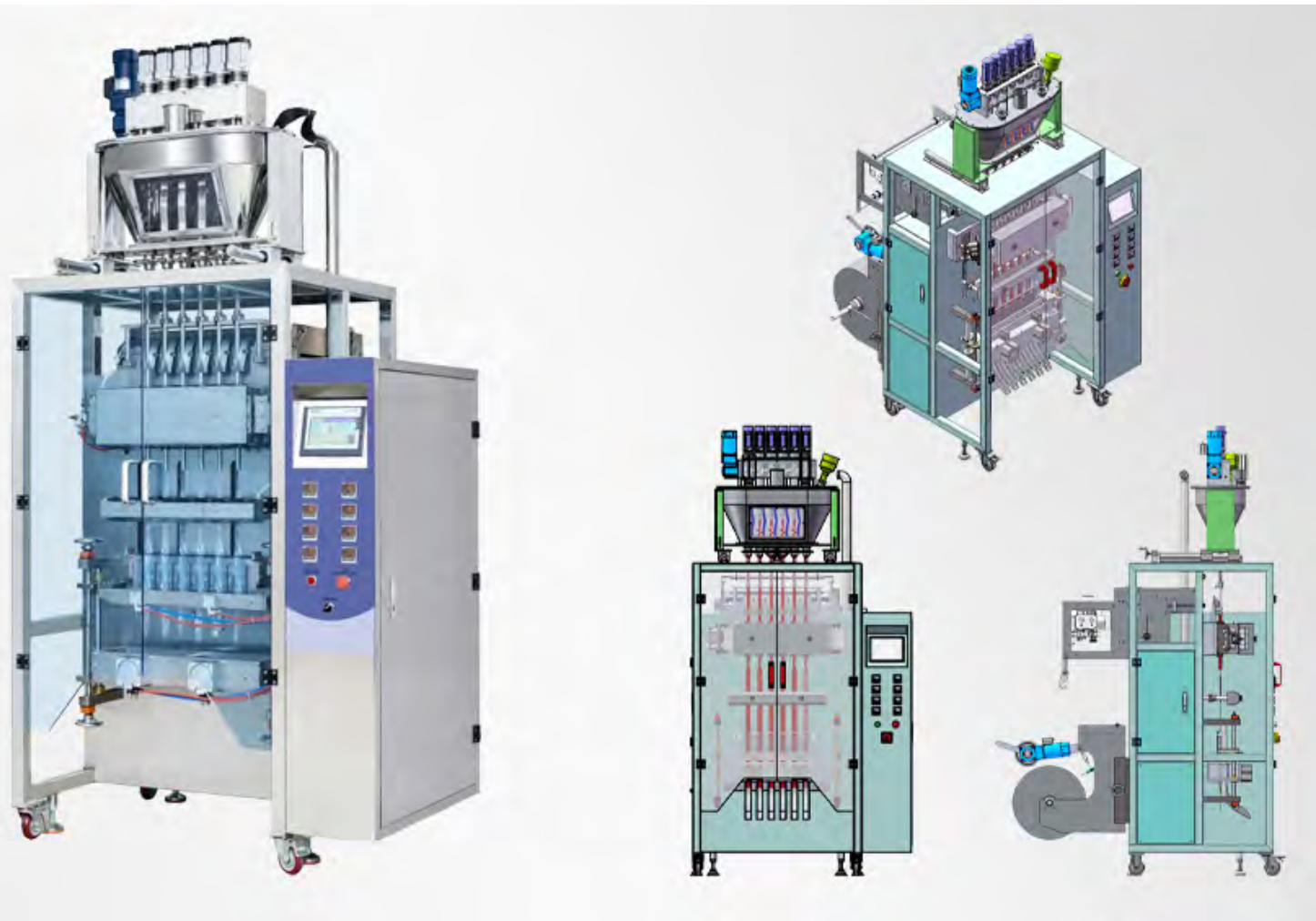
The Y - 100 automatic liquid sachet packing machine unit is a basic economic machine model for packaging liquid or semi-liquid material into the back seal, 3-side seal or 4-side seal sachet. This machine unit is of high-standard configuration and could perform a stable running speed of 35 ~ 50 sachets per minute. It is widely applied for packing shampoo, cream, liquid detergent, water, oil, honey, ketchup, mask, juice, milk, sauce etc. in chemical industry, pharmacy, and foodstuff market.



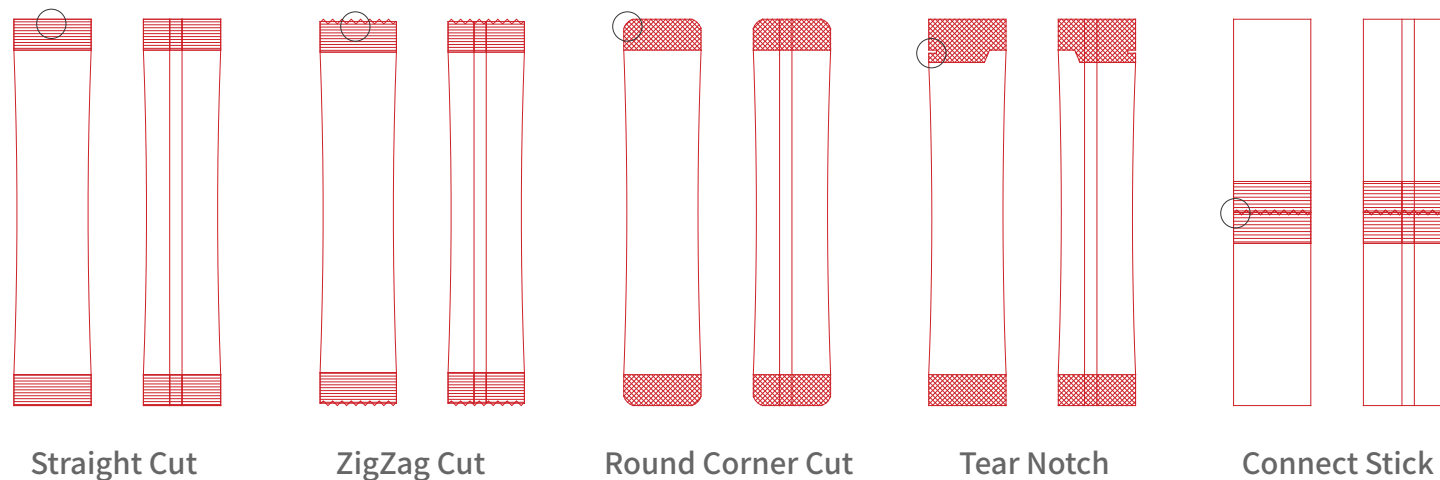
- Realize the function of automatic material dosing, film pulling, date printing, sachet forming, material filling, heat sealing, and sachet cutting on a whole machine unit.
- Adopting Mitsubishi PLC control and the film pulling is controlled by the Panasonic Servo Motor. Each sealing bar has the temperature sensor and the machine shall stop automatically if no sealing so as to avoid waste.
- The whole machine frame and the material contacting parts are all made of food level stainless steel to meet GMP food production needs.
- The sealing style and cutting style (like Flat Cut / Zigzag Cut / Round Corner Cut / String Sachet / Diamond Seal / Strip Seal, etc.) could be customized according to each client's requirements.







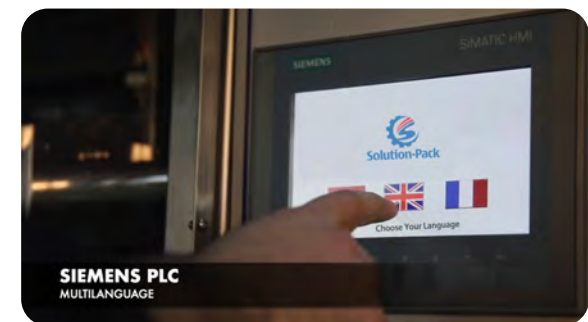
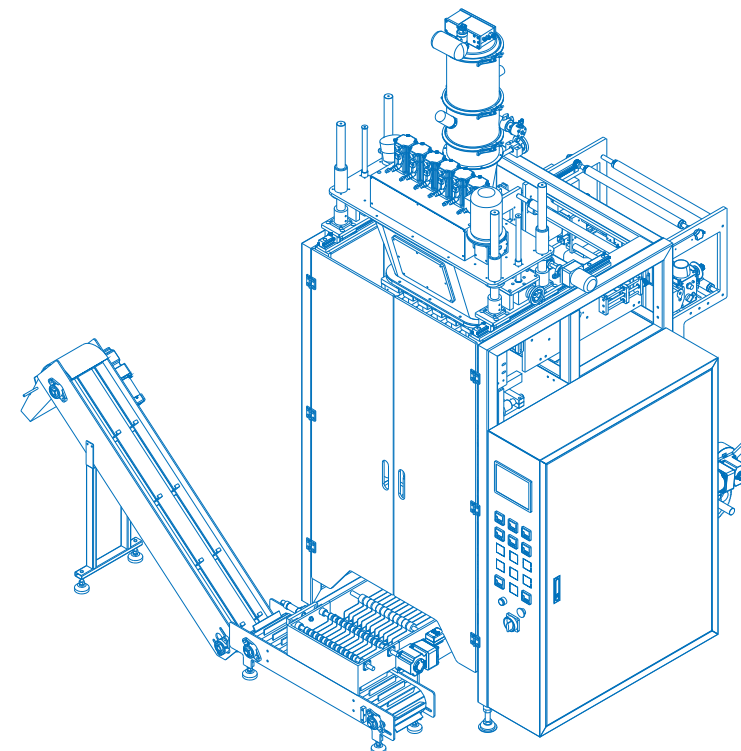
The ML-FB automatic powder multi-lane stick sachet packaging machine unit is designed for producing powder stick sachets at high speed. The machine unit could perform the function of automatic powder dosing, film pulling, date printing, film splitting, sachet forming, material filling, heat sealing, and finished sachets output. This machine model is suitable for non-free flow powder products like coffee, instant drinks, energy drink powders, milk powders, grains powders, etc.



Machine Model:	ML-480FB	ML-680FB	ML-880FB
Dosing System:	Servo Control Auger Screw Doser		
Packing Weight:	1 ~ 50 grams (customized to packaging requirement)		
Lanes Numbers:	3 ~ 6 Lanes	4 ~ 8 Lanes	6 ~ 10 Lanes
Sachet Size Range:	W: 15 ~ 50 mm   L: 50 ~ 150 mm		
Packing Speed:	25 ~ 40 Cycles/Min./Lane (per material features)		
Roll Film Width:	Max. 480 mm	Max. 680 mm	Max. 880 mm
Sachet Type:	Center Back-Seal Stick Sachet		
Sealing Options:	Strip Seal / Diamond Seal		
Cutting Options:	Straight Cut / Zigzag Cut / Round Corner Cut / Connected Cut		
Voltage Supply:	AC220V/380V 1/3P 50/60Hz (customized to target countries)		
Power Supply:	Around 4.2KW	Around 5.2KW	Around 6.2KW
Optional Functions:	Vacuum Elevator System / Auto-Counting & Manual Bagging System		



- Made of mainly stainless-steel 304 construction, SS304 for product touching parts. Adopting heavy-duty design suits for high-speed operation. No waste of film design, no reserved film edge required;
- PLC & Touch screen HMI control, roller type film dividing device;
- Guided servo motorized film pulling device integrated with a horizontal seal. Individual servo auger dosing for each lane and automatic dosing range adjustment by PLC with visible hopper with openable door;
- Intelligent PID temperature controller. The door opens and the machine stops interlock.





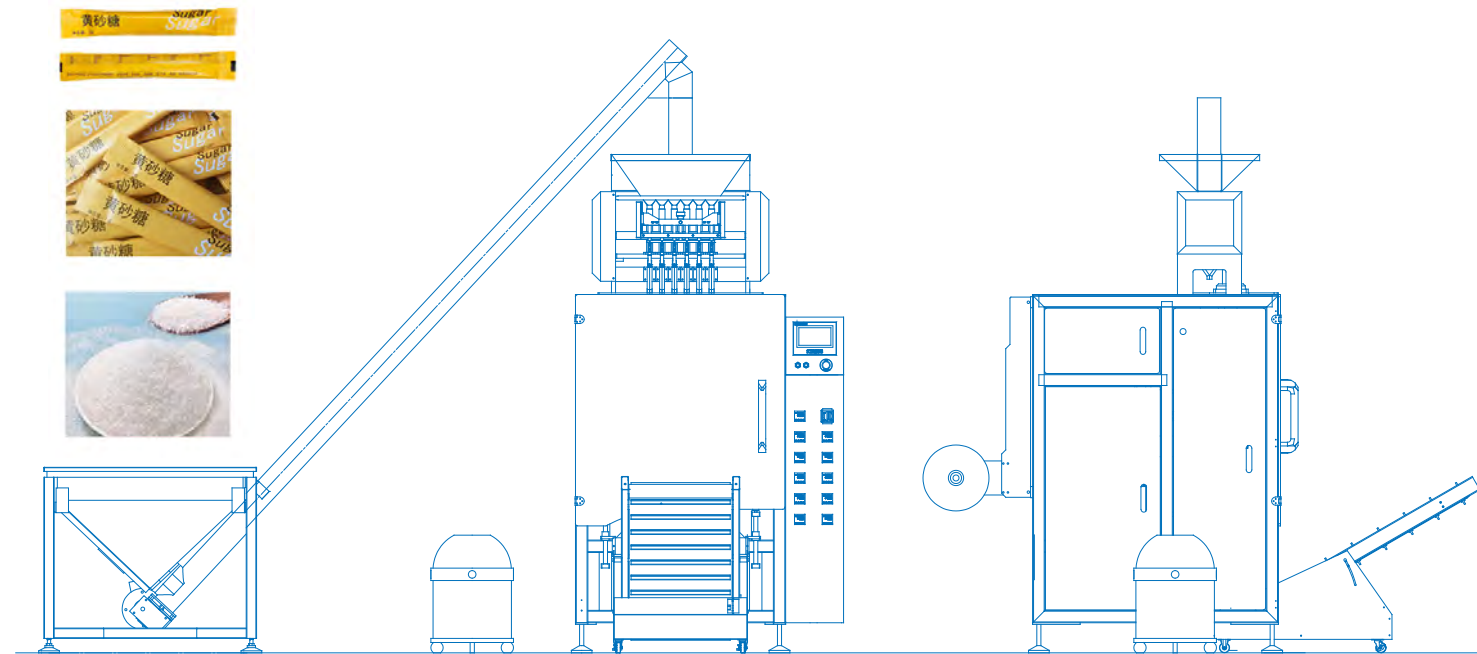
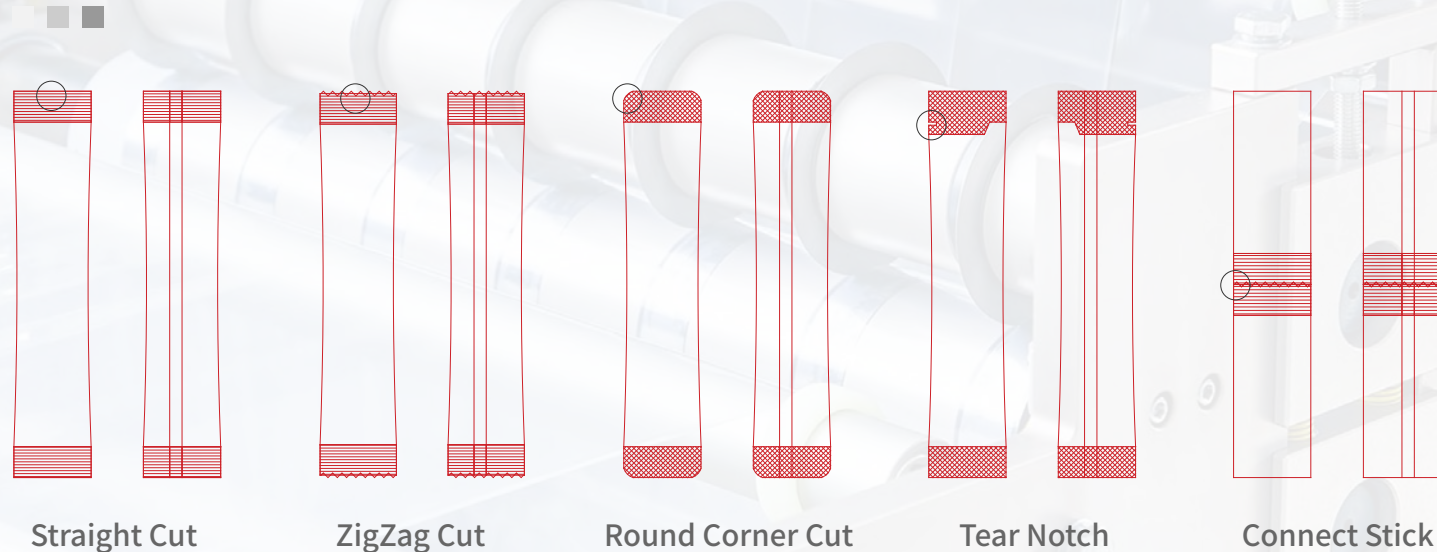


Machine Model:	ML-280KB	ML-480KB	ML-880KB
Dosing System:	Volumetric Cup Dosing System		
Packing Weight:	1 ~ 5g / 5 ~ 20g / 20 ~ 40g (cup volume customized to the weight)		
Lanes Numbers:	2 ~ 4 Lanes	4 ~ 8 Lanes	6 ~ 10 Lanes
Sachet Size Range:	W: 25 ~ 80 mm   L: 30 ~ 160 mm		
Packing Speed:	25 ~ 40 Cycles/Min./Lane (per material features)		
Roll Film Width:	Max. 280 mm	Max. 480 mm	Max. 880 mm
Sachet Type:	Center Back-Seal Stick Sachet		
Sealing Options:	Strip Seal / Diamond Seal		
Cutting Options:	Straight Cut / Zigzag Cut / Round Corner Cut / Connected Cut		
Voltage Supply:	AC220V/380V 1/3P 50/60Hz (customized to target countries)		
Power Supply:	Around 2.7KW	Around 3.3KW	Around 3.6KW
Optional Functions:	Z Type Elevator / Vacuum Elevator System / Auto-Counting & Manual Bagging System		



- Made of mainly stainless-steel 304 construction, SS304 for product touching parts. Adopting heavy-duty design suits for high-speed operation. No waste of film design, no reserved film edge required;
- PLC & Touch screen HMI control, roller type film dividing device;
- Guided servo motorized film pulling device integrated with a horizontal seal. Customized cup doser system to meet each user's specific product features & packaging needs;
- Intelligent PID temperature controller. The door opens and the machine stops interlock.

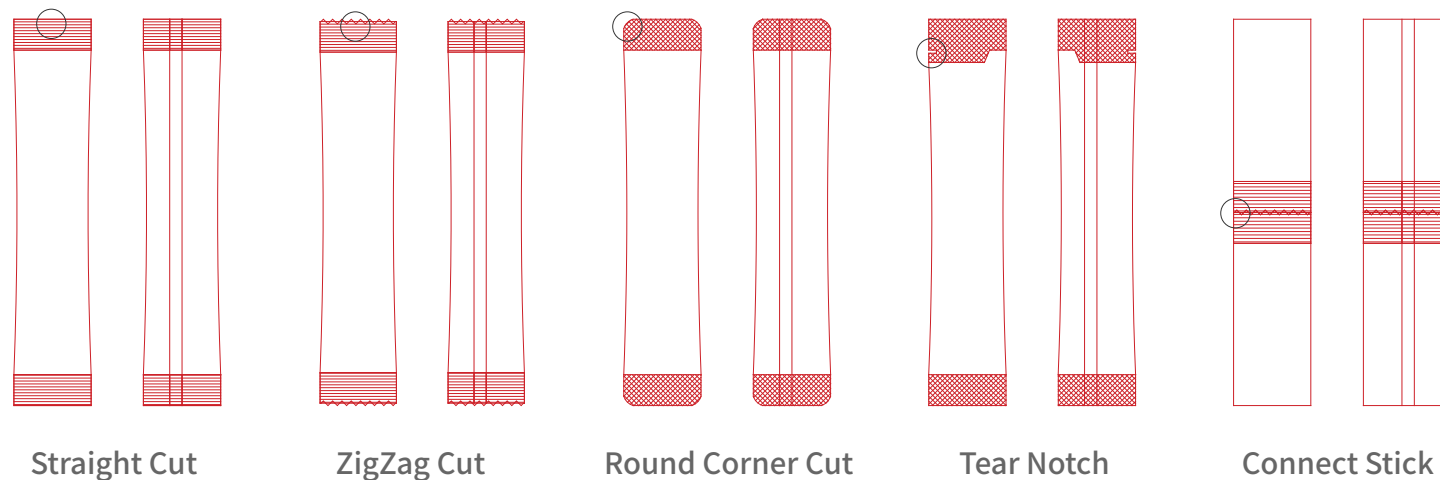
The ML-KB automatic granule multi-lane stick sachet packaging machine unit is designed for producing granule stick sachets at high speed. The machine unit could perform the function of automatic granule dosing, film pulling, date printing, film splitting, sachet forming, material filling, heat sealing, and finished sachets output. This machine model is suitable for small granule or uniform particles like white sugar, medicine granule, energy drinks, broken tea leaves, etc.







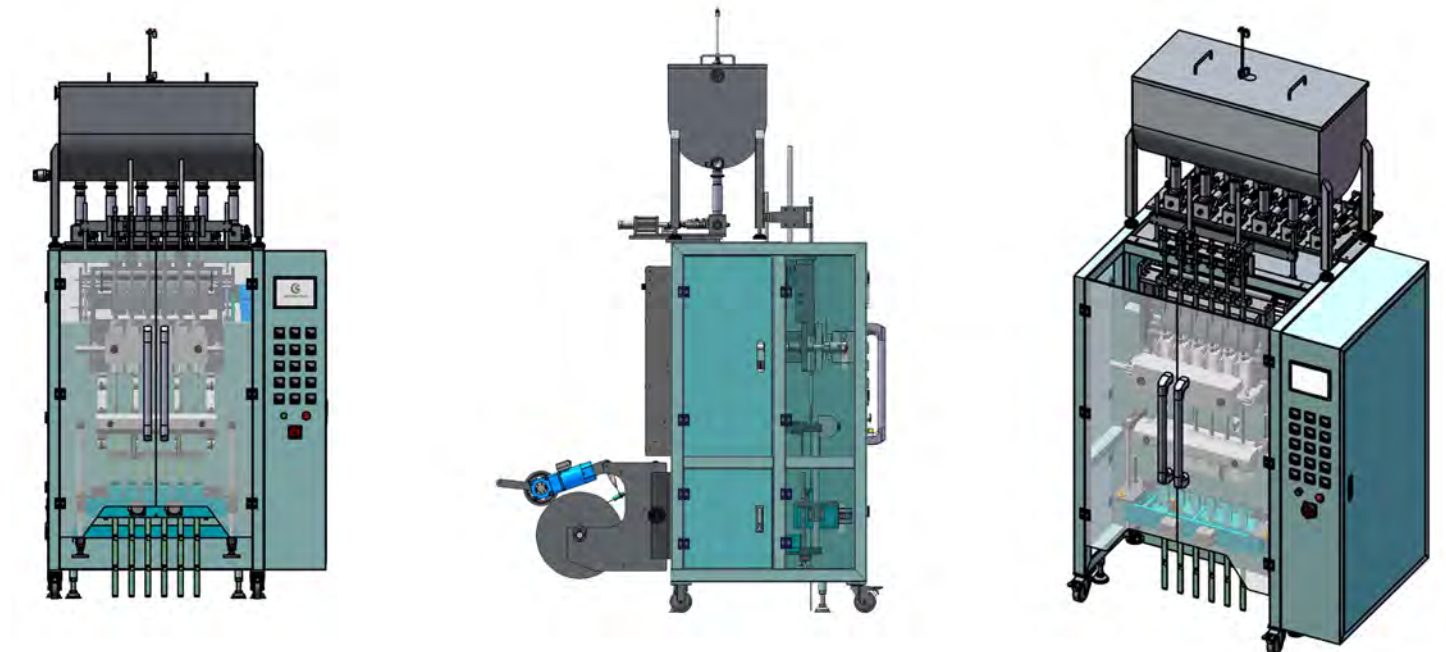
The ML-YB automatic liquid multi-lane stick sachet packaging machine unit is designed for producing liquid stick sachets at high speed. The machine unit could perform the function of automatic liquid dosing, film pulling, date printing, film splitting, sachet forming, material filling, heat sealing, and finished sachets output. This machine model is suitable for liquid and semi-liquid products like water, mouth wash, ketchup, sauce, daily care, shampoo, cannabis oil, etc.



Machine Model:	ML-480YB	ML-680YB	ML-880YB
Dosing System:	Piston Type Liquid Filling Pump		
Packing Weight:	3 ~ 50 grams (customized to packaging requirement)		
Lanes Numbers:	3 ~ 6 Lanes	4 ~ 8 Lanes	6 ~ 10 Lanes
Sachet Width:	15 ~ 50 mm		
Sachet Length:	30 ~ 160 mm		
Roll Film Width:	Max. 480 mm	Max. 680 mm	Max. 880 mm
Packing Speed:	25 ~ 40 Cycles/Min./Lane (per material features)		
Sachet Type:	Center Back-Seal Stick Sachet		
Sealing Options:	Strip Seal / Diamond Seal		
Cutting Options:	Straight Cut / Zigzag Cut / Round Corner Cut / Connected Cut		
Voltage Supply:	AC220V/380V 1/3P 50/60Hz (customized to target countries)		
Power Supply:	Around 4.2KW	Around 5 KW	Around 5.6 KW
Optional Functions:	Constant Temperature Double Jacket Hopper / Stirring System / Liquid Elevating Pump		



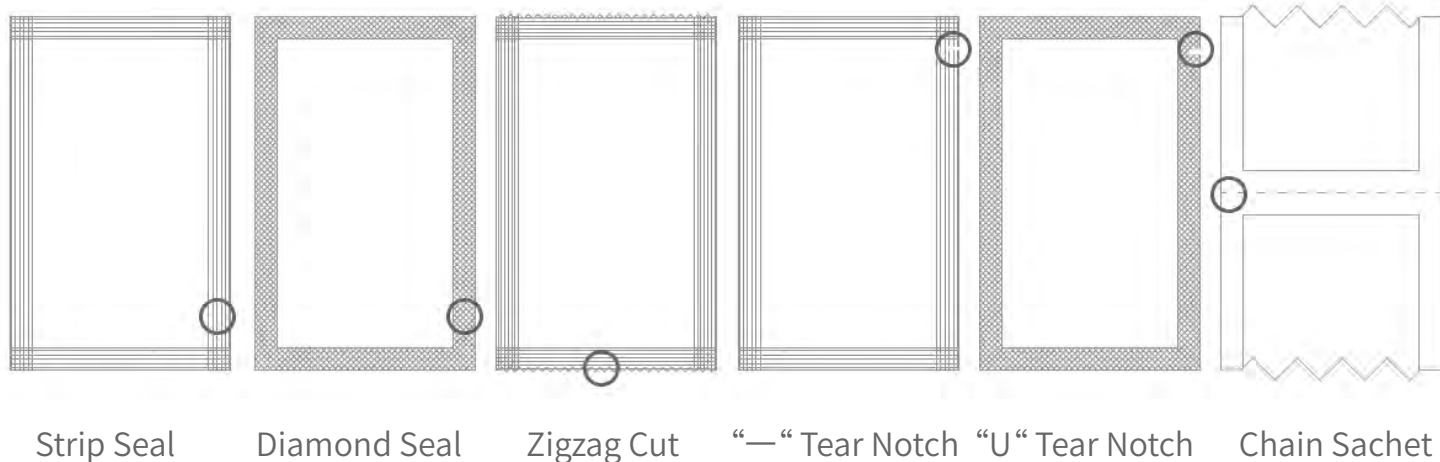
- Made of mainly stainless-steel 304 construction, SS304 for product touching parts. Adopting heavy-duty design suits for high-speed operation. No waste of film design, no reserved film edge required;
- PLC & Touch screen HMI control, roller type film dividing device;
- Guided servo motorized film pulling device integrated with a horizontal seal. Customized liquid filling pump and hopper design to meet different material packaging requirements;
- Intelligent PID temperature controller. The door opens and the machine stops interlock.





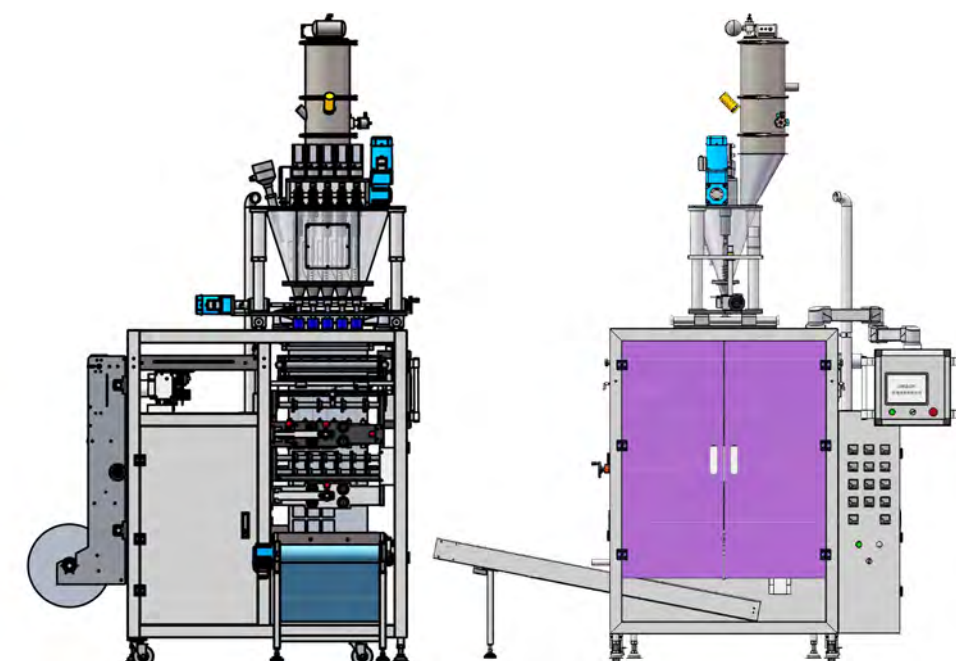


The ML-F4 automatic powder multi-lane 4-side seal sachet packaging machine unit is designed for producing powder sachets at high speed. The machine unit could perform the function of automatic powder dosing, film pulling, date printing, film splitting, sachet forming, material filling, heat sealing, and finished sachets output. This machine model is suitable for non-free flow powder products like coffee, instant drinks, energy drink powders, milk powders, grains powders, etc.



Machine Model:	ML-680F4	ML-880F4	ML-1080F4
Dosing System:	Servo Control Auger Screw Doser		
Packing Weight:	1 ~ 5 ~ 20 ~ 40 grams (customized to packaging requirement)		
Lanes Numbers:	4 ~ 6 Lanes	4 ~ 8 Lanes	6 ~ 10 Lanes
Sachet Size Range:	W: 25 ~ 80 mm   L: 30 ~ 160 mm		
Packing Speed:	25 ~ 40 Cycles/Min./Lane (per material features)		
Roll Film Width:	Max. 680 mm	Max. 880 mm	Max. 1080 mm
Sachet Type:	4-Side Seal Sachet		
Sealing Options:	Strip Seal / Diamond Seal		
Cutting Options:	Straight Cut / Zigzag Cut / Round Corner Cut / Connected Cut		
Voltage Supply:	AC220V/380V 1/3P 50/60Hz (customized to target countries)		
Power Supply:	Around 3.3KW	Around 3.6KW	Around 4.2KW
Optional Functions:	Vacuum Elevator System / Screw Type Elevator System / Laser Printer System		

- Made of mainly stainless-steel 304 construction, SS304 for product touching parts. Adopting heavy-duty design suits for high-speed operation. No waste of film design, no reserved film edge required;
- PLC & Touch screen HMI control, roller type film dividing device;
- Guided servo motorized film pulling device integrated with a horizontal seal. Individual servo auger dosing for each lane and automatic dosing range adjustment by PLC with visible hopper with openable door;
- Intelligent PID temperature controller. The door opens and the machine stops interlock.







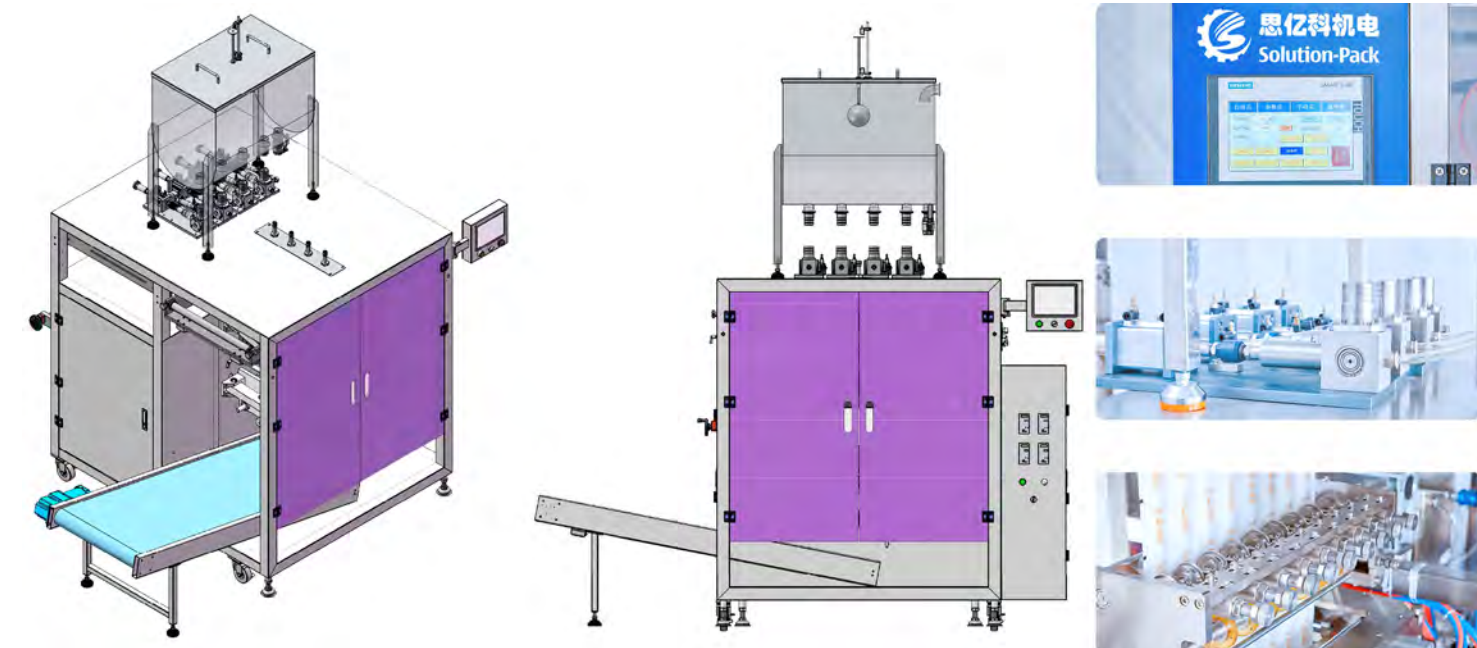
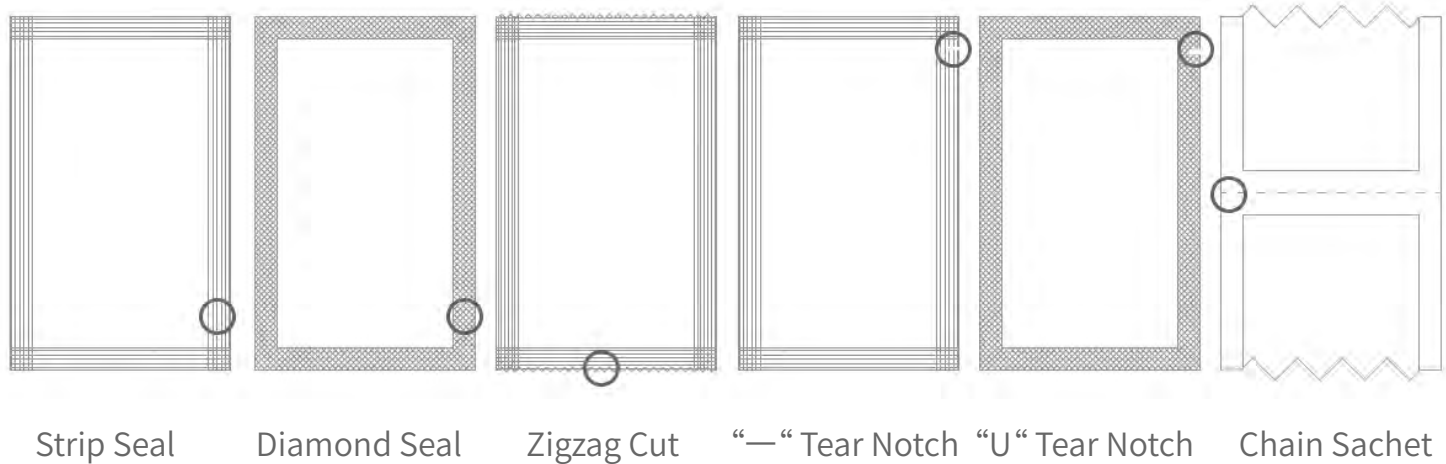
Machine Model:	ML-480Y4	ML-680Y4	ML-880F4
Dosing System:	Piston Type Liquid Filling Pump		
Packing Weight:	1 ~ 30 ~ 70 ml (customized to packaging requirement)		
Lanes Numbers:	4 ~ 6 Lanes	4 ~ 10 Lanes	6 ~ 10 Lanes
Sachet Size Range:	W: 25 ~ 80 mm   L: 30 ~ 160 mm		
Packing Speed:	35 ~ 40 Cycles/Min./Lane (per material features)		
Roll Film Width:	Max. 480 mm	Max. 680 mm	Max. 880 mm
Sachet Type:	4-Side Seal Sachet		
Sealing Options:	Strip Seal / Diamond Seal		
Cutting Options:	Straight Cut / Zigzag Cut / Round Corner Cut / Connected Cut		
Voltage Supply:	AC220V/380V 1/3P 50/60Hz (customized to target countries)		
Power Supply:	Around 2.7KW	Around 3.3KW	Around 3.5KW
Optional Functions:	Constant Temperature Double Jacket Hopper / Stirring System / Liquid Elevating Pump		



- Made of mainly stainless-steel 304 construction, SS304 for product touching parts. Adopting heavy-duty design suits for high-speed operation. No waste of film design, no reserved film edge required;
- PLC & Touch screen HMI control, roller type film dividing device;
- Guided servo motorized film pulling device integrated with a horizontal seal. Customized liquid filling pump and hopper design to meet different material packaging requirements;
- Intelligent PID temperature controller. The door opens and the machine stops interlock.



The ML-Y4 automatic liquid multi-lane 4-side seal sachet packaging machine unit is designed for producing liquid or semi-liquid sachets at high speed. The machine unit could perform the function of automatic liquid dosing, film pulling, date printing, film splitting, sachet forming, material filling, heat sealing, and finished sachets output. This machine model is suitable for liquid and semi-liquid products like water, tomato sauce, mouth wash, ketchup, sauce, daily care, shampoo, cannabis oil, etc.







The industrial heavy-duty bag manual bagging palletizing production line is designed for granule products bagging, stitching, conveying, bag shaping, and robot palletizing. The weighing filling system adopts double hopper design with load cell control. The sewing system has designed the bag mouth guiding system to facilitate and protect the operator. This bagging system is widely applied in seeds, grains, animal feed, aqua feed, chemical fertilizer, and food market.

Machine Model:	HZ5B	HZ25B	HZ50B
Hopper Quantity:	Double Hopper	Double Hopper	Double Hopper
Single Hopper Volume:	25 Liters	49 Liters	96 Liters
Packing Weight:	5 ~ 10KG	10 ~ 25 KG	25 ~ 50KG
Packing Speed:	5 ~ 10 Bags/Minute	5 ~ 10 Bags/Minute	5 ~ 8 Bags/Minute
Applicable Bag Type:	Plastic Bag	Plastic Bag/PP WovenBag/Kraft Paper Bag	
Sealing System:	Heat-Seal	Heat-Seal/Stitching/Folding-Stitching	
Voltage/Power Supply:	AC220/380V 1/3Phases 50/60Hz 1.5~4.5KW (Per Solution Design)		
Machine Weight:	N.W. 100kg/G.W. 150KG	N.W. 250kg / G.W. 300kg	N.W. 350kg / G.W. 450kg

- 1.) Adopting simple operation design with only one labour to work around 300 ~ 480 bags/hour;
- 2.) Using smart HMI display with PLC control, customized hand-switch or foot-switch to release the material into the bags easily;
- 3.) The stitching system shall design the intelligent chain guiding device to protect the operator and improve the operation efficiency effectively;
- 4.) Customized design, could connect with the user's raw hopper and the robot palletizing system.

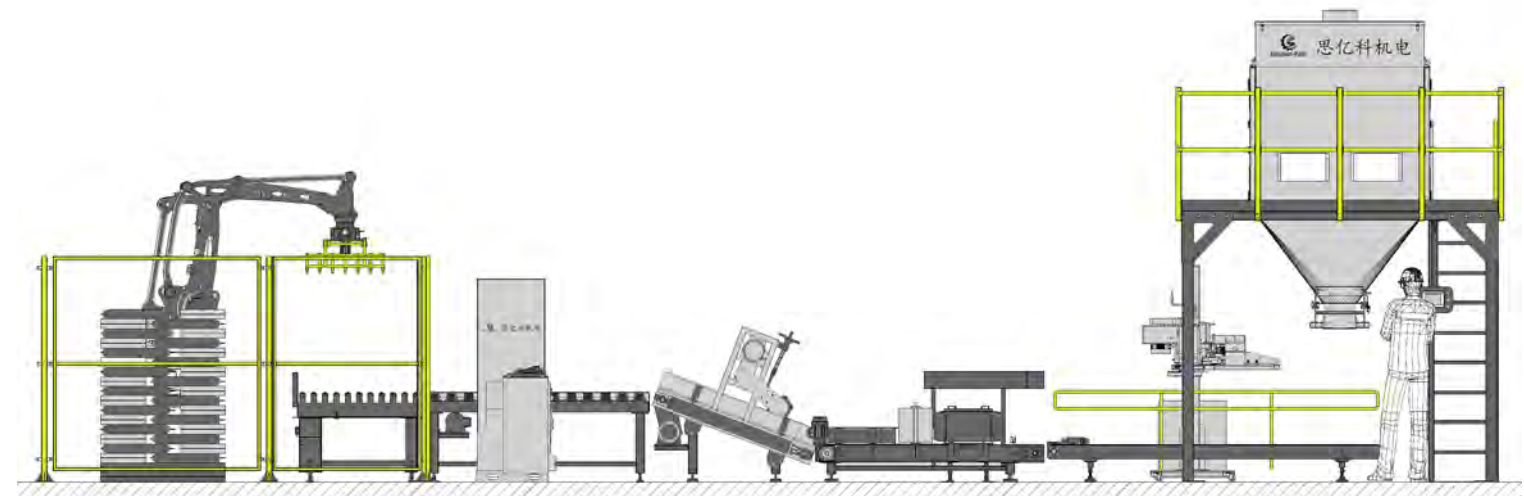


Guiding Stitching

Guiding Folding Stitching

Guiding Heat-Sealing

Manual Bagging Sealing Conveying Robot Palletizing Production Line





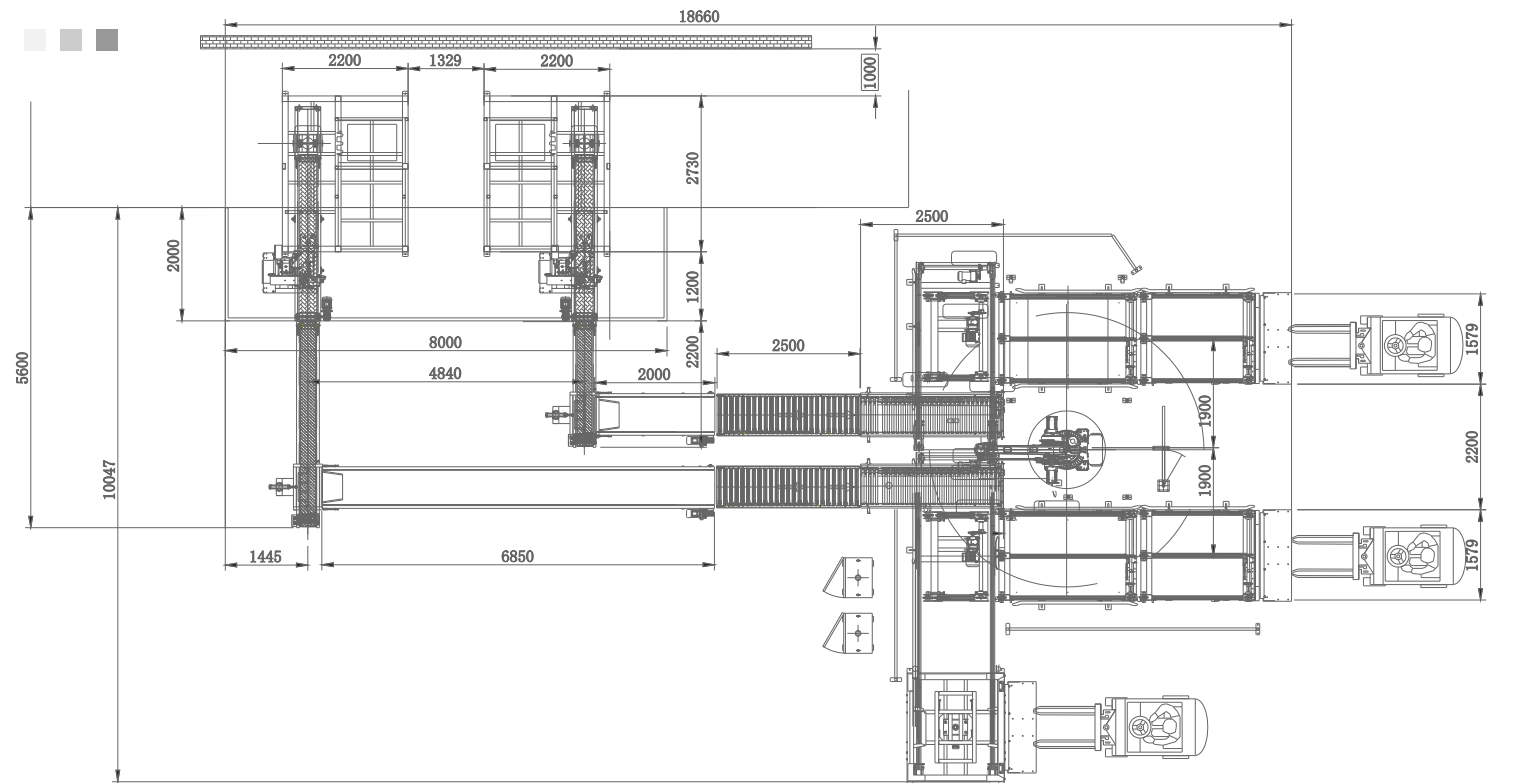


**FULLY AUTOMATIC**  
BAGGING PALLETIZING MACHINE UNIT LINE

The HTB-Z50B automatic heavy-duty bag weighing bagging palletizing production line is an integrated packaging solution. It could realize the function of automatic dosing, bag feeding clamping, material filling, stitching, conveying, and robot palletizing until finished pallet take-away. The whole solution design is customized to the user's factory layout to connect with the raw material silo directly.

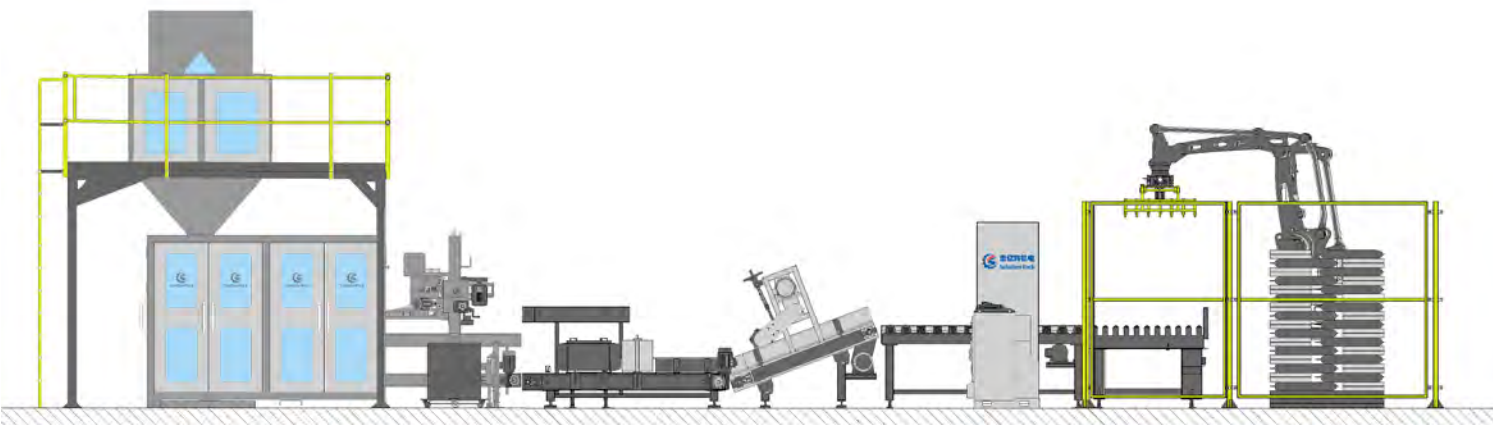
This single production line could reach the capacity of 600 bags/hour. It could also customize two packaging line with one robot palletizer to realize the speed of 1200 bags/hour. This packaging system is widely applied in seeds, grains, animal feed, aqua feed, urea granule, compound fertilizer, organic fertilizer, rice mill, ect market.

Machine Model:	HTB-Z25B	HTB-Z50B
Hopper Quantity:	Double Hopper	Double Hopper
Single Hopper Volume:	49 Liters	96 Liters
Packing Weight:	10 ~ 25 KG	20 ~ 50KG
Packing Speed:	600 Bags/Hour	600 Bags/Hour
Applicable Bag Type:	Flat Type Kraft Paper Bag / Flat Type Coated PP Woven Bag	
Bag Width Range:	450 ~ 550 mm	550 ~ 650 mm
Bag Length Range:	600 ~ 950 mm	600 ~ 1060 mm
Sealing Options:	Stitching / Folding Stitching / Folding Labeling Stitching / Paper Wrapping Stitching	



- Double Hopper Weighing Filling Machine
- Maintenance Working Platform (Optional)
- Automatic Bagging Machine (Flat-Type Bag)
- Automatic Sealing Machine System (Customized)
- Automatic InkJet Printer (Optional)
- Bag Push Down Conveyor
- Slope Bag Shaping Conveyor
- Automatic Checker Weigher & Rejector (Optional)
- Robot Grasper Conveyor
- Robot Grasper + Arm + Stand + System Control
- Automatic Pallet Magazine & Conveyor System
- Automatic In-line Pallet Wrapping Machine (Optional)

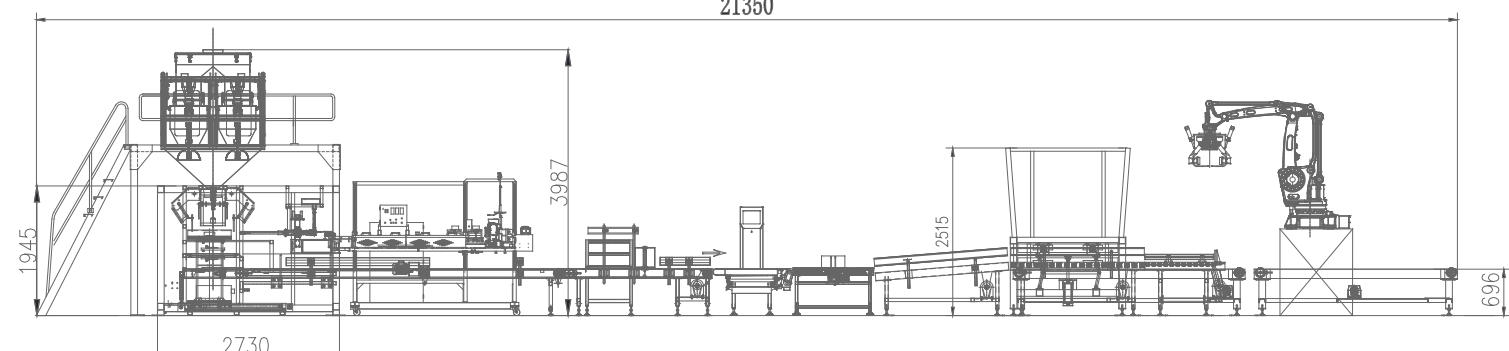
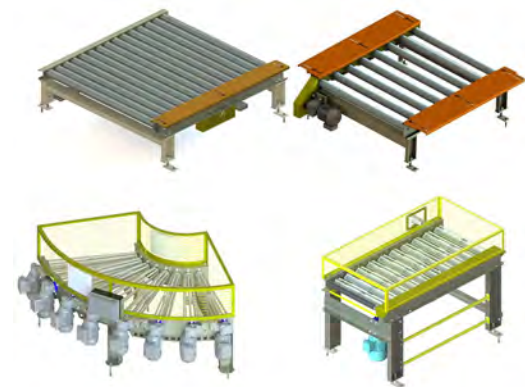
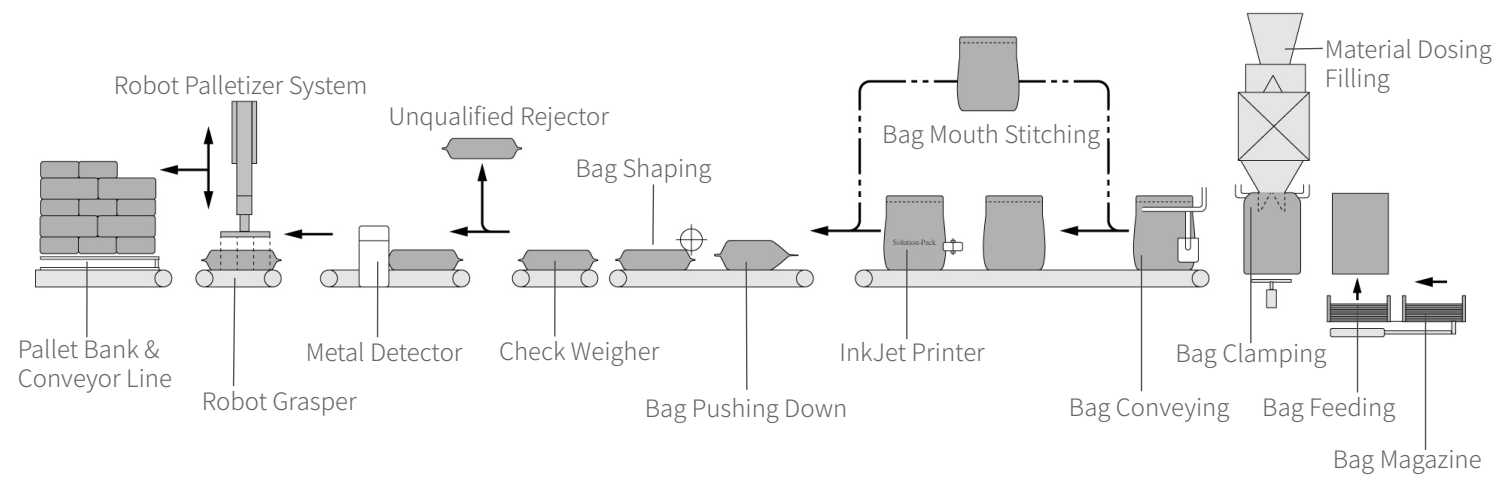




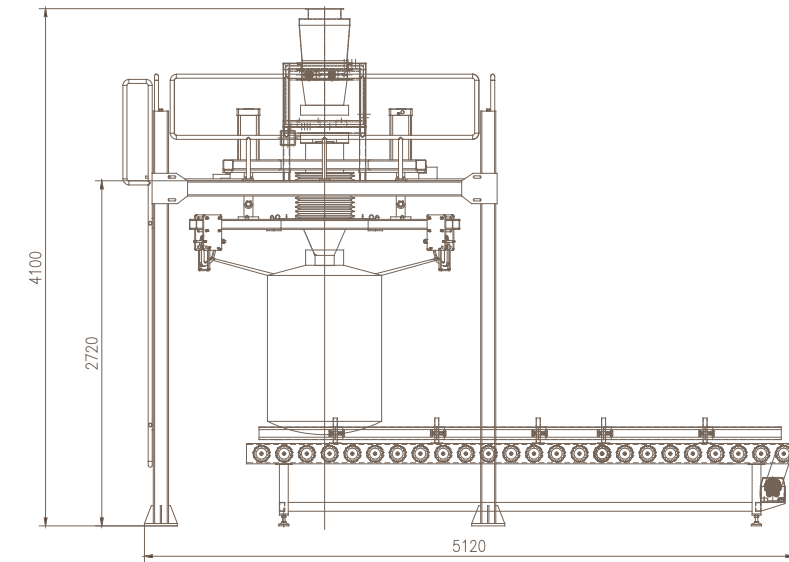
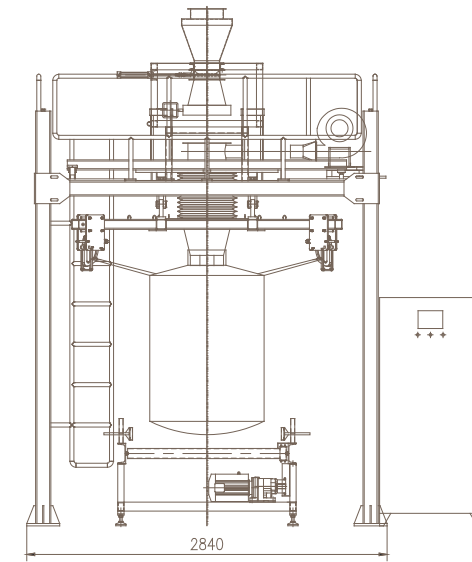
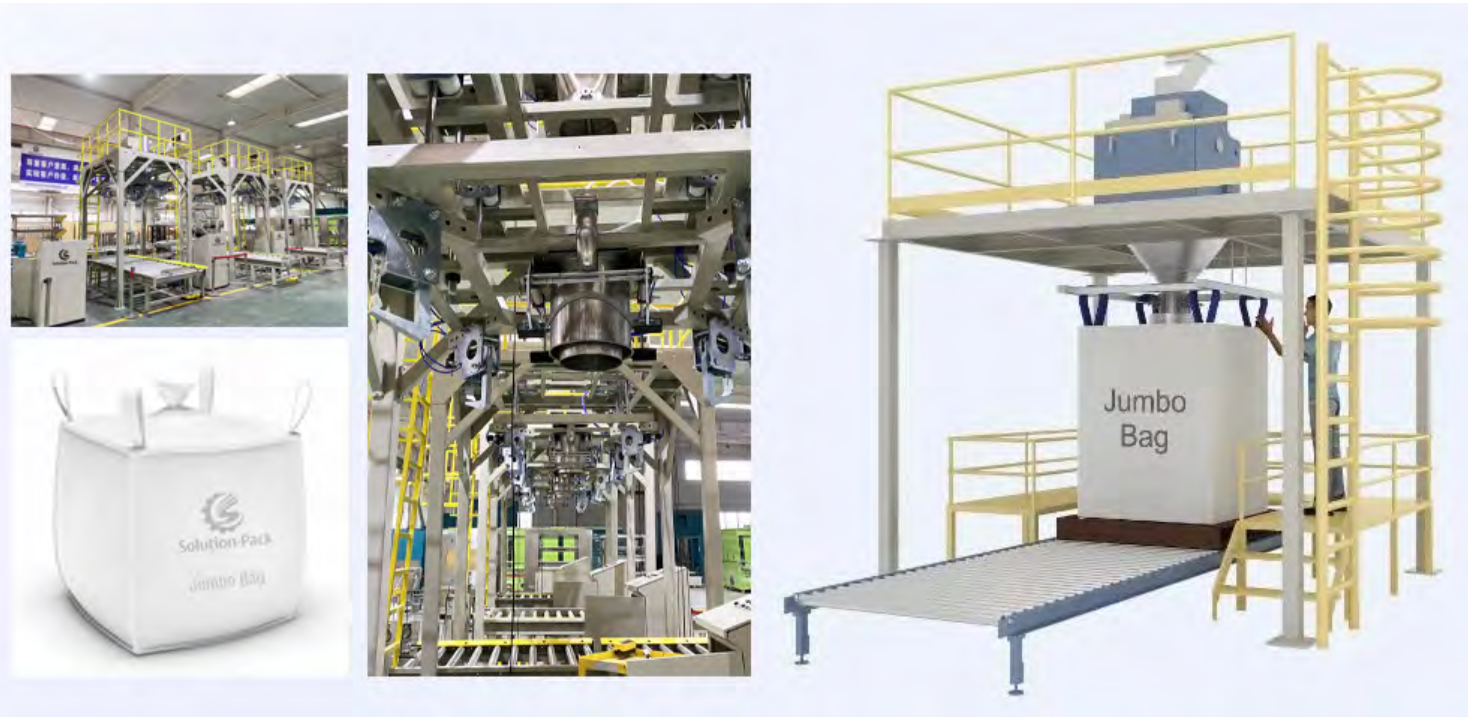
The HTB-Z50BS automatic heavy-duty bag weighing bagging palletizing production line is an integrated packaging solution. It could realize the function of automatic dosing, bag feeding clamping, material filling, stitching, conveying, and robot palletizing until finished pallet take-away. The whole solution design is customized to the user's factory layout to connect with the raw material silo directly.

This single production line could reach the capacity of 600 bags/hour. It could also customize two packaging line with one robot palletizer to realize the speed of 1200 bags/hour. This packaging system is widely applied in seeds, grains, animal feed, aqua feed, urea granule, compound fertilizer, organic fertilizer, rice mill, ect market.

Machine Model:	HTB-Z25BS	HTB-Z50BS
Hopper Quantity:	Double Hopper	Double Hopper
Single Hopper Volume:	49 Liters	96 Liters
Packing Weight:	10 ~ 25 KG	20 ~ 50KG
Packing Speed:	600 Bags/Hour	600 Bags/Hour
Applicable Bag Type:	M Type Kraft Paper Bag / M Type Coated PP Woven Bag	
Bag Width Range:	450 ~ 550 mm (Gusset Depth 50 ~ 80 mm)	550 ~ 650 mm (Gusset Depth 50 ~ 80 mm)
Bag Length Range:	600 ~ 950 mm	600 ~ 1060 mm
Sealing Options:	Stitching / Folding Stitching / Folding Labeling Stitching / Paper Wrapping Stitching	







The HTB-JBK model jumbo bag packaging machine unit is also called ton bag packing machine. It is used to pack raw material into the big jumbo bag automatically. This machine unit requires the manual to hang the P-sling to the hooks which connect with the load cell system. When the weighing filling process finished, the machine could automaticallt loose the P-sling from the hooks and then convey the jumbo bag out.

This machine unit adopts direct filling weighing design for granule products which have good flowing features. The whole system is controlled by PLC with touch screen for easy operation. It is widely used in the rice mill, grains, seeds, animal feed, aqua feed, urea granule, compound fertilizer, plastic granule, etc market.

Machine Model:	HTB-JBK
Hopper Quantity:	Direct Filling Weighing System
Load Cell:	Mettler Toledo
Packing Weight:	500 ~ 1000 KG
Packing Speed:	10 ~ 15 Bags/Hour
Driven Type:	Electric & Pneumatic
Power Supply:	AC380V 3P 50Hz Around 2.8Kw
Air Supply:	0.6~0.8 Mpa Around 1000Liters/Hour
Machine Size:	5000 x 3500 x 4200 mm (For Reference)
Optional Device:	Heavy-Duty Roller Conveyor for Pallet

