

PSE

PSE TECHNOLOGY SDN BHD
INDUSTRIAL MANUFACTURING & PACKAGING MACHINE

YOUR BEST CHOICE FOR PACKING MACHINE

**LOCAL
PRODUCTION**



About Us

PSE Technology Sdn Bhd is one of the professional local manufacturers of machinery with advanced technology and high precision in Melaka, Malaysia. We had started our business as enterprise since July of 2006, and change to private limited company in April 2012. Core business of PSE Technology Sdn Bhd will be focus on Packing Machine Series, Tank Series, Powder Mixing Series, Food Machine Series and Semi Conductor Production. Also, the major market segment we focus on is automation industries, dedicated to cater and satisfy the requirements from all the customers.

In addition, we develop and deliver a wide range of products and services, including drawing 3D machine (floorplan base on size of factory), welding work (stainless steel and mild steel), install machine and pipe line stainless steel, electrical panel, PLC program and free consultation for our customers on their production line in Malaysia.

Our products are widely used in dairy, food, pharmacy, beverage, cosmetic, snacks and chemical industries.

We have established more than 100 types of standard and custom-made machinery that serve in food & beverage processing such as:

Powders, Cosmetic product, Nuts, Coffee powder,

Fruit juice cordial, Chocolate , Liquid product, Chili Sauce ,Paste Machine, Milk powder mixing, Honey, Snack food packing, Sugar etc.





Suitable for putting on the table

Model	MT-VPM-20A
Voltage	220V 50Hz
Power of pump	0.9KW
Heat-sealing power	0.6KW
Lowest absolute pressure	0.1pa
Volume of vacuum case	440x420x130mm
Sealing strip size	400x10mm
Number of heater	2 pcs
Exhaustment of vacuum pump	20m 3/h
Material of vacuum case and hull	Stainless steel
Dimension	530x490x430mm
Weight	65kgs



Suitable for placing on the floor

Model	MT-VPM-20B
Voltage	220V/50Hz
Power of pump	0.9KW
Heat-sealing power	0.6KW
Lowest absolute pressure	0.1pa
Volume of vacuum case	420x440x130mm
Sealing strip size	400x10mm
Number of heater	2 pcs
Exhaustment of vacuum pump	20m 3/h
Material of vacuum case and hull	Stainless steel
Dimension	500x550x850mm
Weight	70kgs

Vacuum Packing

Vacuum Fruit & Vegetable



Malaysia Standard

- Digital Control Board
1. Control Sealing Time
 2. Control Vacuum Level



High Quality Vacuum Pump



* All the specification is only for reference, machine shall vary with design.



Product Feature:



Speed control



Mixing blade



Easy used pedal control



Easy wash valve



Accurate filling volume adjustment

Step 1 :-

Choose your nozzles:



Size OD : 8mm 10mm 15.8mm 25mm

OPTIONAL DEVICE

Step 2 :-



Step 3 :-



Code	Model	Filling heads	Voltage	Air Pressure	Weight (KG)	Dimension (mm)
MT-LPFM-50	10-50ML	1	240V AC , 50hz	0.4-0.6MPA	23KG	910*330*330
		2			40KG	950*530*340
MT-LPFM-300	30-300ML	1			28KG	950*320*340
		2			41KG	950*470*320
MT-LPFM-1000	100-1000ML	1			33KG	1270*320*350
		2			54KG	1270*470*350
MT-LPFM-5000	1000-5000ML	1			46KG	1230*380*420
		2			83KG	1230*630*420

Sample order code : M-LPFM-1000 A1 B1 C1

* All the specification is only for reference, machine shall vary with design.

Stainless steel 304 cover & contacted part (food grade)



Nozzle filling with stopper design to improve accuracy and prevent dripping



Automatic bottle control and motion, save worker cost



New cylinder air mechanical mechanism - More easy to adjust and service than old CAM type



In house PLC program and touch screen built-up. Made in Malaysia thus we able to service if any breakdown occur

Model	MT-ALFM-1000
Voltage	415VAC 3 phase
Motor power	3KW
Air Pressure	4-6 bar
Filling Range	1L to 7L adjustable
Filling Speed	1-4 cycle/min (depend volume)
Filling Accuracy	±1% (depend product)
Filling Medium	Liquid
Length	2500mm (optional)
Width	700mm
Height	1600mm
Weight	270-380kg (approx)
Capping Station	Optional



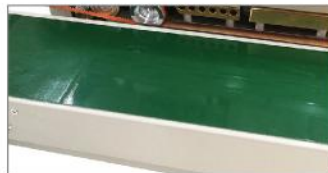
* All the specification is only for reference, machine shall vary with design.



MULTIPLE USE
VERTICAL & HORIZONTAL



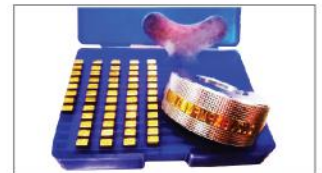
Control panel
- Digital temperature
adjust panel



Line conveyor
- Speed control



Adjustable height



Date code

Model	MT-BSM-300
Temperature range	0~300
Voltage	240V 50hz
Single film thickness	≤ 0.08mm
Power	690W
Sealing width	12mm
Sealing speed	0~12 m/min
Machine size	815x400x305mm
Height bag	100-250mm



* All the specification is only for reference, machine shall vary with design.

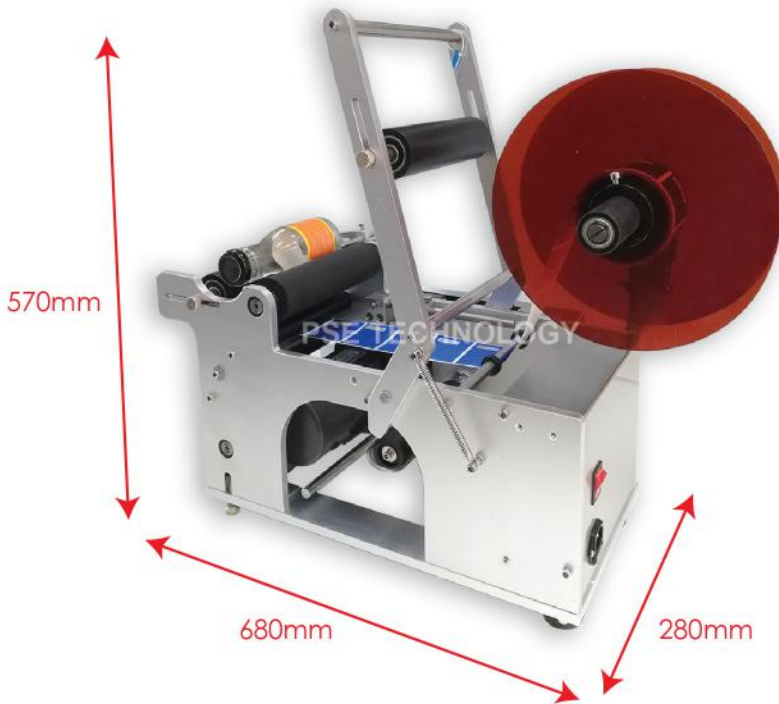


Model	MT-KBM-230
Type	Gas
Dimension	350(W) x 230(H) x 600(L) mm
Holes	3x10
Weight	16.5kg
Body	304s/s
Solid	Aluminium mold, S/S 304 structure

Model	MT-KBM-150
Type	Power
Dimension	350(W) x 150(H) x 600(L) mm
Holes	3x10
Weight	17kg
Body	304s/s
Power	240v/1800w
Solid	Aluminium mold, S/S 304 structure



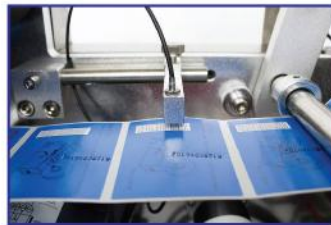
* All the specification is only for reference, machine shall vary with design.



- ✓ Stainsteel 304 cover
- ✓ Aluminium body
- ✓ Table top machine
- ✓ Printing date code (optional)
- ✓ Portable machine
- ✓ Easy and simple to use



Multiple range of size



Sensor control labeling accuracy

Additional date code function +

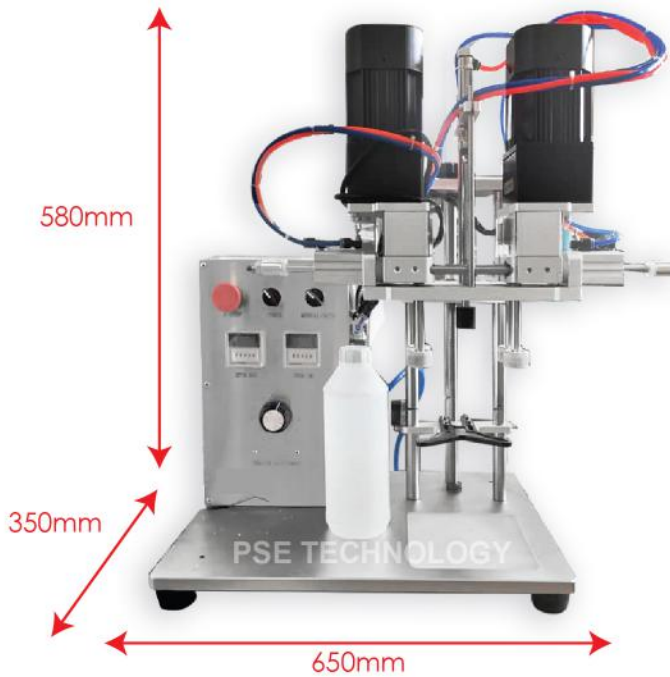


Date code on label (Optional)

Model	MT-LM-150
Voltage	AC240V/50hz
Power	40W
Labeling speed	25-40 times/min
Precision	± 0.5
Min. label roll inner diameter	≥ 75mm
Min. label roll out diameter	Ø 260mm
Bottle diameter	15-150mm
Label	W:20-150mm L:30-290mm
Machine size	680*570*280mm
Machine weight	19kg
Optional	Date code printing

* All the specification is only for reference, machine shall vary with design.

MT-CM-65A



MT-CM-65B



↓ ESPECIALLY FOR BOTH USE ESPECIALLY FOR ↓



Trigger and spray head bottle



Bottle head



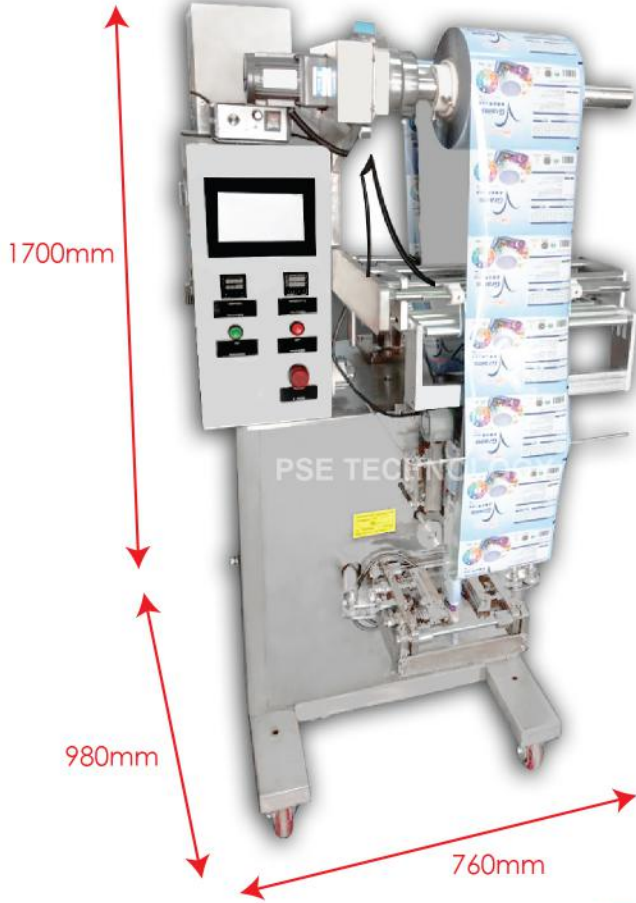
Glass jar with tin cap (gold)

Model	MT-CM-65A
Voltage	AC240V/50hz
Using air source	0.4-0.6 Mpa
Bottle diameter	32-80mm
Bottle height	32-300mm
Cap speed	20-35 pcs/min
Capping torque	4-8kg/cm
Required air compressor	>=1.5kw 65L
Machine size	650*350*580mm
Machine weight	35kg

Model	MT-CM-65B
Voltage	AC240V/50hz
Motion	Electrical power 100w/200w
Cap diameter	10-50mm / 50-80mm
Bottle height	30-350mm
Cap speed	20-35 pcs/min
Capping torque	4-8kg/cm
Machine size	470*430*700mm
Machine weight	35kg

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Stainless steel 304 cover & contacted part (food grade)



Strong and solid mechanical seal part



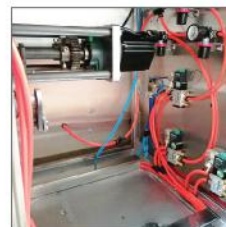
Date code printing included



New cylinder air mechanical mechanism
- More easy to adjust and service than old CAM type



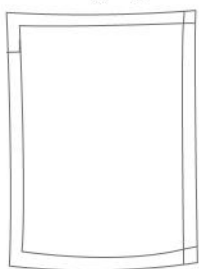
Omron touch screen control + PLC (local standard)



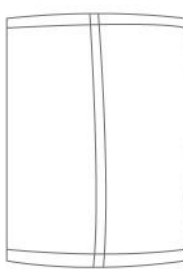
- Precise auger system
- S/S 304 material



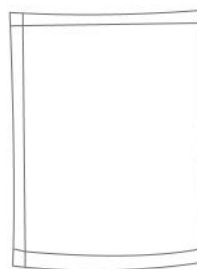
Packing Type:



Four side seal



Center / Pillow seal

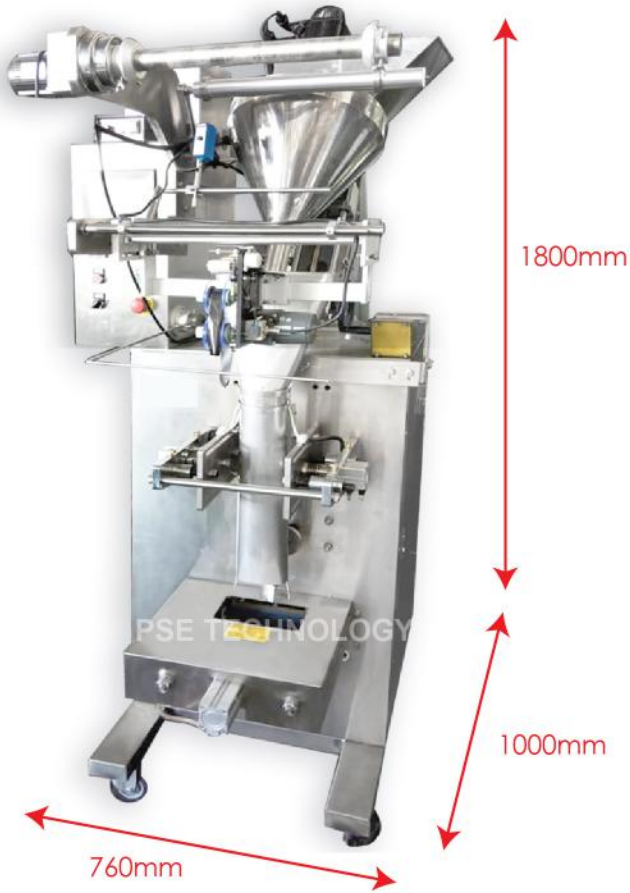


Three side seal

Model	MT-SPFM-100
Bag length	50-170mm
Bag width	25-120mm
Packing film width	60-240mm
Capacity	30-60 bag/min (depend product)
Volume	5-100g
Power	1.8kw/v
Air	0.6mpa
Air consumption	100L/min
Size (LxWxH)	760*980*1700mm
Weight	310kg
Electrical voltage	240VAC 50hz

* All the specification is only for reference, machine shall vary with design.

Stainless steel 304 cover & contacted part (food grade)



Strong and solid mechanical seal part



Date code printing included



New cylinder air mechanical mechanism
- More easy to adjust and service than old CAM type



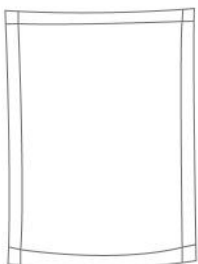
OMron touch screen control + PLC (local standard)



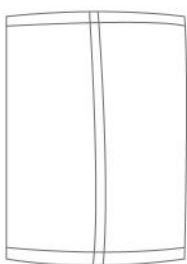
- Precise auger system
- S/S 304 material



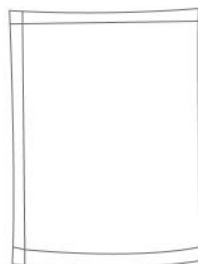
Packing Type:



Four side seal



Center / Pillow seal



Three side seal

Model	MT-SPFM-300
Bag length	50-320mm
Bag width	70-190mm
Packing film width	160-380mm
Capacity	20-40 bag/min (depend product)
Volume	100-500g
Power	2.15kw/v
Air	0.65mpa
Air consumption	100L/min
Size (LxWxH)	760*1000*1800mm
Weight	310kg
Electrical voltage	240VAC 50hz

* All the specification is only for reference, machine shall vary with design.



Strong and solid mechanical seal part



Date code printing included



New cylinder air mechanical mechanism - More easy to adjust and service than old CAM type

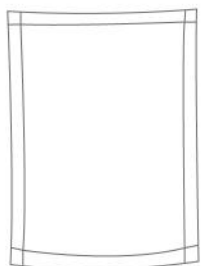


Omron touch screen control + PLC (local standard)

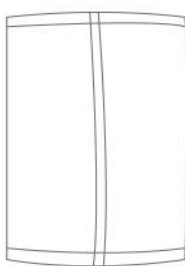


- Precise auger system
- S/S 304 material

Packing Type:



Four side seal



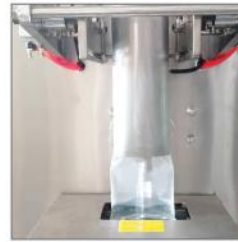
Center / Pillow seal



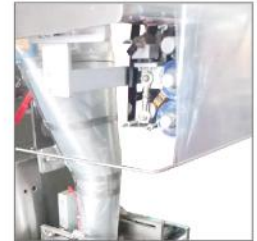
Three side seal

Model	MT-SLFM-100
Bag making length	50-150mm
Bag making width	25-120mm
Packing film width	60-240mm
Packing capacity	5-100ml
Packing speed	30-60 bag/min (depend product)
Power	1.6kw
Air power	0.65Mpa
Air consumption	150 L/min
Overall dimension	730x1380x1800mm
Weight	300kg
Electrical voltage	240VAC 50hz

* All the specification is only for reference, machine shall vary with design.



Strong and solid mechanical seal part



Date code printing included



New cylinder air mechanical mechanism
- More easy to adjust and service than old CAM type



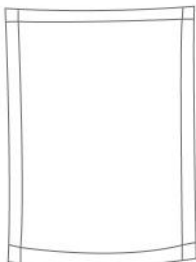
OMron touch screen control + PLC (local standard)



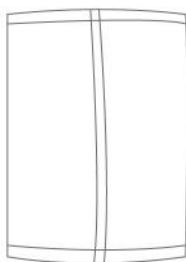
- Precise auger system
- S/S 304 material



Packing Type:



Four side seal



Center / Pillow seal



Three side seal

Model	MT-SLFM-300
Bag making length	50-300mm
Bag making width	70-190mm
Packing film width	160-380mm
Packing capacity	50-300ml
Packing speed	20-40 bag/min (depend product)
Power	1.6kw
Air power	0.65Mpa
Air consumption	180 L/min
Overall dimension	900x1800x2040mm
Weight	480kg
Electrical voltage	240VAC 50hz

* All the specification is only for reference, machine shall vary with design.

Stainless steel 304 cover & contacted part (food grade)



Solid internal structure



Grinding filter able to change size



Dry product, no or less water content (depend product)

Model	MT-PGM-20B
Voltage	415VAC/50Hz 3 phase
Motor power	4.0KW
Cutter diameter	200mm
Powder diameter	20-120 mesh
Capacity	50-80kg/h
N/W	140kg
Dimension	600*500*1170mm

Model	MT-PGM-30B
Voltage	415VAC/50Hz 3 phase
Motor power	5.5KW
Cutter diameter	300mm
Powder diameter	20-120 mesh
Capacity	50-200kg/h
N/W	220kg
Dimension	750*600*1370mm

Outlet size	Sieving tray in mesh (pickable)
0.850mm	20
0.710mm	25
0.600mm	30
0.500mm	35
0.425mm	40
0.355mm	45
0.300mm	50
0.250mm	60
0.212mm	70
0.180mm	80
0.150mm	100
0.125mm	120

* All the specification is only for reference, machine shall vary with design.



Strong vibration filter, stable structure



Filter mesh can be change



Outlet



Easy change

Model	MT-PSM-30
Material	304 full stainless steel
Voltage	240VAC/50Hz/1PH
Motor code	3-4
Power	0.25KW
Mesh size	30mesh
Dimension	500*500*600mm
Screen frame	1.0-2.0mm plate
Base	2.0mm
Layer	1 layer
Diameter	450mm
Seal material	Silicone



* All the specification is only for reference, machine shall vary with design.

Accessories such as inlet/outlet hole connection, tank level indicator, drain hole, clamp type flange, timer setup, can be modify to meet your requirement. Tank material s/s 304 or 316.

OPTIONAL



OPTIONAL MATERIAL : S/S 304 or S/S 316

Main Features of stainless steel storage tank for liquid and paste product:

- 1) Stainless steel storage tank, mixing tank, homogenizer tank and double jacketed tank can use for various liquid,oil,cream, sauce and watery product.
- 2) The oil storage tank adopts SUS304 & SIS316.
- 3) Internal and external polishing of stainless steel storage tank, fillet welding of tank no dead Angle.
- 4) Head with feeding hole, bottom outlet hole with butterfly valve, easy open cover lid, clamp type sanitary connector.
- 5) Heating and cooling system according to customer' conmand.
- 6) Customized the equidment according to customer requirements.

Code	Volume	Dimension of tank (approx.)	Thickness	Working pressure (Mpa)	Working temperature
MT-ST-50	50L	Φ 450x500mm	2mm	Atmospheric Pressure	< 160°C
MT-ST-100	100L	Φ 550x700mm	2mm		
MT-ST-200	200L	Φ 700x800mm	2mm		
MT-ST-300	300L	Φ 750x850mm	2mm		
MT-ST-500	500L	Φ 950x900mm	3mm		
MT-ST-1000	1000L	Φ 1100x1200mm	3mm		
MT-ST-2000	2000L	Φ 1450x1300mm	3mm		
MT-ST-3000	3000L	Φ 1600x1650mm	3mm		

Sample order code : MT-ST-300 A S/S304

* All the specification is only for reference, machine shall vary with design.



Local control panel box (Digital temperature controller)



Customized mixing blade



Electrocell Immersion heater
- Easy to maintenance
- Sustainable



Level control Safety feature



Clamp type connection:
Easy open and cleaning
($<100^{\circ}\text{C}$)

Main Features of stainless steel storage tank for liquid and paste product:

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- 2) The oil storage tank adopts SUS304 & SIS316.
- 3) Internal and external polishing of stainless steel storage tank, fillet welding of tank no dead Angle.
- 4) Head with feeding hole, bottom outlet hole with butterfly valve, easy open cover lid, clamp type sanitary connector.
- 5) Heating and cooling system according to customer conmand.
- 6) Customized the equidment according to customer requirements.

Code	Equipment volume	Dimension of tank	Mixing Motor power	Heater power (kw)	Working pressure (Mpa)	Working temperature
MT-DJMT-50	50L	Φ 450x500mm	0.75kw	(According to customer requirements)	Atmospheric Pressure	$< 160^{\circ}\text{C}$
MT-DJMT-100	100L	Φ 550x700mm	0.75kw			
MT-DJMT-200	200L	Φ 700x800mm	1.5kw			
MT-DJMT-300	300L	Φ 750x850mm	1.5kw			
MT-DJMT-500	500L	Φ 950x900mm	2.2kw			
MT-DJMT-1000	1000L	Φ 1100x1200mm	2.2kw			
MT-DJMT-2000	2000L	Φ 1450x1300mm	3kw			

* All the specification is only for reference, machine shall vary with design.

Stainless steel 304 cover & contacted part (food grade)



Agitator mixing blade U shape to create uniform mixing



Local made control panel box (easy service + easy purchase component)



Cone bottom outlet with butterfly valve



Clamp type connection: Easy open and cleaning (<100°C)

OPTIONAL MATERIAL : S/S 304 or S/S 316

Main Features of stainless steel storage tank for liquid and paste product:

- 1) Stainless steel storage tank, mixing tank, homogenizer tank and double jacketed tank can use for various liquid, oil, cream, sauce and watery product.
- 2) The oil storage tank adopts SUS304 & SIS316.
- 3) Internal and external polishing of stainless steel storage tank, fillet welding of tank no dead Angle.
- 4) Head with feeding hole, bottom outlet hole with butterfly valve, easy open cover lid, clamp type sanitary connector.
- 5) Heating and cooling system according to customer command.
- 6) Customized the equipment according to customer requirements.

Code	Volume	Dimension of tank	Thickness	Mixer motor power	Working pressure (Mpa)	Working temperature
MT-SSMT-50	50L	Φ 450x500mm	2mm	0.55kw	Atmospheric Pressure	< 160°C
MT-SSMT-100	100L	Φ 550x700mm	2mm	0.75kw		
MT-SSMT-200	200L	Φ 700x800mm	2mm	1.5kw		
MT-SSMT-300	300L	Φ 750x850mm	2mm	2.2kw		
MT-SSMT-500	500L	Φ 950x900mm	2mm	2.2kw		
MT-SSMT-1000	1000L	Φ1100x1200mm	3mm	3.0kw		
MT-SSMT-2000	2000L	Φ1450x1300mm	3mm	3.0kw		
MT-SSMT-3000	3000L	Φ1600x1650mm	3mm	3.0kw		
MT-SSMT-5000	5000L	Φ1750x2500mm	3mm	4.0kw		
MT-SSMT-CTM	customized	customized	customized	customized		

Sample order code : MT-SSMT-300 S/S304

* All the specification is only for reference, machine shall vary with design.



Stainless steel 304 cover & contacted part (food grade)



Cone bottom to ensure no residue left inside tank



Agitator shaft & homogenizer
- Uniform mixing with the effect of homogenizer (powder emulsifying)



Solid motor base support



Local made control panel box
- Easy service
- Inverter control speed



High shear emulsifier

OPTIONAL MATERIAL : S/S 304 or S/S 316

Main Features of stainless steel storage tank for liquid and paste product:

- 1) Stainless steel storage tank, mixing tank, homogenizer tank and double jacketed tank can use for various liquid, oil, cream, sauce and watery product.
- 2) The oil storage tank adopts SUS304 & SIS316.
- 3) Internal and external polishing of stainless steel storage tank, fillet welding of tank no dead Angle.
- 4) Head with feeding hole, bottom outlet hole with butterfly valve, easy open cover lid, clamp type sanitary connector.
- 5) Heating and cooling system according to customer command.
- 6) Customized the equipment according to customer requirements.

Code	Capacity	Homo motor power	Mixer motor power	Diameter of tank	Mixer speed	Working pressure (Mpa)	Working temperature
MT-HMT-50	50L	1.5kw	0.55kw	Φ 450x500mm	2800r/min	Atmospheric Pressure	< 160°C
MT-HMT-100	100L	2.2kw	0.75kw	Φ 550x700mm	2800r/min		
MT-HMT-200	200L	3kw	1.5kw	Φ 700x800mm	2800r/min		
MT-HMT-300	300L	4kw	2.2kw	Φ 750x850mm	2800r/min		
MT-HMT-500	500L	5.5kw	2.2kw	Φ 950x900mm	2800r/min		
MT-HMT-1000	1000L	7.5kw	3.0kw	Φ1100x1200mm	2800r/min		
MT-HMT-2000	2000L	18.5kw	3.0kw	Φ1450x1300mm	2800r/min		
MT-HMT-3000	3000L	22kw	3.0kw	Φ1600x1650mm	1400r/min		
MT-HMT-CTM	customized	customized	customized	customized	customized	customized	customized

Sample order code : MT-HMT-300 S/S304

* All the specification is only for reference, machine shall vary with design.

Stainless steel 304 cover & contacted part (food grade)



Bottom outlet valve (easy open)



Local digital panel control



Wheel for mixer <50kg



Stable stainless steel structure (surface ponor)

Double cone mixing machine consists of support part, the hopper, motor and transmission. It's widely used in food, chemical and pharmacy industry to mix dry powder such as milk powder, coffee powder, wheat flour, corn flour, maize flour, rice flour, oats flour, protein powder, cosmetic powder, chili powder, onion powder, spar powder, chicken powder, gourmet powder, egg powder, washing powder, detergent powder, talcum powder, condiment, solid drink, veterinary drugs, dextrose, pharmaceutical, titanium oxide, powder additive, moringa powder, agriculture pesticide, dyestuff, and so on.

Code	Total volume	Productive capacity (approx. depend product)	Mixing time	Revolution of cylinder	Power	Overall dimensions	Rotation height	Weight
MT-DCM-18	0.18m ³	70kg/batch	4-8 min	12rpm	1.1kw	1400*800*1850mm	800	1700
MT-DCM-03	0.3m ³	120kg/batch	6-10 min	12rpm	1.1kw	1685*800*1850mm	1000	2100
MT-DCM-05	0.5m ³	200kg/batch	6-10 min	12rpm	2.2kw	1910*800*1940mm	1200	2500
MT-DCM-10	1.0m ³	400kg/batch	6-10 min	12rpm	4kw	2765*1500*2370mm	1600	2600
MT-DCM-15	1.5m ³	600kg/batch	6-10 min	12rpm	4kw	2960*1500*2480mm	1600	2900
MT-DCM-20	2.0m ³	800kg/batch	6-10 min	12rpm	7.5kw	3160*1900*3500mm	1800	3150
MT-DCM-25	2.5m ³	1000kg/batch	6-10 min	12rpm	7.5kw	3386*1900*3560mm	vvvv0	3600
MT-DCM-30	3.0m ³	1200kg/batch	6-10 min	7.8rpm	7.5kw	4450*2200*3600mm	2000	3700
MT-DCM-40	4.0m ³	1500kg/batch	6-10 min	7.8rpm	11kw	4750*2500*3680mm	2100	4300

* All the specification is only for reference, machine shall vary with design.

Semi-automatic auger filling machine is used in dosing and filling work. Its special professional design is suitable for coffee powder, flour, condiments, solid beverages, veterinary drugs, glucose, medicine, powder additives, talcum powder, agricultural pesticides, dyes and other fluid or low-flow materials.



Precise screw filling S/S 304



Easy to open design for cleaning purpose



Mitsubishi local brand touch screen/ PLC



Large storage tank with mixing blade



Loadcell

1. Meta auger screw to guarantee the precise filling accuracy.
2. PLC control and touch screen display (Mitsubishi brand).
3. Servo motor drives screw to guarantee stable performance.
4. Quick disconnecting hopper could be washed easily without tools.
5. Full stainless steel 304 material (contact product).
6. Weight feedback and proportion track to materials, which overcomes difficulties of filling weight changes due to materials density change.
8. Powder and different weight can be packed.

Model	MT-AFM-50
Control system	PLC & Touch screen (Mitsubishi)
Hopper	50L
Packing weight	10-5000g
Weight dosing	By load cell
Weight feedback	Online weight feedback
Packing accuracy	$\leq 100g, \leq \pm 3\%$; $100-500g, \leq \pm 2\%$; $> 500g$
Filling speed	40-120 times per min (depend product)
Power supply	3P AC415V 50Hz
Total power	1.4KW
Total weight	260kg
Overall dimensions	1140x970x2200mm



* All the specification is only for reference, machine shall vary with design.



This vibrating screw charging machine can convey sorts of material. Combined with the package-machine of our company, it can do material situation tracing. Also can be used separately. Complete machine made in stainless steel, except for the electrical machine, gearing, and the framework.

- Vibrating screw feeding machine is composed of feeding motor, vibrating motor and each with control.
- Hopper is adjustable and vibrational which make material to be flowing easily. It is good to material.
- Hopper is separate from twisting shaft. Structure is reasonable and easily loading and unloading.
- Characteristic dustproof, bearing won't be polluted by the dust and powder.
- To cleanup scrapped materials conveniently and design the machine to be: Discharging the material reversally, storing materials at the bottom of hopper pipe, taking out the whole screw.



Discharge height can be customized



Powder



Local made screw shaft



Door for material's releasing: with opening door at the bottom of the screw for material's releasing



Two motors: one for screw feeding, one for hopper's vibrating

Model	MT-PSC-102	MT-PSC-102	MT-PSC-141	MT-PSC-159	MT-PSC-168	MT-PSC-219
Charging	2m ³ /h	3m ³ /h	5m ³ /h	7m ³ /h	8m ³ /h	12m ³ /h
Diameter of	∅ 102	∅ 114	∅ 141	∅ 159	∅ 168	∅ 219
Hopper	100L	200L	200L	200L	200L	200L
Power supply	3P AC415V 50Hz					
Total power	0.75kw	1HP	2HP	3HP	4HP	5.5HP
Total weight	100kg	130kg	170kg	200kg	220kg	270kg
Overall dimensions	720x620x800mm	1023x820x900mm				
Charging height	Standard 1.85M, 1-5M could be designed and manufactured					

* All the specification is only for reference, machine shall vary with design.



Double spiral blade mixing tank. Ensure uniform mixing performance.



Powder contact fully with the blade to run the mixing as we as outlet.



Optional moveable roller wheel for mixer <200kg



Simple outlet bottom to avoid powder residue with old design.



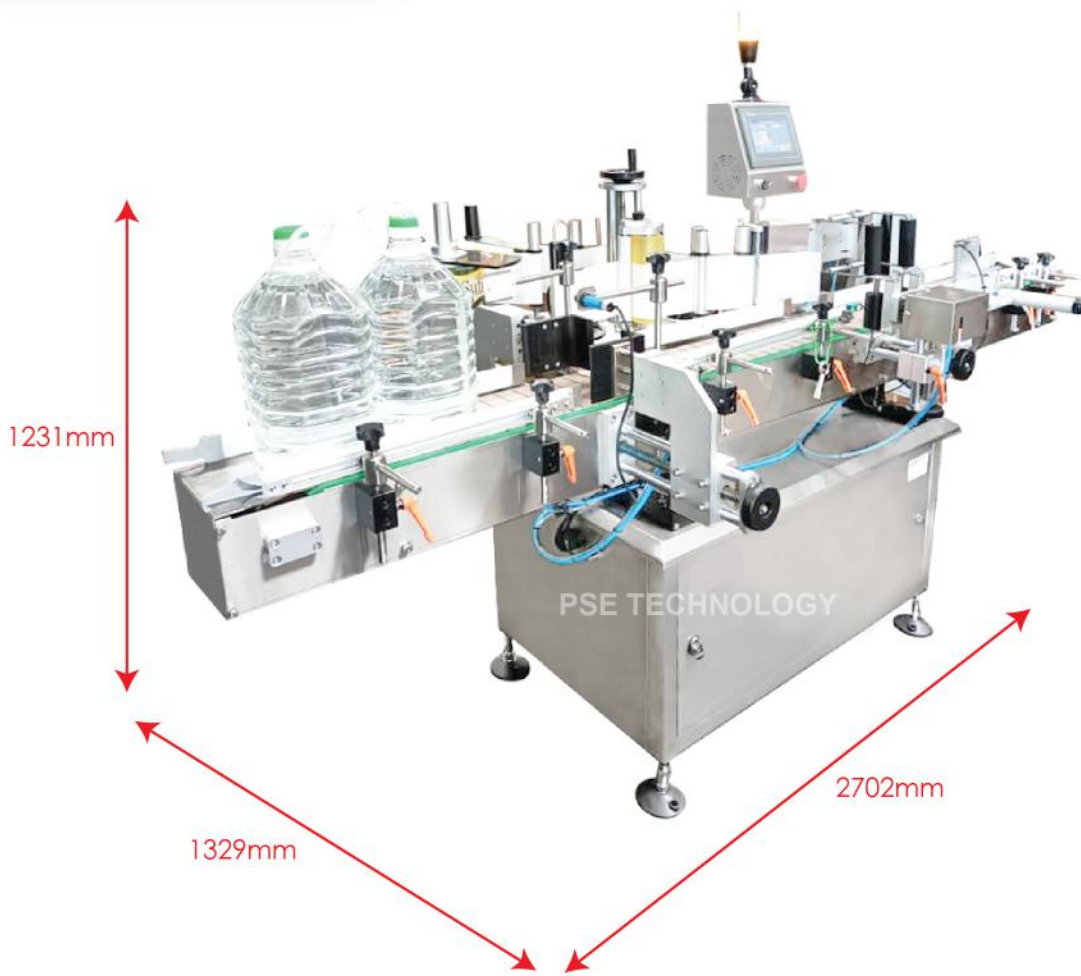
Local control panel box (Designed by Meta)

Working Principle :

WLDH series mixer is mainly comprised of mixing barrel , spiral ribbon and driven parts. The spiral ribbon is made of two layers. That is, the inner ribbon makes the material move outwards, while the external ribbon makes the material move inwards which forms a good circulation of material. Ribbon moves so circumferentially that the mixer could achieve fine mixing efficiency in a very short time.

Model	Mixed volume	Full volume	Time	Overall size	Total power	Total weight
MT-RM200	200L	280L	0.01S-99H	140*90*145cm	4.5KW	250kg
MT-RM300	300L	420L		153*10*155cm	5.5KW	350kg
MT-RM500	500L	420L		170*120*170cm	7.5KW	500kg
MT-RM1000	1000L	1280L		200*130*196cm	11KW	700kg
MT-RM1500	1500L	1850L		240*140*205cm	15KW	1000kg
MT-RM2000	2000L	2400L		265*152*220cm	22KW	1000kg

* All the specification is only for reference, machine shall vary with design.



Solid and constant structure ensure smooth motion



tidy wiring



Inverter and servo motor control motion



Labeling height adjustable



Label surface control adjustable



Label flatten bottle device



Conveyor motion to increase work ability



Local PLC and touch screen brand (Delta)

Model	MT-LM-350
Labeling speed	10-30pcs/min (related to material and label size)
Labeling accuracy	±1.0-2.0mm (material and label sizes are not counted in)
Label size	L 20-350mm H 30-180mm (according to material adjustment)
Material size	Ø20-100mm H 40-120mm
Roll inside diameter	Ø76mm
Roll outside diameter	max Ø350mm
We are packing machine factory, we can customize for your needed	



* All the specification is only for reference, machine shall vary with design.

S/S 304 material body



Dotted layer filter to ensure the working of the filter work well



Easy to change the filter bag after its stuck with dirt

Application of bag filter

Chemical industry, pharmacy, automobile industry, light industry, food industry, electroplating industry, etc

Advantages of bag filter

- High capacity, small size
- Easy to replace the filter bag, no need clean and labor saving
- After cleaning the filter bag can be used repeatedly to save cost
- Filter precision reached 0.5 μ m
- Lower leakage risk ensures high quality
- High working pressure, low pressure loss, low operation cost and energy saving
- Wide application, flexible use, various installation model for choice

Working principle of bag filter :

The filter bag is supported by the stainless steel mesh inside. The liquid flows into the chamber via inlet, and go through the filter bag. The impurities will be blocked into the filter bag. The filter bag can be reused repeatedly after washing or cleaning and it's easy to change the bag. The filter is features of no material consumption and low operation cost.

Filter housing model name	MT-RF-20	MT-RF-40
Filter bag type	180*450mm	180*810mm
Filter area	0.25m ²	0.5m ²
max flow rate	20m ³ /h	40m ³ /h
designed pressure	1.0Mpa	1.0Mpa
Material	SS304 SS316L	
Connection vessel	Flange, Tri clamp, Thread	
Inlet/outlet dimension	DN25 DN50 DN100	
Surface finish	Mirror polish Ra<0.5 μ m, electrical polish, sand blasting	
Sealing finish	Silicone, fluororubber, PTFE, bunan rubber, teflon	
Operate temperature	90°C	

* All the specification is only for reference, machine shall vary with design.



Optional:
Product elevator to lighten the job pressure



Optional:
Output conveyor to collect product to packing area



High quality local touch screen and PLC (with quality structure)



Precise granular filling by ten loadcell weigher

Specification:

1. PLC control with stable reliable biaxial high accuracy output and color touch screen, bag-making, measuring, filling, printing, cutting, finished in one operation.
2. Separate circuit boxes for pneumatic control and power control. Noise is low, and the circuit is more stable.
3. Film-pulling with servo motor motor double belt: less pulling resistance, bag is formed in good shape with better appearance, belt is resistant to be worn-out.
4. External film releasing mechanism: simpler and easier installation of packing film.
5. Adjustment of bag deviation just needed to be controlled by the touch screen. Operation is very simple.
6. Close down type mechanism, defending powder into inside of machine.

Model	MT-GPM-320	MT-GPM-420	MT-GPM-520
Film width	120-320mm	420mm	520mm
Bag length	50-200mm	80-300mm	80-400mm
Bag width	50-150mm	60-200mm	70-2500mm
Packing grams	50-150ml	50-1500ml	50-3000ml
Packing speed	35-70bpm	35-70bpm	35-70bpm
Power	415VAC 3 phase 50Hz		
Machine dimension	970*680*1960mm	1200*1500*1700mm	1500*1600*1700mm
Machine weight	300kg	450kg	500kg
We are packing machine factory, we can customize for your needed			



* All the specification is only for reference, machine shall vary with design.



Electrical controller box
(local made)



Rotary leaf blade
- Prevent high bubble formation
-Able to transfer high visciously producty



S/S 304 or S/S 316 available

Rotary lobe pump basically consist of two rotary lobe rotor switch rotary synchronously inside a casing without touching each other.

The two rotors divide the rotor chamber into to several smaller rooms and move in order as: a-b-c-d. At position a, only room 1 if filled with medium; at position b, some medium is closed in room B; at position C, some medium is also closed in room A, and at position d, room A and B are connected with room ii; here the medium is delivered to the outlet, With this circulation, The medium (material) is delivered through the pump continuously.

Technical parameters:

As the rotary lobe pump works, the spaces between the lobes and the casing are successively filled with fluid, which is transported to the discharge nozzle with a fixed amount of displacement.

The pumped fluid forms a continuous stream thanks to the tolerances between the lobes and the pump casing, Thus ensuring an efficient pumping.

Model	MT-LP-06	MT-LP-12
Watted parts material	SS304 or SS316L	SS304 or SS316L
Liters per 100 rotation	6	12
Suggested rotation (RPM)	200-500	200-500
Capacity	650-1600 L/H	1300-3200 L/H
Motor	0.75kw	2.2kw
Flow viscosity	High viscosity	High viscosity
Lobe type	Bi-lobe, tri lobe butterfly type lob	Bi-lobe, tri lobe butterfly type lob
Temperature	0-140 celsius degree	0-140 celsius degree
Mechanical seal type	Single mechanical seal	Single mechanical seal
Connection type	Clamp	Clamp
Speed	1450RPM	1450RPM

* All the specification is only for reference, machine shall vary with design.



PLC touch screen setup page

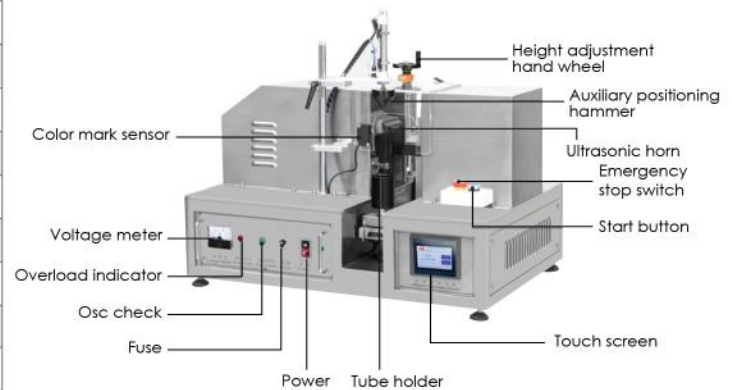


Simple to use and clean



Solid holder to ensure good sealing effect

Model	MT-STSM-007
Ultrasonic power output	1500W
Frequency	20KHz
Voltage	Ac 240VAC
Tube sealing diameter	10-50 mm
Tube sealing height	50-250 mm
Capacity	6-16tubes/min (Depend product)
Driven model pneumatic	Pneumatic
Operation mode	PLC/ Small HMI
Weight	98 KG
Dimension (L*W*H)	980*730*730 mm



This tube sealer is applicable to toothpaste, cosmetic, pharmaceutical, food, industry product and other soft tube sealing.

Extensional organization of the machine is made of aluminium alloy and stainless steel.

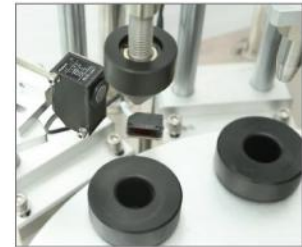
Main Features:

1. It's applicable to toothpaste, cosmetic, pharmaceutical, food industry product and other soft tube sealing.
2. Extensional organization of the machine is made of aluminium alloy and stainless steel.
3. The working platform is easily to operate that is independent man-machine operating interface and can be two dimension direction adjustment.
4. The ultrasound power supply adopts Taiwan movement circuitry, ultrasound parts use famous brands.
5. It's with the function of overload protection, phase difference protection, and power-fail protection.
6. The ultrasound output power is big enough to ensure the sealing quality of different kinds material and specifications soft tubes.
7. It's with the function of automatically cutting.

* All the specification is only for reference, machine shall vary with design.



Simple and easy to clean structure



Changeable tube holder size

Model	MT-ATFS-16
Sealing dia	16-50mm
Output power	2000W
Voltage	AC240 VAC Single Phase
Machine weight	360kgs
After packaging	400kgs
Machine size	1300*900*1550mm
Filling range	A:6-60ml, B: 10-120ml, C: 25-250ml, D: 50-500ml (Customer made available)
Control style	PLC control
Time adjust	directly from touch screen
Packaging	Ply wooden case packaging



Main Features:

1. Easy to operate and maintain.
2. Automatic positioning, filling, sealing, cutting and trimming, printing code in one time.
3. Stainless steel machine body, strong and beautiful looks.
4. Sealing mould can be customized according to customer requirements. Can seal many size of tubes.
5. Ultrasonic sealing machine power source for the pneumatic, working steady, not easy to damage, customers can rest assured use.
6. Ultrasonic frequency can meet international standard, no harmful to human being or environment.
7. Can be work in time, not need wait the heat time.

* All the specification is only for reference, machine shall vary with design.



Easy adjustment design for different bottle shape



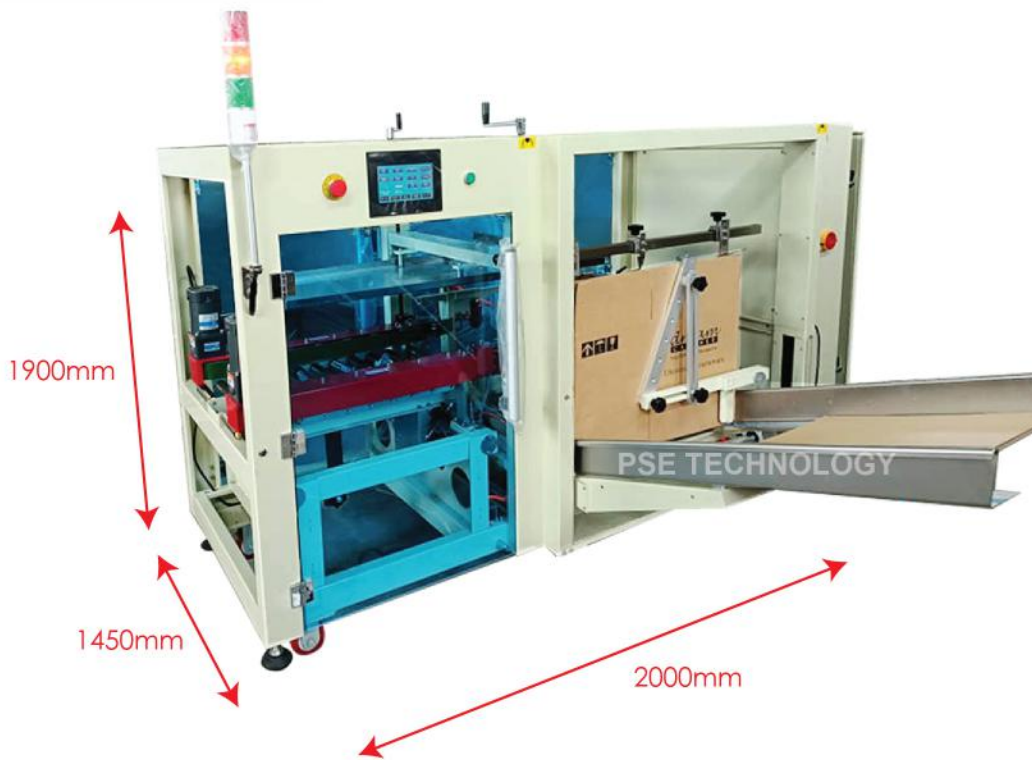
Solid design with outlet holder



Strong motor fixing plate prevent conveyor crack down

Model	MT-RBLM-40
Labeling speed (pcs/min)	40-100(related to material and label size)
Labeling accuracy (mm)	±2.0mm(material and label sizes are not counted in)
Label size (mm)	(L)20-280mm (H)30-140mm
Material size (mm)	Φ20-100mm (H)40-120mm
Roll inside diameter (mm)	Φ76mm
Roll outside diameter (mm)	(Max) Φ350mm
Machine size (mm)	(L)2000*(W)850*(H)1450(mm)
Power supply	AC240V AC Single Phase 1500W

* All the specification is only for reference, machine shall vary with design.



Cartoning process



Solid carton holder platform



Mitsubishi local PLC brand



Easy adjustment for different carton size



Motoried to fix carton shape



Local Mitsubishi brand touch screen panel

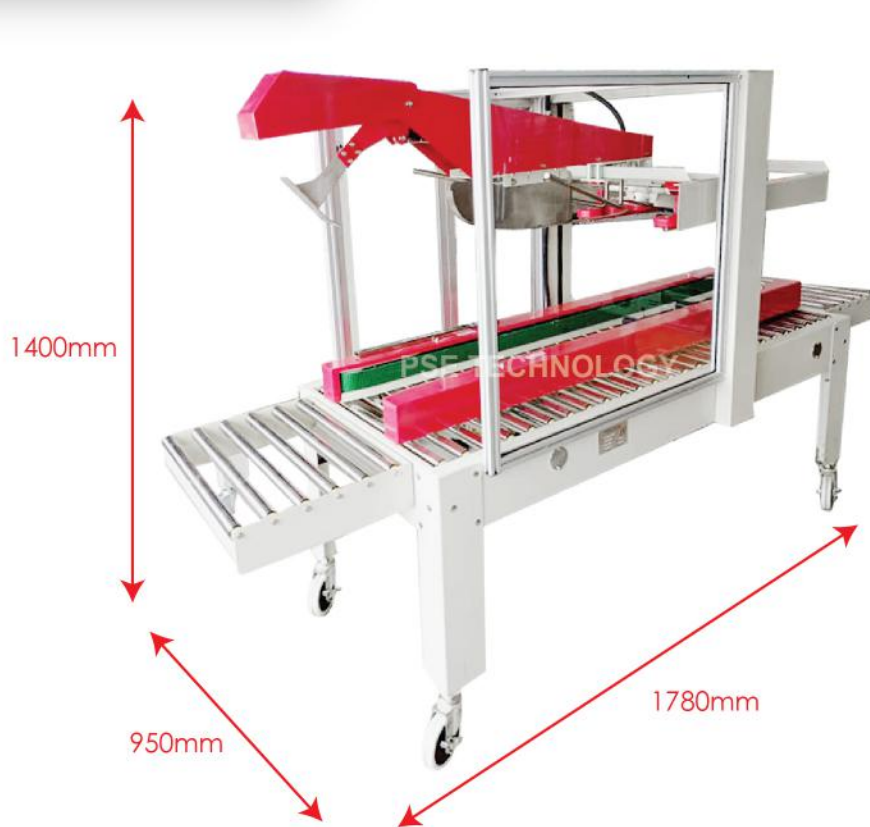
Fully Automatic Box Case Carton Erector

Carton erector can finish the work of carton opening, shaping, folding and sticking adhesive tapes. Equipped with our consistency system, it runs precisely and reliably. This machine provides extremely secure sealing effect, without tape slipping problems. Hot melt glue system is optional. It is widely used with our carton sealer, carton packer, weighting system, labeling machine, printing machine, strapping machine and conveyor system accordingly.

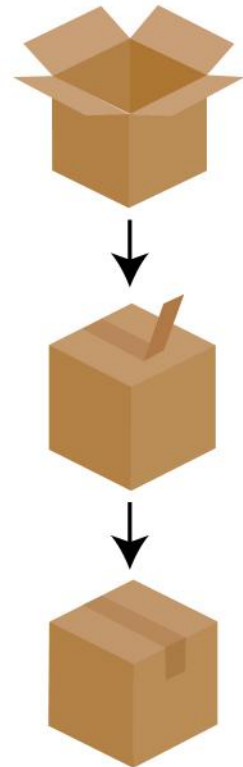
Model	MT-CEM-6
Suitable case	L200-500mm/ W150-390mm/ H100-350mm
Height of table	600-720mm
Work speed	600-720cartons/min
Dimension	2000x1900x1450mm
Power	Single phase, 240VAC
Air source	>500L/min, 0.4-0.8Mpa
Opp tape	<2.5 inch
Machine weight	NW-230kg, GW-270kg



* All the specification is only for reference, machine shall vary with design.



Cartoning process



Door to ensure safety work environment



Automatic top carton closing



Carton width adjustment



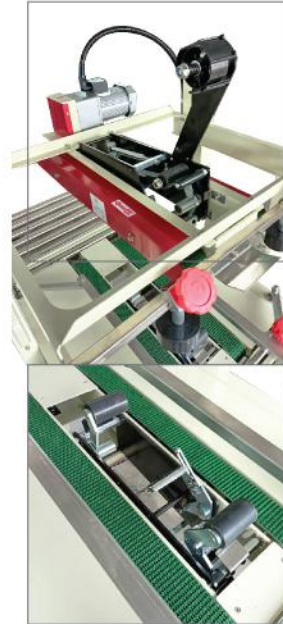
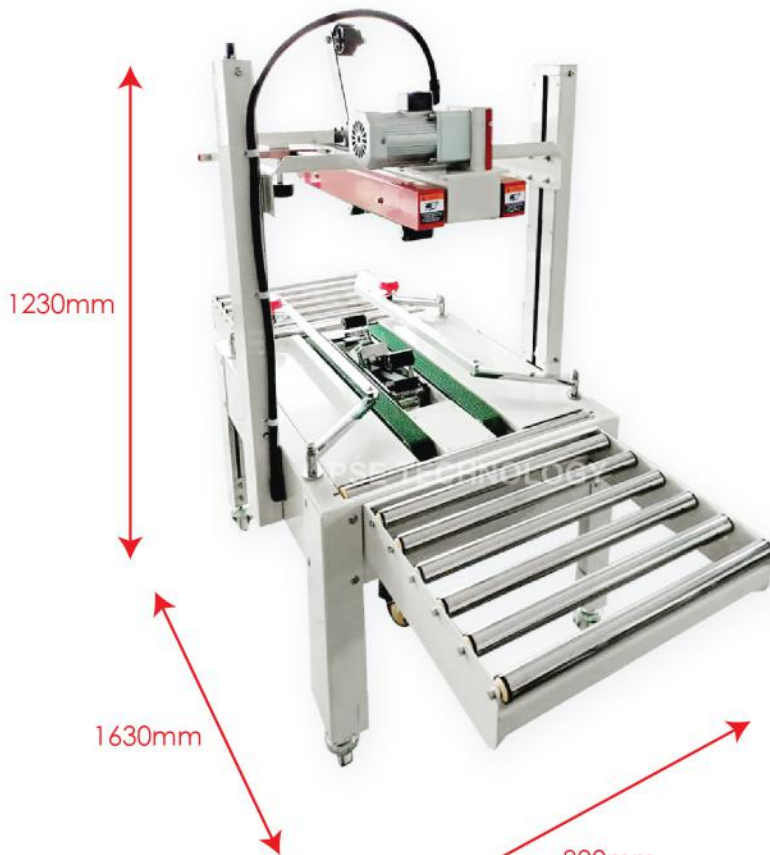
Carton height adjustment

Automatic flaps folding carton sealer GPC-50ED automatically attaches the tape to the top and bottom, no need for manual work. It uses an adhesive tape to seal the carton, not only the sealing effect is beautiful, and the sealing is firm. The use of the automatic packaging line will better reflect the value of this machine. This type of sealing machine is widely used in food, medicine, beverage, tobacco, daily chemical, automotive, cable, electronics and other industries at home and abroad.

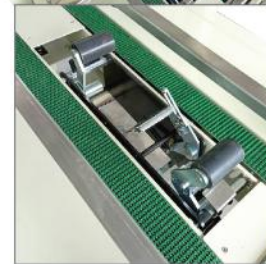
Model	MT-ACS-16
Work speed	16m/min
Max. carton size	W500*H500mm
Min. carton size	W120*H120mm
Power supply	Single phase 240VAC
Power	240W
Opp tape	<2.5 inch
Machine size	APP. 1780*950*1400mm
Machine weight	240kg



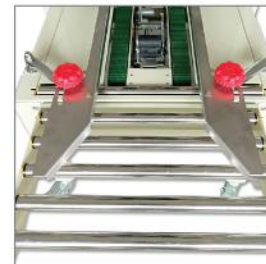
* All the specification is only for reference, machine shall vary with design.



Adjustable sealing height, easy adjustment.

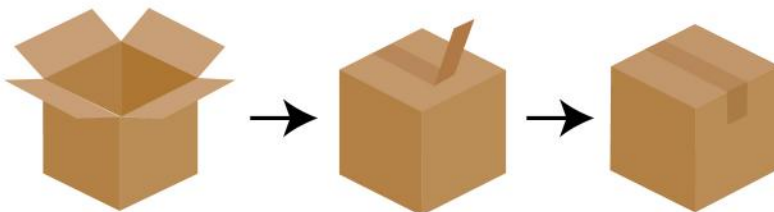


Solid bottom sealer structure.



Adjustable guide to fit vary carton size.

Cartoning process



Semi automatic carton sealer is suitable for circumstance where the size of cartons does not change frequently, which especially fits for continuous sealing of cartons in the same size. The machine is used in the fields of domestic electrical appliance, foodstuffs, general merchandise, medicine and chemical industries.

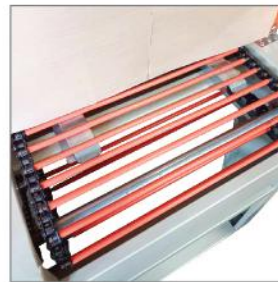
Model	MT-SACS-20
Conveyor speed	20m/min
Max. packager size	W500*H600mm
Min. packager size	W150*H120mm
Width of tape	26mm, 48mm, 50mm, 60mm
Power supply	Single phase 240VAC
Power consumption	0.18KVA
Machine size	1630*800*1230mm
Machine weight	145kg



* All the specification is only for reference, machine shall vary with design.



Safety on/off button, support high current.



Heat resistance roller stand.



Simple design, easy to cleaning and maintenance.



Control temperature and heat by one button.

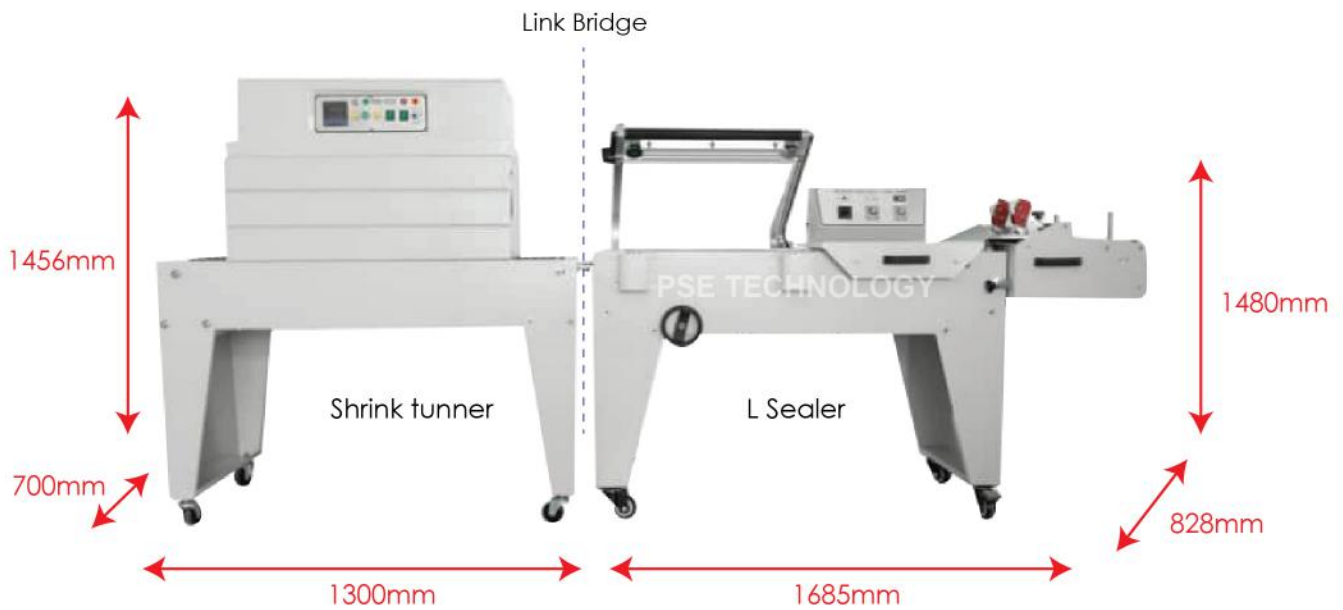
Model	MT-STM-6
Voltage	240VAC 50Hz
Power	6KW
Loading	7KG
Speed	0-10m/min
Material	PVC
Machine size	1200*850*400mm
Weight	60kg
Country of origin	Malaysia spec

The far-infrared shrink packaging machine is the latest automatic continuous shrink packaging equipment in the domestic market. The shrink temperature and motor drive speed are stable and controllable, the adjustment range is wide, and there are instrument displays. The original roller auto-transmission device can work continuously. Shrink film is not suitable for PE

Features:

1. Using far-infrared tube for heating, saving more than 15%
2. Advanced design, stable and reliable performance, efficient power saving, good shrinkage effect, novel and beautiful structure, convenient operation and maintenance, etc.

* All the specification is only for reference, machine shall vary with design.



Solid shrink roll control



Intellegent temperature controller makes the operation easily



The time, transferring the products to the tunnel after sealing and cutting, is adjustable



Ceramic elements holder, can be used for long time and easier to be replaced.

Name	L Sealer	Shrink tunnel
Model	MT-LS-16	MT-ST-13
Machine size (LxWxH)	1685×828×1480mm	1300×700×1465mm
Max. packing size	L≤500 W≤430 H≤200mm	(L)700×(W)350×(H)200mm
Max. sealing size	(L)550×(W)450mm	
Packing speed	15~25 pcs/min	0~15 m/min
Machine weight	225kg	260kg
Power	2.5kw	9 kw
Voltage	1PH 220V 50Hz	3PH 380V 50Hz
Air pressure	6-8kg/cm2	
Film material	POF	



* All the specification is only for reference, machine shall vary with design.



Pharmaceutical



Dairy products



Wine



Egg white



Water



Chemical industry



Biology



Daily chemical



Able to provide in full scale set with smaller unit in one set



Homogenizer pump come with basement



Full stainless steel structure to make sure food-grade quality



Homogenizer blade inside the rotor to ensure product emulsifying onto the process

Material : Stainless Steel

To cook chili sauce, paste sauce, drink and other food product. To help maintain the goods stir well constantly.

Food emulsifier machine advantages:

1. Large processing capacity, suit industrialized on-line continuous production.
2. Particle size distribution range narrow, high evenness.
3. Saving energy consume, saving time, high efficiency.

Accessories such as inlet/outlet hole connection, tank level sensor, drain hole, clamp type flange, timer setup, CIP system and etc can be modified to meet your requirement. Tank material stainless steel 304 or 316. Size Variation 100L-5000L.

* All the specification is only for reference, machine shall vary with design.



Made up of food-grade stainless steel, durable for a long time use.



Infrared inductive head under the outlet is so sensitive that the sensor will be triggered



High-accuracy microcomputer control system makes the weighing and filling process scientific and less error.



Transparent visible window is to observe the inside working of the machine.

Powder Filling Machine serves as a good helper in subpackaging all kinds of particles, powder and components. It has adopted automatic microcomputer control system, fully ensuring the high speed and accuracy of filling process. So it is a wonderful device which may suit different personal needs. Perfect for home or commercial use.

Model	MT-PFM-180
Scope	2 in 1 (dry particle or granular powder)
Power	180W
Power supply	Single phase 240VAC
Filling speed	4-8s/pack (depending on materials)
Filling range	1-120g (accuracy depend product)
Machine material	Stainless steel
Machine size	L380*W230*H490mm
Machine weight	10kg

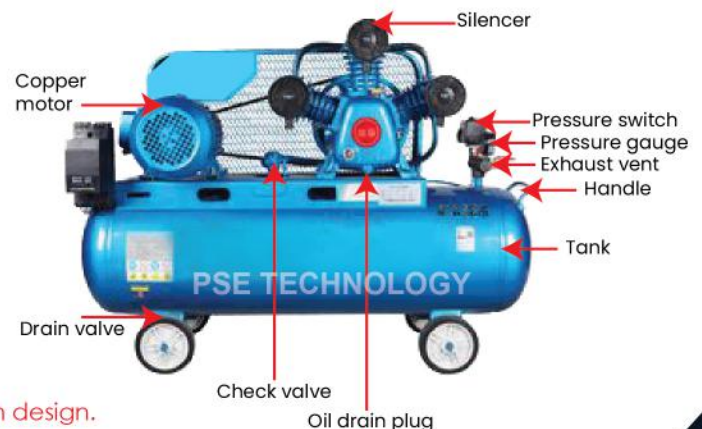


* All the specification is only for reference, machine shall vary with design.



An air compressor is a machine that uses an electric motor or gas engine to power a device that sucks in successive volumes of air from the atmosphere, compresses (squeezes) each volume of air in a confined place to increase its pressure by making the volume smaller, and then transfers the high-pressure air to a receiver tank, according to the EnergyTechPro educational website of DTE Energy. The high-pressure air is drawn off from the receiver tank to power equipment.

Model	MT-AC-3
Tank capacity	110L
Power	3KW
Power supply	308V three phase
Pressure	1.25mpa
Max. air flow	0.36m ³ /min
Weight	100kg
Machine size	1200*460*830mm



* All the specification is only for reference, machine shall vary with design.



USB interface, convenient to store information



Quick-drying inks are applicable to non-absorbent surfaces such as metal, plastic, packaging bags, and glass.



Sensitive LCD Touch Screen



High printing accuracy

Model	MT-LCP-25
Voltage	110-220V
Printing speed	50/min
Printing precision	600DPI
Printing distance	2-5mm
Printing type	Date, graphics, barcode, two-dimensional code, etc..
Size of screen	4.3in
Capacity of ink cartridge	43ml
Machine size	242*126*50mm
Language	English & Mandarin
Machine Weight	0.9kg (not include ink cartridge)

Features:

1. Brush-working function
2. Safe, muted and efficient working performance
3. Adopt 4.3 Inch intelligent operation large touch screen
4. Large capacity, can be sprayed 300,000 characters
5. Without ribbons, a character limit, allow directly enter a code
6. Can spray dot word and graphics: the edited text can direct printing, graphics import by U disk directly coding
7. Support Online or handheld usage: Plug optical, can be used with the pipeline use.
8. Widely usage, applied for food bags, boxed yogurt, steel, PVC pipe, PPE pipe, wood, sheet metal and other flat

* All the specification is only for reference, machine shall vary with design.



- Heavy duty and robust design to ensure the pressing power product liquified percentage will improve.



- Product outlet with stainless steel plate guide, prevent wastage.



- Solid rotating shaft, power and robust with stainless steel 304 material.



Model	MSPM66
Voltage	415V/50Hz
Power	3hp
Body type	Stainless steel 304
Machine size	1372 x 635 x 1194mm(h)
Weight	190kg
Country of origin	Malaysia spec

Features

1. Overall thick stainless steel design, thick and heavy design, imitating corrosion, easy to clean.
2. High-efficiency speed regulation direct-drive with motor, and gearbox.
3. Horizontal degree uniform rotation design, equipped with pressing arm so the coconut slowly move, the skin is of the coconut will be liquidized.
4. Safe Time and easy to work with
5. The motion is solid and steady to use.

* All the specification is only for reference, machine shall vary with design.

PSE



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