

## SUPER SEALER www. yfsupersealer.com



The Y-Fang Group was established in 1985 and incorporates the latest Japanese packaging technologies in the design of our latest Super Sealer machines. We specialize in the design and manufacture of sealing machines for various industrial applications. With over 30 years of manufacturing experience, we are able to produce a wide range of tray sealing machines with a capacity of 450 to 6000 pieces per hour. Our machines can perform a variety of different functions such as auto-dropping, piston filling, date printing, vacuuming, and gas flushing (MAP: Modified Atmosphere Packaging). Furthermore

In order to provide complete solutions and satisfy our customers' demands, Y-Fang Group is continually working on innovating new products that offer more value and functionality.

Customer first, is always the main goal for us. As a leading industrial manufacturing company, we realize the importance of product quality, cost effectiveness, and customer service!







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YF-989

YF-98S

**ET-95SN** 

ET OFNANI

ET-899S

**ET-89M** 

(Mechanical Type)

ET-95MN

ET-999SN



	Machine size WxDxH (mm)	Power supply (V)	weight (kg)	Capacity (Unit / per hour)	Maximum cup size (mm)	Shell material
YF-989	350 x 360 x 610	110 / 220 (400W)	22	450	95 x 95 x 180	ABS
YF-98S	350 x 360 x 610	110 / 220 (400W)	22	450	95 x 95 x 180	ABS
ET-95SN	340 x 360 x 610	110 / 220 (400W)	23	450	95 x 95 x 180	ABS
ET-95MN	340 x 360 x 610	110 / 220 (400W)	25.5	450	120 x 120 x 180	Baked paint
ET-999SN	340 x 390 x 610	110 / 220 (550W)	23	450	95 x 95 x 180	Stainless steel
ET-899S	340 x 360 x 610	110 / 220 (400W)	23	450	95 x 95 x 180	Stainless steel
ET-89M	340 x 390 x 610	110 / 220 (550W)	25	450	120 x 120 x 180	Stainless steel









#### **Characteristic**

- 1.Low-cost, high-yield, to-go / store type necessary business model.
- 2. Suitable for all kinds of material sealing (PP, PE, paper and tearable film).
- 3. Sealing without leakage, safety and health shape the best product image.
- 4. Small-scale production, product testing best helper.
- 5.Intelligent automatic detection fault codes.
- 6. Safety door device design can be used with more confidence.
- 7. Automatic cup design fits with a variety of different cup height adjustment.

8. The new shrink film design allows the machine to quickly remove the film residue after sealing.

9.ET-899: Mechanical operation pairs up with LCD screen.

10.ET-999SN, ET-95SN, ET-95MN; Semiconductor microcomputer control system pairs up with LED display screen.

11.YF-98S, YF-989: The strengthened plastic shell of the latest models is strong, lightweight, and has a variety of color options.

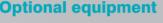
#### **Applicability**

Cups of water, juice, lunch boxes, jelly, pudding, tofu, soy milk, fresh frozen, cold / hot food, breakfast, coffee, handmade drinks shops....

#### **Optional equipment**

Date printer (validity, manufacturing, date, number, English)

Door cover











ET-899S ET-89M

# ET-533 | Tebletop Semi-Auto | S Sealer | ET-58M

	Machine size WxDxH (mm)	Power supply (V)	Machine weight (kg)	Capacity (Unit / per hour)	Maximum cup size (mm)	Shell material
ET-533	350 x 310 x 600	110 / 220 (400W)	22	450	95 x 95 x 180	ABS
ET-58S	340 x 300 x 610	110 / 220 (400W)	20	450	95 x 95 x 180	Stainless steel
ET-58M	340 x 370 x 600	110 / 220 (550W)	27	450	140 x 140 x 180	Stainless steel

- 1.Low-cost, high-yield, to-go / store type necessary business model.
- 2. Suitable for all kinds of material sealing (PP, PE, paper and tearable film).
- 3. Sealing without leakage, safety and health shape the best product image.
- 4. Small-scale production, product testing best helper.
- 5.Intelligent automatic detection fault codes.
- 6. Safety door device design can be used with more confidence.
- 7. Automatic cup design fits with a variety of different cup height adjustment.
- 8. The new shrink film design allows the machine to quickly remove the film residue after sealing.
- 9. Semiconductor microcomputer control is easy to operate; settings can be changed freely, which is closer to the needs of users.
- 10.ET-58: Micro-computer design in multiple function with user-fridently.

#### 11.ET-533:

- It has new inductive touch buttons, an enlarged water tray to prevent the overflow of contents, which keeps the environment around the machine clean.
- Innovative appearance gets rid of the traditional sealer style and adopts a design with good coverage and no exposed parts. In addition, quick-dismounting fixing plate is adopted on the receiving splint to save the time for replacing the sealing film.
- -The new machine is designed to increase the film dust cover to prevent the film from getting dust.

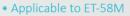
#### **Applicability**

Cups of water, juice, lunch boxes, jelly, pudding, tofu, soy milk, fresh frozen, cold / hot food, breakfast, coffee, handmade drinks shops....

#### **Optional equipment**

Date printer (validity, manufacturing, date, number, English)













**-1-58S** 



**ET-58M** 

### ET-99SU ET-99MU ET-95SF ET-95MF

### ET-9EU ET-9EF

(Syrup Filling)

### **Certified models**

Tabletop semi-Auto S Sealer & Syrup Filling

(Tabletop semi-Auto S Sealer)

	Machine size WxDxH (mm)	Power supply (V)	Machine weight (kg)	Capacity (Unit / per hour)	Maximum cup size (mm)	Shell material	Certification
ET-99SU	340 x 360 x 610	110 / (400W)	24	450	95 x 95 x 180	Stainless steel	
ET-99MU	340 x 390 x 610	110 / (400W)	25.5	450	120 x 120 x 180	Stainless steel	C UL) US LISTED
ET-99SF	340 x 360 x 610	110 / (400W)	24	450	95 x 95 x 180	Stainless steel	UL EPH mark and NSF has the same
ET-99MF	340 x 390 x 610	110 / (400W)	25.5	450	120 x 120 x 180	Stainless steel	NSF has the same effect!
	Machine size WxDxH (mm)	Power supply (V)	Machine weight (kg)	Internal volume (c.c)	Shell material	Number of Keys	Certification
ET-9EU	260 x 360 x 420	110 / (300W)	9.5	8500	Baked paint	24 Keys	CUL US LISTED
ET-9EF	260 x 360 x 420	110 / (300W)	9.5	8500	Stainless steel	24 Keys	UL EPH mark and NSF has the same effect!







ET-99SF / ET-99MF



ET-9EU



ET-9EF



# ET-9CSN ET-9EN

# YF-8E ET-9CSN-S Filling Machine Syrup Filling

	Machine size WxDxH (mm)	Power supply (V)	Machine weight (kg)	Internal volume (c.c)	Shell material	Number of Keys
YF-8E	270 x 390 x 430	110 / 220 (300W)	8.5	8500	ABS	24 Keys
YF-8EP	270 x 390 x 430	110 / 220 (300W)	8.0	8500	ABS	24 Keys
ET-9CSN	220 x 460 x 370	110 / 220 (450W)	9	8000	Baked paint	16 Keys
ET-9CSN-S	220 x 460 x 370	110 / 220 (450W)	9	8000	Stainless steel	16 Keys
ET-9EN	260 x 360 x 420	110 / 220 (300W)	9	8500	Baked paint	24 Keys
ET-9EA	260 x 360 x 420	110 / 220 (300W)	9	8500	Baked paint	24 Keys

#### **Applicability**

For use with a variety of particle-free liquids such as soy sauce, fructose, syrup.

YF-8E (White)



YF-8EP (White)

#### Characteristic

- 1. Drink quality control best helper.
- 2.User-friendly operation interface is easy to use.
- 3. Give sugar fast for 0.5 to 1 second.
- 4. You can set up to remember different flow rates up to 24 groups.
- 5. Professional cam rotation and pump design can detect product viscosity to improve sugar outgoing accuracy.
- 6.ET-9EN, ET-9EA, YF-8E convex rotary design can detect viscosity liquids of high concentration, such as fructose, thick soy sauce, honey, etc.
- 7. The ET-9CSN and YF-8EP pump designs can detect liquids with relatively low concentration, such as sucrose, milk, juice, soy sauce, etc.
- 8. The YF-8E/8EP is the latest model. The special plastic material is strong and lightweight. The control panel angle can be adjusted in three stages.



# YF-8J Filling Machine Powder Filling

	Machine size WxDxH (mm)	Power supply (V)	Machine weight (kg)	Internal volume (c.c)	Shell material
YF-8J	270 x 410 x 480	110 / 220 (75W)	12	3.5 liters dairy creame	ABS

#### **Characteristic**

- 1. The entire machine is made of plastic-steel module, which is sturdy and lightweight.
- 2. Humanized interface, simple operation.
- 3. Computerized quantitative memory settings.
- 4. Give powder accurately, and error is  $\pm 1$  gram.
- 5. Pass SGS inspection; safety and health comply with food regulations.
- 6. Special patented design is easy to clean and maintain; Avoid powder agg lomerating

- 7. Faster working, about 1 to 3 seconds, saving labor costs.
- 8. Drink quality control best helper.

#### **Applicability**

Creamer powder, taro powder, sugar powder, cocoa powder, coffee powder, various powders.







YF-8J



## Pouch Forming Machine FFS: Form-Fill-Sealing

	Machine size WxDxH (mm)	Power supply (V)	Machine weight (kg)	Capacity (L)	Packaging Film width (standard) (mm)	Packaging length (mm)	Filling amount (cc)	
FT-2Δ3	800 x 450 x 1200	110 / 220 (800W/	56	12	180 / 130	30~200	10~200	Ī

#### **Characteristic**

- 1. Miniaturized design, low cost, high yield.
- 2. This machine is suitable for a variety of particle-free liquid packaging; some particles smaller than 5mm can also be used after testing and confirmed.
- 3. Pass SGS inspection; safety and health comply with food regulations.
- 4. Special patented design is easy to clean and maintain.
- 5. Changable former, allow for different size of width & Length (by adjustment).

#### **Applicability**

- 1.Date printer (validity, manufacturing, date, number, English)
- 2.Blender
- 3. Double barrel
- 4. Automatic suction kit



# Filling Machine Piston-Filling

	Machine size WxDxH (mm)	Power supply (V)	Machine weight (kg)	Fillable amount (V)	Filling barrel capacity (L)
ET-9A3	1320 x 420 x 660	110 / 220 (50W)	31	50~300	30
ET-9A10	1320 x 420 x 700	110 / 220 (50W)	35	300~1000	30
ET-9V3	455 x 530 x 1685	110 / 220 (50W)	33	50~300	30
ET-9V10	455 x 530 x 1685	110 / 220 (50W)	37	300~1000	30

#### **Characteristic**

- 1. The entire machine uses #304 stainless steel, easy to clean, disassemble and complies with food hygiene regulations.
- 2. Adjustable speed and flow, quantitative filling are easy to operate.
- 3. Automatic continuous filling or semi-automatic foot pedal control.
- 4. Can be connected to a production line for automation.
- 5. Can be modified into double insulation filling tank.
- 6. Some product particles smaller than 5mm can also be used after being confirmed through testing.

#### **Applicability**

Suitable for filling the material of high concentration, non-particles and small particles as follows:

Food:Royal jelly, salad dressing, thick soy sauce, soy sauce stock, soy milk, salad oil, mineral water, rice wine, pepper sauce, and other flowing liquid.

Chemical industry: Toothpaste, pearl cream, facial cleansers, facial creams, shower gels, perfumes, essences, lotions, inks and other flowing fluids.



## YF-100

## **Banding Machine**

Widely used in food of various shops, convenience stores, supermarkets, processing plants and exquisite gift packaging.

	Machine size WxDxH (mm)	Power supply (V)	Speed sycle / min	Maximum cup size (mm)
YF-100	1000 x 630 x 1600	220 (800W)	15	240(W) x150 (H)

#### **Characteristic**

- 1. With simple and rapid speeds, the manual hand can place 10, to 15 boxes (bars) per minute, which can effectively reduce labor and packaging costs.
- 2.The human-machine interface uses electronic touch screen menu display and pairs up with the PLC main control system.
- 3. The highest point of the machine is the bow rack is 150 mm and the width is 240 mm. It can be applied to various containers.
- 4. The force of the straps can be adjusted to ensure the containers are not damaged or deformed after packaging.
- 5. The structure is strong, with the whole machine being manufactured from stainless steel and anti-corrosion aluminum alloy, which is in line with food hygiene regulations.
- 6.It can be used in series with a conveyor belt, and be paired with a sealer to complete a whole process from sealing to strapping and can pair up with thermal transfer and ink jet printing machine.
- 7. The multiple strapping machines can be connected, and connected with the production line automation and create higher efficiency.

#### **Applicability**

This strapping machine can be widely used in a variety of product strap packaging, including food and gift packaging, upper and lower boxed goods... and so on in convenience stores, hypermarkets, in homes and at processing plants. In addition, several products can be bundled into a group as a promotional package, and the gift box cover can be fixed on the upper and lower boxes. The band adhesive film can be also print a company's custom image for advertisements as well as product content component descriptions.

#### **Optional equipment**

- Inkjet date printer (validity, manufacturing, date, number, English)
- 2. Conveyor (automation efficiency is better)

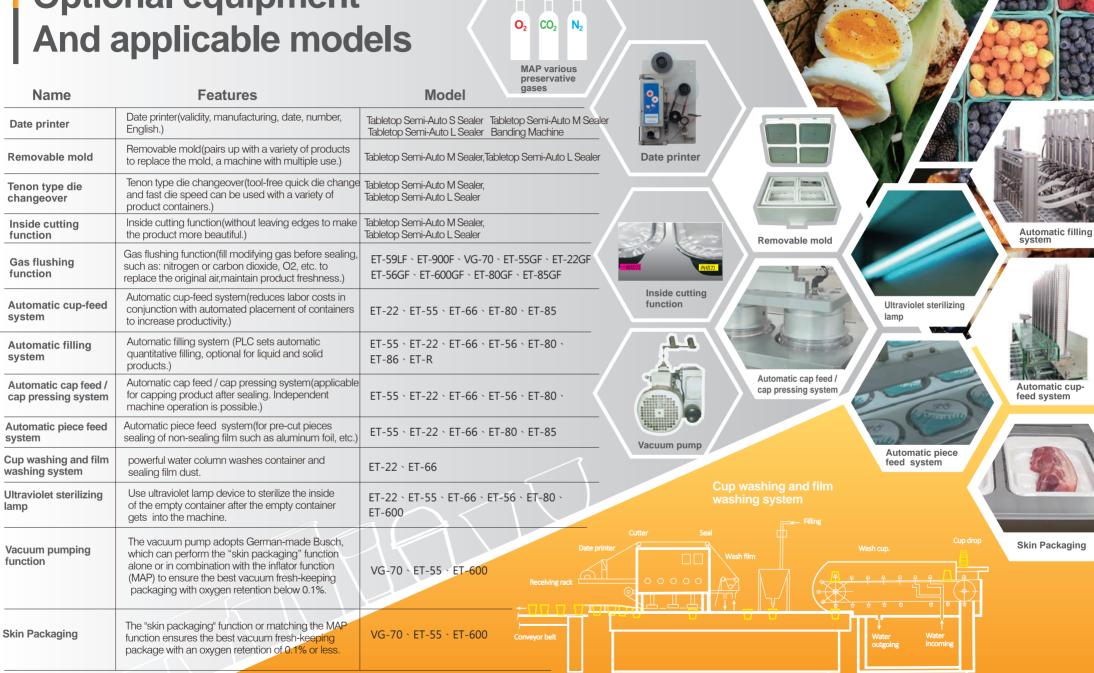








# **Optional equipment**



XAII options needs according to products, container, and package type to decide could use or not.

## High gas barrier anti-fog film application / Matching container specification list











Name / Specifications	Quantity in box	Minimum order	Outside Diameter
A-20 Lining / Natural color	1350 units / pieces	20 items	195x135x20
A-30 Lining / Natural color	1350 units / pieces	20 items	195x135x30
A-40 Lining / Natural color	1350 units / pieces	20 items	195x135x40
A-50 Lining / Natural color	1350 units / pieces	20 items	195x135x50
A-70 Lining / Natural color	1000 units / pieces	20 items	195x135x70
D-20 Lining / Red	1500 units / pieces	20 items	165x120x20
D-30 Lining / Red	900 units / pieces	20 items	165x120x30
D-40 Lining / Red	900 units / pieces	20 items	165x120x40
Z-35 Lining / White	1000 units / pieces	20 items	220x170x35
Z-45 Lining / White	1000 units / pieces	20 items	220x170x45
Z-55 Lining / White	800 units / pieces	20 items	220x170x55
Z-65 Lining / White	800 units / pieces	20 items	220x170x65
Z-75 Lining / White	600 units / pieces	20 items	220x170x75 Remark that it takes 30 working days.

#### **Protective film characteristics:**

- High gloss and transparency are suitable for retail markets, shopping malls selling environment.
- Excellent anti-fog property can clearly show the freshness of food.
- High extensive strength and puncture resistance can protect the product from external forces that cause food damage.
- Superior gas barriers can extend the freshness and shelf life of food.

#### **Product superiority introduction:**

Haze, gloss, and gas barrier properties of anti-fog films and other films

Physical characteristics	Unit	Anti-fog film	Other film	Test standard
	I			ASTM
Haze	0%	1.6	6.2	D1003
Gloss	0%	143	121	ASTM
Gioss	070	143	121	D523
Gas barrier	harrior			ASTM
23°C 0% RH	(cc/m²· day · atm)	22	22	D3985

## Anti-fog film property and characteristics

#### Anti-fog film air permeability

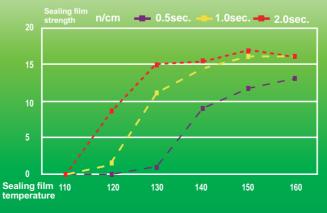
Breathability (cc/m²· day · atm)

	5℃ 0% RH	6
<b>O</b> 2	10℃ 0% RH	9
	15℃ 0% RH	15
	23℃ 0% RH	22
<b>N</b> 2	23°C 0% RH	3.5
CO2	23°C 0% RH	88

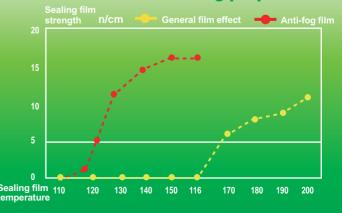
#### **Anti-fog film temperature characteristics**

Anti-fog film can reach about -70 degrees frost resistance. It is not suitable for high temperature environments. At temperatures between 50 ~ 60 degrees there will be a film shrink phenomenon, but room temperature is acceptable.

#### **Anti-fog film sealing**



### Compared with other films, anti-fog films have excellent anti-fog properties.



# High gas barrier anti-fog film application / Y-Fang Sealer with Anti-Fog film

#### Film width x Length

	230mm	x 1000M	
	250mm	x 1000M	Ī
	270mm	x 1000M	
	300mm	x 1000M	
	470mm	x 1000M	

#### **Characteristic**

- 1. High tensile strength and puncture resistance can protect the product from external forces that cause damage to food products.
- 2.After being fused and sealed with HDPE containers, it is stored in the environment of -50 and -70°C without breaking.
- 3.The EVOH layer has excellent gas barrier, anti-fogging and transparency properties after packaging, and can be used with nitrogen-filled models to increase the freshness, which clearly shows the freshness of food.
- 4.The film has shrinkage characteristics, and the remaining edges of the sealing knife cutting will shrink inwards, leaving no residual edge. This allows packaging appearances to be more refined and beautiful.
- 5. This product's material is thin, and can be used with thermal transfer ink jet printing or with the Yi-fang banding machine to print related product introductions.

## **Transparent and fogless Product sales optimization!**

Fogless in refrigeration!

Tabletop manual sealer + anti-fog film

No residue edge left after sealing

With nitrogen filling machine, freshness can be kept longer.

#### **Applicability**

- 1.High gloss and high transparency can be used in supermarkets, convenience stores, hypermarkets, and stores of refrigerated, frozen, food display cabinets shopping environment.
- 2. Vegetables, fruits, agricultural products packaging.
- 3. Hot food packaging such as braised dishes, sushi and so on.



ET-49M Semi-Auto tabletop M sealer



YF-100

Banding machine
Optional equipment:
Inkjet / Conveying system
(Company image and product introduction are printable.)



ET-900

Tabletop semi-auto M sealer

# ET-69M

# ET-39M ET-49M Tabletop Semi-Auto M Sealer

Motor type

	Machine size WxDxH (mm)	Power supply (V)	Machine weight (kg)	Capacity (Unit / per hour)	Maximum cup size (mm)	Shell material
ET-39M	420 x 490 x 700	110 / 220 (600W	/) 40	250	220 x 170 x 120	Stainless steel
ET-49M	500 x 560 x 700	110 / 220 (600W	/) 53	250	270 × 200 × 120	Stainless steel
ET-69M	310 x 500 x 720	110 / 220 (450W	/) 58	400	180 x 160 x 100	Stainless steel

ET-39



1.Date printer (validity, manufacturing, date, number, English)

2.Removable mold (pairs up with a variety of products to replace the mold, a machine with multiple use.)





#### Characteristic

- 1.Stalls, storefronts, and factories are all suitable.
- 2.Limited space creates unlimited benefits.
- 3. Suitable for all kinds of material sealing (PP, PE, paper and tearable film).
- 4. Sealing without leakage, safety and health shape the best product image.
- 5.Small-scale production, product testing best helper.
- 6. Automatic cup jacking design fits with the adjustment of various container heights.
- 7.Intelligent automatic detection fault codes.
- 8. Semiconductor microcomputer control is easy to operate; settings can be changed freely, which is closer to the needs of users.
- 9. Can be used to replace blank / printing film.

#### **Applicability**

All kinds of snacks and other hot food products, juice, lunch box, pudding, tofu, frozen food, fresh agricultural and fishing products, cosmetics, pharmaceuticals, deli, salads, pickles and other food...



# (MAP)

# ET-59L ET-59LF Tabletop Semi-Auto M Sealer Motor type / Gas flushing Function (MAP)

<b>ET- 59L</b> 370 x 400 x 660 110 / 220 (600W) 60 400 220 x 170 x 120 Stainless steel <b>ET- 59LF</b> 350 x 560 x 820 110 / 220 (650W) 65 300 220 x 170 x 120 Stainless steel		Machine size WxDxH (mm)	Power supply (V)	Machine weight (kg)	Capacity (Unit / per hour)	Maximum cup size (mm)	Shell material
	Ī		,	·			Stainless steel Stainless steel



- 1. Stalls, storefronts, and factories are all suitable.
- 2.Limited space creates unlimited benefits.
- 3. Suitable for all kinds of material sealing (PP, PE, paper and tearable film).
- 4. Small-scale production, product testing best helper.
- 5. Automatic cupping design fits with the adjustment of various container heights.
- 6.Intelligent automatic detection fault codes.
- 7. Semiconductor microcomputer control is easy to operate; settings can be changed freely, which is closer to the needs of users.
- 8. Can be used to replace blank / printing film.
- 9. Can be used with single-cavity, dual-cavities, to increase production capacity and quantity.
- 10.ET-59LF series: gas replacement MAP, date printer and removable mold function.
- 11.ET-59LF can be optionally equipped with MAP function (fill blending gas before sealing, such as nitrogen, carbon dioxide, or O2... and other gases to replace the original air, maintain product freshness.)

#### **Applicability**

All kinds of snacks and other hot food products, juice, lunch box, pudding, tofu, frozen food, fresh agricultural and fishing products, cosmetics, pharmaceuticals, deli, salads, pickles and other food...

Removable mold

ET-59L

Only ET-59LF can choose MAP.



1.Date printer (validity. manufacturing, date, number, English)

2. Removable mold (pairs up with a variety of products to replace the mold, a machine with multiple use.)





Film sensor







# (MAP)

# ET-900 ET-900F Tabletop Semi-Auto M Sealer Pneumatic type/ Gas flushing Function (MAP)





#### Characteristic

- 1.Stalls, storefronts, and factories are all suitable.
- 2. Limited space creates unlimited benefits.
- 3. Suitable for all kinds of material sealing (PP, PE, paper and tearable film).
- 4. Small-scale production, product testing best helper.
- 5. Automatic cup jacking design fits with the adjustment of various container heights.
- 6.Intelligent automatic detection fault codes.
- 7. High safety cover device design.
- 8. Semiconductor microcomputer control is easy to operate; settings can be changed freely, which is closer to the needs of users.
- 9.Can be used to replace blank / printing film.
- 10. Can be used with single-cavity, dual-cavities, 4 carities to increase production capacity and quantity.
- 11.ET-900 series: It can be used with inside cutting, gas replacement MAP, date printer and removable mold function.

#### **Applicability**

All kinds of snacks and other hot food products, juice, lunch box, pudding, tofu, frozen food, fresh agricultural and fishing products, cosmetics, pharmaceuticals, deli, salads, pickles and other food....

#### **Optional equipment**

- 1. Date printer (validity, manufacturing, date, number. Enalish)
- 2. Removable mold (pairs up with a variety of products to replace the mold, a machine with multiple use.)
- 3.Inside cutting function (without leaving edges to make the product more beautiful)

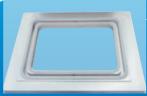
4.MAP Gas flushing function (fill blending gas before sealing, such as nitrogen, carbon dioxide, or O2, etc. to replace the original air, maintain product freshness.)



Inside cutting



Removable mold





**Date printer** 

Film sensor (MAP)

ET-900
ET-900F

Semi-Auto M Sealer
Pneumatic type/ Gas flushing Function (MAP)

<b>ET-900S1</b> 350 x 500 x 820 110 / 220 (650W) 60 450 220 x 170 x 120 <b>ET-900S2</b> 350 x 500 x 820 110 / 220 (650W) 65 800 100 x 170 x 120
<b>ET-900S4</b> 350 x 500 x 820 110 / 220 (1050W) 70 1350 100 x 75 x 120
<b>ET-900L1</b> 480 x 705 x 820 110 / 220 (1250W) 70 420 320 x 250 x 120
<b>ET-900L2</b> 480 x 705 x 820 110 / 220 (1250W) 75 750 150 x 250 x 120
<b>ET-900L4</b> 480 x 705 x 820 110 / 220 (1850W) 80 1250 150 x 110 x 120
<b>ET-900XL1</b> 510 x 760 x 820 110 / 220 (1250W) 85 390 350 x 260 x 120
<b>ET-900XL2</b> 510 x 760 x 820 110 / 220 (1250W) 90 700 160 x 260 x 120
<b>ET-900XL4</b> 510 x 760 x 820 110 / 220 (1850W) 95 1150 160 x 120 x 120
<b>ET-900XXL1</b> 580 x 865 x 820 110 / 220 (1250W) 115 360 420 x 290 x 120
<b>ET-900XXL2</b> 580 x 865 x 820 110 / 220 (1250W) 120 650 195 x 290 x 120
<b>ET-900XXL4</b> 580 x 865 x 820 110 / 220 (1850W) 125 1050 195 x 130 x 120

	Machine size WxDxH (mm)	Power supply (V)	Machine weight (kg)	Capacity (Unit / per hour)	cup size
ET-900SF1	350 x 500 x 820	110 / 220 (650	W) 65	350	220 x 170 x 120
ET-900SF2	350 x 500 x 820	110 / 220 (650	W) 70	630	100 x 170 x 120
ET-900SF4	350 x 500 x 820	110 / 220 (1050	)W) 75	1050	100 x 75 x 120
ET-900LF1	480 x 705 x 820	110 / 220 (1250	)W) 80	330	320 x 250 x 120
ET-900LF2	480 x 705 x 820	110 / 220 (1250	)W) 85	590	150 x 250 x 120
ET-900LF4	480 x 705 x 820	110 / 220 (1850	)W) 90	990	150 x 110 x 120
ET-900XLF1	510 x 760 x 820	110 / 220 (1250	)W) 95	300	350 x 260 x 120
ET-900XLF2	510 x 760 x 820	110 / 220 (1250	)W) 100	540	160 x 260 x 120
ET-900XLF4	510 x 760 x 820	110 / 220 (1850	)W) 105	900	160 x 120 x 120
ET-900XXLF1	580 x 865 x 820	110 / 220 (1250	)W) 115	270	420 x 290 x 120
ET-900XXLF2	580 x 865 x 820	110 / 220 (1250	)W) 120	480	195 x 290 x 120
ET-900XXLF4	580 x 865 x 820	110 / 220 (1850	)W) 125	810	195 x 130 x 120



## M.A.P Modified Atmosphere Packaging













The following is an example of food pairing up with supplement gas:

\* Please note! The following data is for reference only, the actual matching ratio needs to be adjusted according to the food condition.

	Name of product	Applicable gas				
	Fish	CO <sub>2</sub> ≥ 50% O <sub>2</sub> 10 ~15%				
	Shrimp	CO <sub>2</sub> 40% N <sub>2</sub> 60%				
	Pork	O <sub>2</sub> 60~70% CO <sub>2</sub> 30~40%				
	Poultry	CO <sub>2</sub> 50~70% O <sub>2</sub> 30~50%				
	Baking food	CO₂和 N₂				
	Cooked food products	CO₂和 N₂				
	Vegetables and fruits	O <sub>2</sub> 5%, CO <sub>2</sub> 5%, N <sub>2</sub> 90%				

#### 1. What is modified atmosphere packaging?

Modified atmosphere packaging is called MAP or CAP abroad, domestically called gas blending packaging, gas replacement packaging, or nitrogen filling packaging. Refer to replacing the internal air with fresh air during the food-packaging phase. Commonly used gases include nitrogen (N2), oxygen (O2), carbon dioxide (CO2), and mixed gas O2 + N2or CO2 + N2 + O2. This packaging technology is widely used in the preservation of various types of foods, or with the vacuum pumping function, which extends shelf life of products and thereby enhances product value.

#### 2. The advantages of using modified atmosphere packaging (MAP):

- Extends the shelf life of food, reduce cost reduce food waste.
- Avoid food crushing or sticking.
- It is possible to reduce the use of preservatives.
- It is possible to reduce the cost of frequently shipping products.

#### 3.Y-Fang equipment is equipped with gas replacement packaging technology.

#### Gas flushing

The preservative air is filled before the product is sealed, so that the oxygen content in the package is reduced to 0.5 to 1%. The advantage of this method is that the vacuum pumping action is not needed. Therefore, the relative packaging speed is fast and the productivity is high. However, as it is only filled with gas with no vacuum pumping, it is less suitable for product of oxygen sensitivity, or with more voids in containers such as beans and rice. Applicable type: ET-900F, VG-70, ET-80GF, ET-55GF. ET-22GF, ET-56GF, ET-600GF, etc.

#### Gas flushing after vacuum pumping

Before the product is sealed, the air in the product is pumped to a near-vacuum state and then it is filled with gas to reduce the oxygen content in the package to 0.1 to 0.3%, which is suitable for oxygen-sensitive products. However, compared to the nitrogen-only method, the vacuum pumping increases the working time, slows packaging speed and lowers productivity.

Applicable models: VG-70, ET-55VGF, ET-600VGF, etc.

#### The use of various gases in food packaging:

#### Carbon dioxide (CO2)

Carbon dioxide inhibits the growth and reproduction of most aerobic microorganisms and molds. However, due to the fact that most food will absorb it, the excessive presence of CO2 in modified atmosphere packaging may cause flavor deterioration. droplet loss, and collapse of the packaging. Therefore, it is necessary to balance the expected shelf life of the product and the degree of negative effects that can be tolerated.

#### • Nitrogen (N2)

Nitrogen is an ideal inert gas and does not react chemically with food and is therefore not absorbed.

Nitrogen-filled packaged foods can also prevent the crushing, sticking, or shrinking of foods and preserve the appearance, dryness. crispness, color, and fragrance of foods. At present, nitrogen-filled packaging is rapidly replacing traditional vacuum packaging and is widely used in fried snack foods, oil cooking

#### • Oxygen (O2)

Oxygen can cause food oxidative deterioration and is also required for the growth of aerobic microorganisms. However, we can also control part of the oxygen content to inhibit the growth and reproduction of most anaerobic microorganisms, maintain the color of fresh meat and maintain the respiration and freshness of fresh fruits and vegetables.

#### Compound gas

The composite gas generally consists of CO2, N2, O2, and a small amount of other special gases. Its composition proportion is appropriately selected according to the type of food, preservation requirements and packaging materials to achieve the effect of maintaining the nutrient content of the packaged food, maintaining the prototype, and extending the shelf life of

## VG-70 Vacuum Gas flushing Semi-Auto Sealer

	Machine size WxDxH (mm)	Power supply (V)	Machine weight (kg)	Capacity (Unit / per hour)	Maximum cup size (mm)
VG-70S1	500 x 900 x 1600	220 (2200W)	120	240	230 x 180 x 100
VG-70M1	740 x 1040 x 1740	220 (4400W)	120	240	380 x 280 x 100
VG-70M2	740 x 1040 x 1740	220 (4400W)	140	480	175 x 280 x 100
VG-70M4	740 x 1040 x 1740	220 (4400W)	160	960	175 x 125 x 100

#### **Characteristic**

- 1. Sealing die attached with the knife (cut edge up to 2 mm of the edge of the container).
- 2. The structure is sturdy, and the entire machine is made of stainless steel and corrosion-resistant aluminum allov, which meets food hygiene regulations.
- 3.A simple design and easy maintenance is utilized to meet safety and health concerns.
- 4. The human-machine interface uses electronic touch screen menu display and pairs up with the PLC main control system.
- 5. Multiple safety door adopt crash-resistant acrylic material design to improve safety protection and make operations more secure.
- 6. Suitable for all kinds of material sealing (PP, PE, paper and tearable film).
- 7. The vacuum pumping is controlled digitally before filling the modified gas.
- 8. It can handle 6 to 10 times per minute (depending on the degree of vacuum extraction)
- 9.A design to quickly replace the mold can be applied to containers with a variety of different sizes, increasing the benefits of use (one machine, multiple uses)
- 10. The vacuum pump adopts German-made Busch, which can perform the "skin packaging" function alone or in combination with the Gas flushing function (MAP) to ensure the best vacuum fresh-keeping packaging with oxygen retention below 0.1%.

#### **Optional equipment**

- 1.Date printer (validity, manufacturing, date, number, English)
- 2. Removable mold (pairs up with a variety of products to replace the mold, a machine with multiple use.)
- Tenon type die changeover (tool-free quick die change and fast die speed can be used with a variety of product container.
- 4.Gas flushing function (fill modifying gas before sealing, such as: nitrogen or carbon dioxide, O2, etc. to replace the original air, maintain product freshnes:
- 5.The "skin packaging" function or matching the MAP function ensures the best vacuum fresh-keeping package with an oxygen retention of 0.1% or less.

#### **Applicability**

- 1. Suitable for packaging of various sealing materials (PE. PP.paper, and tear film, etc.)
- 2. vacuum-packed or vacuum nitrogen-filled packaging for anti-moth, moisture-proof, mildew-proof, anti-oxidation products.
- 3. Due to vacuum-pumping action increases the operation time, the packaging speed is slower and the shelf life effect is better than the single gas modifying function.
- 4. Smaller models, more flexible use of space.
- 5. It can be paired up with a vacuum skin packaging.

#### Vacuum skin packaging

A super three-dimensional shape is transparent and visible, with good display value, and can be effective shockproof, anti-friction and keep fresh. Widely used in cold fresh pork, beef and mutton and other fresh products and meat products design, skin-packaging technology can make the cover film attach firmly to the surface of the product. Even if the product

surface is complex, a one-time paste is possible to ensure fresh ingredients.

Applicable to semi-fluid, solid granular, paste-like foods, refrigerated, frozen, frest fruits and vegetables, baked products, rice, dried goods, electronic original devices.

#### **Inside Cutting**





## ET-55 Vacuum Gas flushing Continuous Sealer

	Machine size WxDxH (mm)	Power supply (V)	Capacity (Unit / per hour)	Maximum cup size (mm)
ET-55MM2GF	2500 x 1000 x 1450	220	800	185 x 260 x 100
ET-55 L M4GF	2500 x 1200 x 1450	220	1600	125 x 260 x 100
ET-55MM2VGF	2500 x 1000 x 1450	220	600	185 × 260 × 100
ET-55LM4VGF	2500 x 1200 x 1450	220	1120	125 x 260 x 100

#### **Applicability**

- 1. Suitable for packaging of various sealing materials (PE. PP. paper, and tear film, etc.)
- 2. Vacuum-packed or vacuum nitrogen-filled packaging for anti-moth moisture-proof, mildew-proof, anti-oxidation products.
- 3. Due to vacuum-pumping action increases the operation time, the packaging speed is slower and the shelf life effect is better than the single gas modifying function.
- 4. Applicable to liquid, semi-fluid, solid granular, paste-like foods, refrigerated, frozen, fresh fruits and vegetables, baked products, rice, dry goods, chemical medicines. and electronic original devices.

#### Characteristic

Customize available.

- 1. Sealing die attached with the knife (cut edge up to 2 mm of the edge of the container).
- 2. Only one set of Mould with adjustable rail for variety fivay size working.
- 3. The structure is sturdy, and the entire machine is made of stainless steel and corrosion-resistant aluminum alloy, which meets food hygiene regulations.
- 4.A simple design and easy maintenance is utilized to meet safety and health concerns.
- 5. The human-machine interface uses electronic touch screen menu display and pairs up with the PLC main control system.
- 6. Multiple safety door adopt crash-resistant acrylic material design to improve safety protection and make operations more secure.
- 7. Suitable for all kinds of material sealing (PP, PE, paper and tearable film).
- 8. The vacuum pumping is controlled digitally before filling the modified gas.

#### **Optional equipment**

- 1. Date printer (validity, manufacturing, date, number, English)
- 2. Removable mold (pairs up with a variety of products to replace the mold, a machine with multiple use.)
- 3. Tenon type die changeover (tool-free guick die change and fast die speed can be used with a variety of product containers.)
- 4. Gas flushing function (fill modifying gas before sealing, such as: nitrogen or carbon dioxide, O2, etc. to replace the original air, maintain product freshness.)
- 5. The "skin packaging" function or matching the MAP function ensures the best vacuum fresh-keeping package with an oxygen retention of 0.1% or less.
- 6. Automatic filling system (PLC sets automatic quantitative filling, optional for liquid and solid products.)

#### Vacuum skin packaging

It can be paired up with a vacuum skin packaging. A super three-dimensional shape is transparent and visible, with good display value, and can be effective shockproof. anti-friction and keep fresh. Widely used in cold fresh pork, beef and mutton and other fresh products and meat products design, skin-packaging technology can make the cover film attach firmly to the surface of the product. Even if the product surface is complex, a one-time paste is possible to ensure fresh ingredients.

- 9.lt can handle 6 to 10 times per minute (depending on the degree of vacuum extraction).
- 10.A design to quickly replace the mold can be applied to containers with a variety of different sizes, increasing the benefits of use (one machine, multiple uses).
- 11. The sealer platform can be used with various functions to increase production efficiency.
- 12. Mechanical transmission is the chain conveyor and splitter use. positioning fast and stable.
- 7. Automatic cap feed / cap pressing system (applicable for capping product after sealing. Independent machine operation is possible.)
- 8. Automatic piece feed system (for pre-cut pieces sealing of non-sealing film such as aluminum foil, etc.)
- 9. Ultraviolet sterilizing lamp (Use ultraviolet lamp device to sterilize the inside of the empty container after the empty container gets into the machine.) Accurate film shrink system
- 10. Vacuum pumping function: The vacuum pump adopts German-made Busch, which can perform the "skin packaging" function alone or in combination with the inflator function (MAP) to ensure the best vacuum fresh-keeping ackaging with oxygen retention below 0.1%.

Main sealing function

Automatic cap drop and cap pressing system

Conveyor belt connection

Fixed distance film feed system

Automatic filling

Vacuum pump





MAP various preservative gases

ET-55GF

(19)

### **ET-22** | Automatic Continuous Sealer

#### MAP

	Machine size WxDxH (mm)	Power supply (V)	Capacity (Unit / per hour)	Maximum cup size (mm)
ET-22S	2000 x 660 x 1700	220 / 380 / 450	1000~2000	220 x 170 x 100
ET-22M	2000 x 930 x 1700	220 / 380 / 450	2000~4000	440 x 220 x 100

:X: Customize available

#### Characteristic

- 1. Sealing die attached with the knife (cut edge up to 2 mm of the edge of the container).
- 2. The structure is sturdy, and the entire machine is made of stainless steel and corrosion-resistant aluminum allov, which meets food hygiene regulations.
- 3.A simple design and easy maintenance is utilized to meet safety and health concerns.
- 4. The mold adopts the anode rust-proof treatment and the sealing electric heat is coated with Teflon to prevent sticking. The whole skeleton is made of stainless steel plate welding.

#### **Optional equipment**

- 1. Date printer (validity, manufacturing, date, number, English)
- 2. Removable mold (pairs up with a variety of products to replace the mold, a machine with multiple use.)
- 3. Tenon type die changeover (tool-free quick die change and fast die speed can be used with a variety of product containers.)
- 4. Gas flushing function (fill modifying gas before sealing, such as: nitrogen or carbon dioxide, O2, etc. to replace the original air, maintain product freshness.)
- 5. Automatic cup-feed system (reduces labor costs in conjunction with automated placement of containers to increase productivity.)
- 6. Automatic filling system (PLC sets automatic quantitative filling. optional for liquid and solid products.)

#### **Applicability**

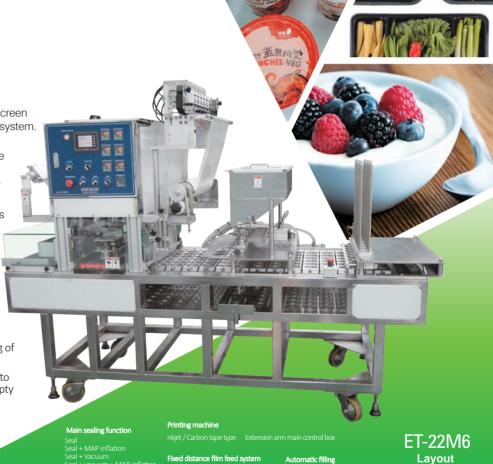
Suitable for fruit juice, pudding, crisper, cup noodles, snacks, soft serve, chawanmushi, steamed cooked food, tofu and other product packaging. A sealing can be used with gas modifying.

A multi-purpose machine, product diversification. for processing plants, restaurants, hypermarkets, supermarkets, convenience stores and other fresh food packaging.

- 5. The human-machine interface uses electronic touch screen. menu display and pairs up with the PLC main control system.
- 6. Multiple safety door adopt crash-resistant acrylic material design to improve safety protection and make operations more secure.
- 7. Suitable for all kinds of material sealing (PP. PE. paper and tearable film).
- 8. The sealer platform can be used with various functions to increase production efficiency.
- 7.Cup washing and film washing system (powerful water column washes container and sealing film dust.)
- 8. Automatic cap feed cap pressing system (applicable for capping product after sealing. Independent machine operation is possible.)
- 9. Automatic piece feed / system (for pre-cut pieces sealing of non-sealing film such as aluminum foil, etc.)
- 10. Ultraviolet sterilizing lamp (Use ultraviolet lamp device to sterilize the inside of the empty container after the empty container gets into the machine.)

Accurate film shrink system

Automatic cap drop and cap



Automatic box

## **ET-66** | Automatic Continuous Double **Sealing Sealer**

	Machine size WxDxH (mm)	Power supply (V)	Capacity (Unit / per hour)	Maximum cup size (mm)
ET-66SS	2000 x 660 x 1700	220 / 380 / 450	1000~2000	170 x 220 x 100
ET-66S	2000 x 850 x 1700	220 / 380 / 450	1000~4000	360 x 220 x 100
ET-66M	2500 x 1040 x 1700	220 / 380 / 450	1000~8000	260 x 220 x 100
ET-66L	3000 x 1230 x 1700	220 / 380 / 450	1000~8000	355 x 220 x 100

X: Customize available

#### Characteristic

- 1. Sealing die attached with the knife (cut edge up to 2 mm of the edge of the container).
- 2. The structure is sturdy, and the entire machine is made of stainless steel and corrosion-resistant aluminum alloy, which meets food hygiene regulations.
- 3. The human-machine interface uses electronic touch screen menu display and pairs up with the PLC main control system.
- 4. Multiple safety door adopt crash-resistant acrylic material design to improve safety protection and make operations more secure.
- 5. The investment rate is high and the production capacity is
- 6. Suitable for all kinds of material sealing (PP, PE, paper and tearable film).
- 7. The sealer platform can be used with various functions to increase production efficiency.

#### **Optional equipment**

- 1. Date printer (validity, manufacturing, date, number, English)
- 2. Removable mold (pairs up with a variety of products to replace the mold, a machine with multiple use.)
- 3. Tenon type die changeover (tool-free guick die change and fast die speed can be used with a variety of product containers.)
- 4. Automatic cup-feed system (reduces labor costs in conjunction with automated placement of containers to increase productivity.)
- 5. Automatic filling system (PLC sets automatic quantitative filling. optional for liquid and solid products.)
- 6.Cup washing and film washing system (powerful water column washes container and sealing film dust.)

- 8. Mechanical transmission is the chain conveyor and splitter use, positioning fast and stable.
- 9. Two-step seal design. The product seals after the sealing film positioning before the first sealing, the second sealing strengthens seal tightness, can save the overall sealing time, and increase the production capacity. It is the filling special design.

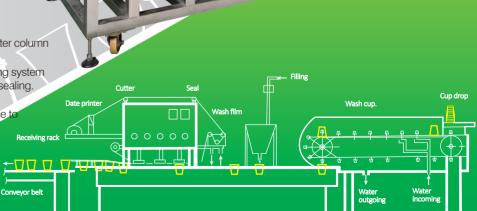
#### **Applicability**

Suitable for fruit juice, pudding, crisper, cup noodles. snacks, soft serve, chawanmushi, steamed cooked food, tofu and other product packaging. A multi-purpose machine, product diversification. for processing plants, restaurants, hypermarkets, supermarkets, convenience stores and other fresh food packaging.

7. Cup washing and film washing system (powerful water column washes container and sealing film dust.)

8. Automatic cap feed cap pressing system, cap locking system (applicable to cans and product to be capped after sealing. Standalone operation is possible.)

9. Ultraviolet sterilizing lamp (Use ultraviolet lamp device to sterilize the inside of the empty container after the empty container gets into the machine.)





## ET-56 | Automatic Arm Pushing Sealer

MAP

	Machine size WxDxH (mm)	Power supply (V)	Capacity	Maximum cup size (mm)
ET-56M3	2200 x 1300 x 1700	380 (3300W)	9-10 Cycle/min	210 x 200 x 100

X Customize available.

#### Characteristic

- 1. Sealing die attached with the knife (cut edge up to 2 mm of the edge of the container).
- 2. The structure is sturdy, and the entire machine is made of stainless steel and corrosion-resistant aluminum alloy, which meets food hygiene regulations.
- 3.The human-machine interface uses electronic touch screen menu display and pairs up with the PLC main control system.
- 4. Multiple safety door baffles adopt crash-resistant acrylic material design to improve safety protection and make operations more secure.
- 5. Suitable for all kinds of material sealing (PP, PE, paper and tearable film).
- 6. The lower part of the machine is designed to be empty, light and easy to clean.
- 7. Accurately controls the speed of the sealing and conveyor belt; each mold temperature control system utilizes individual temperature control to easily grasp the temperature of each mold.
- 8.A design to quickly replace the mold can be applied to containers with a variety of different sizes, increasing the benefits of use (one machine, multiple uses).
- 9. Special push rod / clamp design pushes the container to seal and sends the container at the same time, reducing work time and increasing productivity.
- 10. Specially designed two rolls of seals can be installed on the machine at the same time. During production another roll is used at any time for replacement in order to shorten the product conversion time.

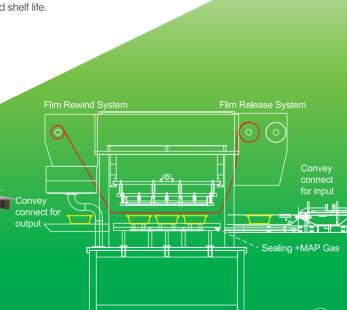
#### **Optional equipment**

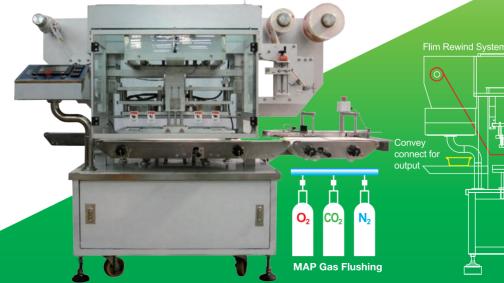
- 1.Date printer (validity, manufacturing, date, number, English)
- 2. Removable mold (pairs up with a variety of products to replace the mold, a machine with multiple use.)
- 3. Tenon type die changeover (tool-free guick die change and fast die speed can be used with a variety of product containers.)
- 4.Gas flushing function (fill modifying gas before sealing, such as: nitrogen or carbon dioxide. O2. etc. to replace the original air, maintain product freshness.)

#### **Applicability**

Gas modifying and packaging machines have fast packaging speeds, high packaging speed and high productivity due to the omission of vacuum pumping action. The machine is applicable to the central equipment and fresh food packaging of food processing plants. Suitable for refrigeration, freezing, fresh fruits and vegetables, baked products, etc. Supply processing plants, restaurants, hypermarkets, supermarkets, convenience stores and other fresh food packaging.

Suitable for packaging of various sealing materials (PE. PP. paper and tear film, etc.), the microwaveable, anticorrosive, moisture-proof, mold-proof, anti-oxidation products are MAP-packed or nitrogen-packed to extend shelf life.





# ET-85 MAP

## ET-80 | Automatic Rotary Sealer

#### Characteristic

- 1. Sealing die attached with the knife (cut edge up to 2 mm of the edge of the container).
- 2. The structure is sturdy, and the entire machine is made of stainless steel and corrosion-resistant aluminum alloy, which meets food hygiene regulations.
- 3.A simple design and easy maintenance is utilized to meet safety and health concerns.
- 4. The human-machine interface uses electronic touch screen menu display and pairs up with the PLC main control system.
- 5. Multiple safety door adopt crash-resistant acrylic material design to improve safety protection and make operations more secure.
- 6. Suitable for all kinds of material sealing (PP, PE, paper and tearable film).
- 7. The lower part of the machine is designed to be empty, light and easy to clean.
- 8.A design to guickly replace the mold can be applied to containers with a variety of different sizes, increasing the benefits of use (one machine, multiple uses).
- 9.Small size design is most suitable for medium and small food processing plants.
- 10. The sealer platform can be used with various functions to increase production efficiency.

#### **Applicability**

Suitable for all kinds of sealing materials (PE, PP, paper and tear film ,etc.), it is anti-moth, moisture-proof, mold-proof and anti-oxidation.

Applicable to liquid, semi-fluid, solid granular, powdery, paste-like foods, refrigerated, frozen, fresh fruits and vegetables, baked products, rice, dry goods, chemical medicines, and electronic original devices.

Filler



**Date Printer** 



Inside Cutting



**MAP Gas Flushing** 







# ET-85 MAP

## ET-80 | Automatic Rotary Sealer

	Machine size WxDxH (mm)	Power supply (V)	Capacity (Unit/per hour)	Maximum cup size (mm)
ET-801D4	950 x 950 x 1500	220 (1500W)	720	220 × 170 × 120
ET-801D6	950 x 950 x 1500	220 (1500W)	800	180 × 150 x 120
ET-801D8	950 x 950 x 1500	220 (1500W)	900	170 × 90 × 100
ET-802D4	950 x 950 x 1500	220 (1500W)	1440	95 × 170 × 100
ET-802D6	950 x 950 x 1500	220 (1500W)	1600	160 × 75 × 100
ET-802D8	950 x 950 x 1500	220 (1500W)	1800	90 × 75 × 100
ET-851D4	700 x 700 x 1450	220 (1450W)	720	170 x 120 x 100
ET-851D6	700 x 700 x 1450	220 (1450W)	800	100 x 100 x 100
ET-851D8	700 x 700 x 1450	220 (1450W)	900	80 x 80 x 100

X Customize available.

#### **Optional equipment**

- 1. Date printer (validity, manufacturing, date, number, English)
- 2. Removable mold (pairs up with a variety of products to replace the mold, a machine with multiple use.)
- 3. Tenon type die changeover (tool-free quick die change and fast die speed can be used with a variety of product containers.)
- 4. Automatic cup-feed system (reduces labor costs in conjunction with automated placement of containers to increase productivity.)
- 5. Automatic filling system (PLC sets automatic quantitative filling, optional for liquid and solid products.)
- 6.Disc-type conveyor system (with disc-type rails, allowing containers to automatically enter the seal.)
- 7. Automatic cap feed / cap pressing system, cap locking system (applicable to cans and product to be capped after sealing. Standalone operation is possible.)
- 8. Automatic piece feed system (for pre-cut pieces sealing of non-sealing film such as aluminum foil, etc.)
- 9. Gas flushing function (fill modifying gas before sealing, such as: nitrogen or carbon dioxide. O2. etc. to replace the original air, maintain product freshness.)







ET-851D4

## ET-600 | Automatic Shuttle Sealer

#### MAP

	Machine size WxDxH (mm)	Power supply (V)	Capacity	Maximum cup size (mm)
ET-600GF	3500 x 1000 x 1700	Single / Three-phase	12~14 Cycle/min	3 mold 230 x 180 x100 4 mold 180 x 160 x100
ET-600 VGF	3500 x 1000 x 1700	Three phase	10~12 Cycle/min	3 mold 230 x 180 x100 4 mold 180 x 160 x100

#### Characteristic

- 1. Sealing die attached with the knife (cut edge up to 2 mm of the edge of the container).
- 2. The structure is sturdy, and the entire machine is made of stainless steel and corrosion-resistant aluminum alloy, which meets food hygiene regulations.
- 3.A simple design and easy maintenance is utilized to meet safety and health concerns.
- 4. The human-machine interface uses electronic touch screen menu display and pairs up with the PLC main control system.
- 5. Multiple safety door adopt crash-resistant acrylic material design to improve safety protection and make operations more secure.
- 6. Suitable for all kinds of material sealing (PP, PE, paper and tearable film).
- 7. The vacuum pumping is controlled digitally before filling the modified gas.
- 8. It can handle 6 to 10 times per minute (depending on the degree of vacuum extraction).

9.A design to guickly replace the mold can be applied to containers with a variety of different sizes, increasing the benefits of use (one machine, multiple uses).

#### **Optional equipment**

- 1. Date printer (validity, manufacturing, date, number, English)
- 2. Removable mold (pairs up with a variety of products to replace the mold, a machine with multiple use.)
- 3. Tenon type die changeover (tool-free quick die change and fast die speed can be used with a variety of product containers.)
- 4. Gas flushing function (fill modifying gas before sealing, such as: nitrogen or carbon dioxide, O<sub>2</sub>, etc. to replace the original air, maintain product freshness.)
- 5. The "skin packaging" function or matching the MAP function ensures the best vacuum fresh-keeping package with an oxygen retention of 0.1% or less.

#### **Applicability**

Its high capacity and efficiency provides the best fresh-keeping vacuum inflatable packaging. producing a combination of high productivity and optimal preservation.

The benefits are doubled. It is suitable for various sealing materials (PE, PP, paper, tear film, etc.), and vacuum or vacuum nitrogen packaging is done on various types of anti-moth, moisture-proof, anti-mold, and anti-oxidation products. Shelf life lasts longer than a single gas modifying function. It can be paired up with a vacuum skin packaging.

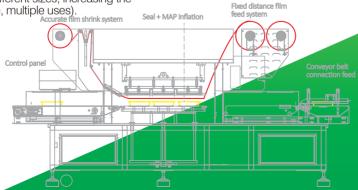
#### Vacuum skin packaging

A super three-dimensional shape is transparent and visible, with good display value, and can be effective shockproof, anti-friction and keep fresh. Widely used in cold fresh pork, beef and mutton and other fresh products and meat products design, skin-packaging technology can make the cover film attach firmly to the surface of the product. Even if the product surface is complex, a one-time paste is possible to ensure fresh ingredients.

Applicable to, semi-fluid, solid granular, paste-like foods, refrigerated, frozen, fresh fruits and vegetables, baked products, rice, dry goods, chemical medicines, and electronic original









### ET-R

### **Automatic Bucket / Jar Sealer**

	Machine size WxDxH (mm)	Power supply (V)	Capacity	Maximum cup size (mm)
ET-R	3000 x 1100 x 1700	Three phase Single phase	8 Cycle/min	100 x 100 x 180

Customize available.

#### **Characteristic**

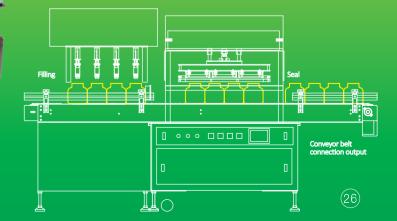
- 1. Sealing die attached with the knife (cut edge up to 2 mm of the edge of the container).
- 2.The structure is sturdy, and the entire machine is made of stainless steel and corrosion-resistant aluminum alloy, which meets food hygiene regulations.
- 3.A simple design and easy maintenance is utilized to meet safety and health concerns.
- 4.The human-machine interface uses electronic touch screen menu display and pairs up with the PLC main control system.
- Multiple safety door adopt crash-resistant acrylic material design to improve safety protection and make operations more secure.
- 6.Suitable for all kinds of material sealing (PP, PE, paper and tearable film).
- 8.Accurately controls the speed of the sealing and conveyor belt; each mold temperature control system utilizes individual temperature control to easily grasp the temperature of each mold.

#### **Optional equipment**

- 1.Date printer (validity, manufacturing, date, number, English)
- 2.Removable mold (pairs up with a variety of products to replace the mold, a machine with multiple use.)
- 3. Tenon type die changeover (tool-free quick die change and fast die speed can be used with a variety of product containers.)
- Automatic filling system (PLC sets automatic quantitative filling, optional for liquid and solid products.)

#### **Applicability**

Applicable to foods, pharmaceuticals, cosmetics, dry goods, hardware parts, electronic components, stationery, industrial products, etc. all available canned packaging or canned container products, it can be used to prevent moth, moisture, mold, and oxides. to extend shelf life.











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