

SINCE1987

31PACK CO. LTD.

SPECIALIZING IN AUTOMATIC PACKAGING MACHINERY

**PRODUCT
CATALOG**



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31PACK.CO.,LTD.

CONTENT

- 3. ABOUT US
- 4. MAJOR CLIENT
- 5. SHRINK WRAPPING
- 8. THREE-SIDE WRAPPING
- 10. BANDING MACHINE
- 12. TAPING MACHINE
- 15. WRAPPING MACHINE
- 17. VACUUM MACHINE
- 19. BAND SEALER
- 21. WEIGHING MACHINE
- 22. PACKING MATERIAL

**PACKING
SOLUTIONS**

Hello

31PACK. Co.,LTD. was Founded in 1987, and is specializes in fully automatic packing solutions for various materials and machinery like automatic packing machine, 3-sided seal packing machine, Shrink wrapping machine, Carton box taping machine, Pallet wrapping machine, automatic weighing machine, and packaging materials like PP band, tape. With over 30 years of history, technology and thorough warranty, we are working hard today.

We, 31PACK Co.,LTD. have promised to supply the best quality packaging machines to our customers and We are thoroughly consulting with warranty and the best products for your company so that the first meeting with consumers will last forever.

Today, we will strive for better product value in your products, and we will become 31PACK Co.,LTD. that will help you to develop with your advanced technology and good quality packing machines.

Thank you



MAJOR CLIENT



SHRINK WRAPPING



AUTOMATIC SHRINK WRAPPING MACHINE

- Alarm system
- Special coating treatment to minimize film sludge around seal - knife
- High-performance, high-reliability PLC-control system
- Robust Mechanism System
- Realization of system applicable to domestic film
- Specifications may be changed without prior notice to improve the performance of the

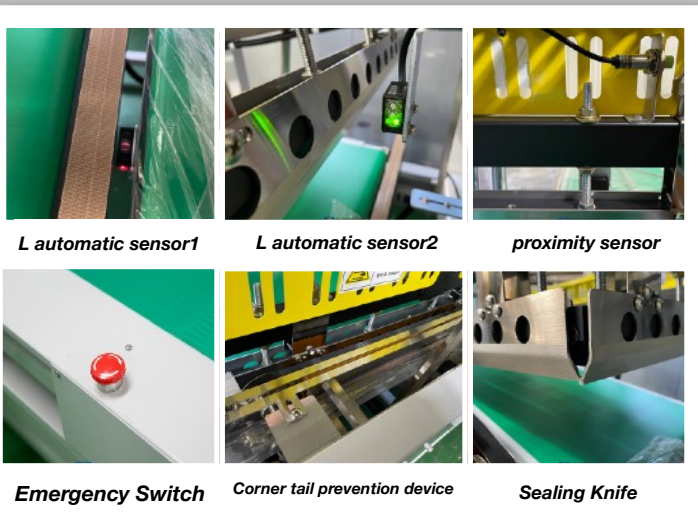
Option

- The entire machine or parts can be made of stainless steel
- If the product is small, it can be manufactured as a cross type.
- Tunnels can be changed according to

Specifications

- Packing production capacity: 25 ~ 30EA / min (A4 size standard)
- Conveyor Speed: 25 ~ 30M / min
- Seal bar Size: 615 × 515
- Packing Size: Max 300 (W) × 120 (H) × 500 (L)
- Dimensions: 910 (W) × 1490 (H) × 2050 (L)
- Power: Single phase 220V × 2Kw
- Max weight of packing product: 10Kg

Automatic L sealer



Machine Dimensions	650(W)×950(L)×250(L)
Internal Dimensions	615(W)915(L)×230(L)

SEMI AUTOMATIC SHRINK WRAPPING

- * Improves performance and durability by adopting computer control method
- * It is easy to use and maintain by making outer shape and built-in type in the style of American style.
- * Heater breakage caused by temperature deviation is controlled by a computer control program device to prevent heater breakage and reduce smoke due to overheating.

	Inner dimension	Outer dimension
400x500	400(W)x500(L)	700(W)x990(H)x1460(L)
450x600	450(W)x600(L)	750(W)x990(H)x1700(L)
650x950	650(W)x900(L)	1200(W)x1050(H)x2300(L)
750x1100	750(W)x1100(L)	1300(W)x1050(H)x2450(L)



SHRINK TUNNEL



Semi auto Shrink tunnel

- Inner Dimension : 400(W)x170(H)x800(L)
- 500(W)x250(H)x800(L)
- 500(W)x350(H)x800(L)



Top chain tunnel

- Inner Dimension : 220(W)x350(H)x1050(L)



Automatic shrink tunnel

Inner Dimension	500(W)x170(H)x1250(L)
	500(W)x250(H)x1250(L)
	500(W)x350(H)x1250(L)
	500(W)x400(H)x1250(L)
	800(W)x200(H)x1250(L)
	800(W)x350(H)x1250(L)
	800(W)x400(H)x1250(L)

Packing size	Max 300(W) x120(H) x500(L)
Heater	12Kw
Power	220V / 380V
Max Package weight	10Kg

MINI SHRINK TUNNEL



SWSM-100

- Small shrink tunnel made of stainless steel
- Tunnel inner diameter: 200(W)×100(H)×400(L)
- Tunnel outer diameter: 500(W)×450(H)×800(L)
- Weight and electricity: 20Kg, 220V, 3Kw

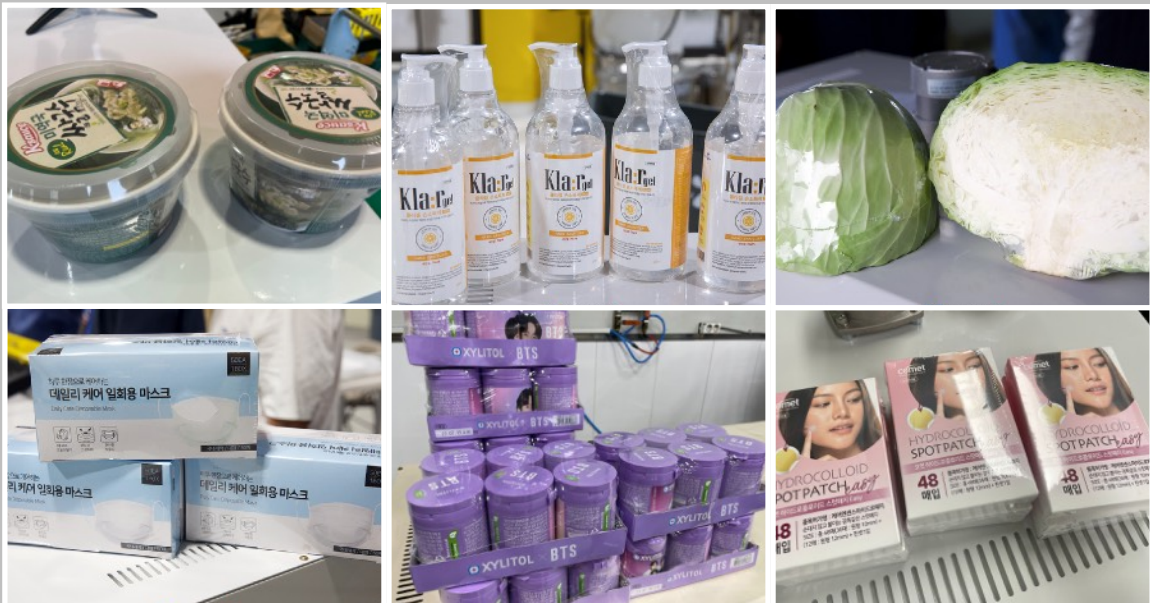


CHAMBER SHRINK WRAPPING MACHINE



Replay55

- Equipped with state-of-the-art unique system, shrinks quickly while maintaining the original shape of the product
- Packing Size : Max 500(W)×380(H)×200(L)



THREE-SIDE WRAPPING

PILLOW THREE SIDES WRAPPING MACHINE - UPPER



Product Features

- High performance by touch screen PLC inverter control
- I-Mark, equipped with before and after correction device
- Automatic stop when foreign matter gets into the cutting part
- High-speed shrinkage packaging is also possible by connecting an automatic shrink tunnel.

PILLOW THREE SIDES WRAPPING MACHINE - BOTTOM



Option

- Tunnels can be changed according to specifications.
- Touch screen, PLC, etc. are determined according to product specifications.

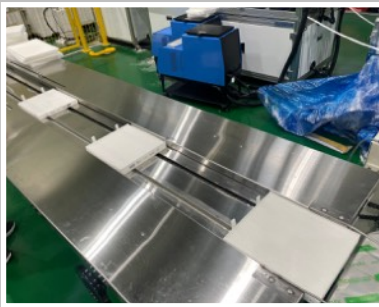
PILLOW THREE SIDES WRAPPING MACHINE - OPTION

OPTION

- Tunnel can be changed according to specifications.
- Whether to install touch screen, PLC, etc. is determined according to product specifications.
- The end cutter method can be selected from rotary or box motion.
- Printing options available: thermal transfer printer, eye-mark



Detailed photo



Product Transfer Attached Conveyor



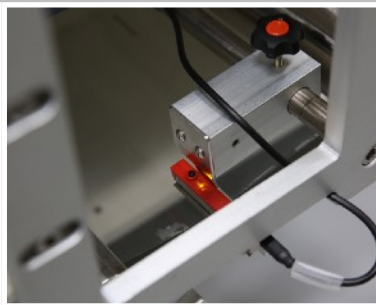
Product Transfer Attached Conveyor



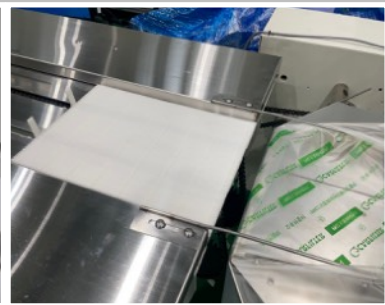
Touch Panel Controller



Thermal Transfer Printer



Eye mark sensor for printed film



Product size adjustment former

Three-sided packaging products



BANDING MACHINE

AUTO STRAPPING MACHINE



Specifications

- Eliminates band jamming by using a brass band guide roller
- Significantly improved cutting performance
- As a prefabricated type, it is easy to expand the arch
- Smooth connection operation and greatly improved durability of parts
- Packing size (default) : 850(W) x 600(H)
- Power : 3P 220/380V, 220V

AUTO STRAPPING MACHINE - LOW FLOOR



SAP7-OLL

- The table is made of 3mm stainless steel so that heavy objects can be used for a long time.
- The height of the work table is 480mm, and it is designed to be suitable for lifting and packing heavy objects.
- Packing size (default) : 850(W) x 600(H)
- Power : 3P 220/380V

SS-40T

Dimension(mm)	900(L) X 574(W) X 780(H)
Weight	70Kg
Packing Size	(MIN)50X30mm /(MAX)574X800mm
Using Band	6,9,12,15.5mm
Packing Speed	2.5sec/strap
Tension	150~450n

Common specifications

- It is so simple to use that even beginners can use it immediately.
- Works twice as fast as using manual tools
- Strong tightening is possible with chain type.
- It is durable and can be used for a long time.
- Because it is fusion-bonded by heat, there is no need for accessory parts (creeps)

SEMI AUTO STRAPPING MACHINE



SEMI AUTO STRAPPING MACHINE - LOW FLOOR

SS-40TL

Dimension(mm)	1500(L) X 574(W) X 480(H)
Weight	70Kg
Packing Size	(MIN)50X30mm /(MAX)574X800mm
Using Band	6,9,12,15mm
Packing Speed	1.8sec/strap
Tension	150~450n
Power	220V, 60Hz 1Phase

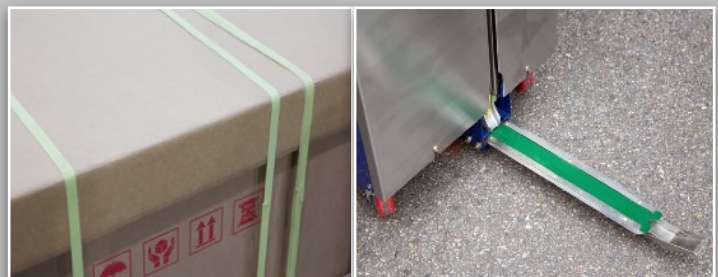


PALLET STRAPPER



SS-40PL

- This is a mobile pallet strapping machine that straps products with its pallet
- providing strong tension and tightness to the product
- Folding band guide for storage convenience.
- Works with 220V 1 ph household electricity.



Specifications

- It is a packaging machine that binds together in a fan shape with collar ties. It is possible to bind films up to 300mm in width.
- Made in Korea, it is a collar tie binding machine that has excellent durability and helps to increase production capacity.
- Distinct scalloped shape
- Easy replacement of the corrugated board (accordion)
- Strings of various thicknesses can be used (0.38, 0.42, 0.45)
- Maximum film width 300mm binding
- Securing a large enclosed storage space
- Spacious and sturdy work table
- Fast work when working with conveyor interlocking

TIE BINDING MACHINE



TAPING MACHINE



SWTM-88N

SEMI AUTO TAPING MACHINE

- Simple structure
- Convenient and easy operation
- Convenient and easy
- Top and bottom taping at the same

Dimensions	(L)1000, (W)890, (H)1780, PASS (H)650~900
Packing Size	(L)170~, (W)160~500, (H)120~500
Tape	OPP TAPE 50mm
Driving Method	SIDE BELT TYPE
Size Change	MANUAL
Capacity	MAX. 15 BOX/minute
Machine Weight	156kg
Power	220V or 380V 3P, 60Hz, MOTOR 0.2Kw x 2

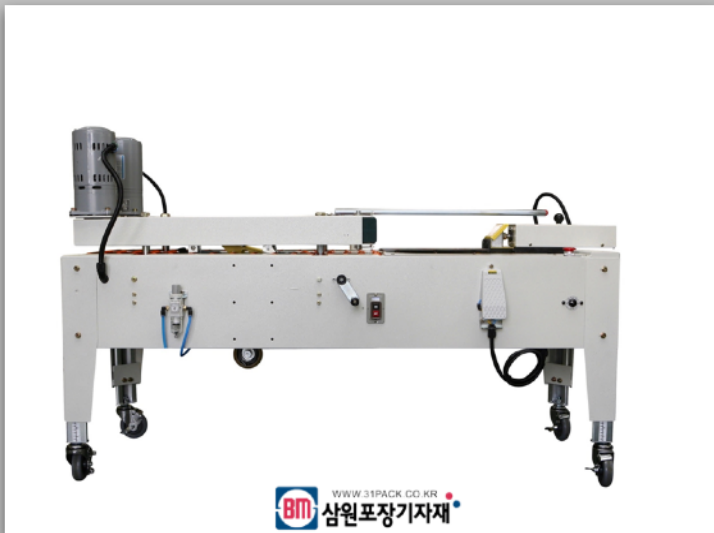


SWTM-120N

AUTO TAPING MACHINE

- Latest automatic folding and tape sealing machine
- Automatic folding is done with arm system
- Flexible size variation
- Easy change of tape head

Dimensions	(L)1520, (W)890, PASS (H)660~900 TOTAL (H)1780
Packing Size	(L)200~600, (W)160~500, (H)120~500
Tape	OPP TAPE 50mm
Driving Method	SIDE BELT TYPE
Size Change	MANUAL
Capacity	MAX. 700 BOX/hour



SWBST-500N

BOTTOM BOX SHAPING TAPING MACHINE

- Automatic size fixing and taping
- Automatic flap folding box sealing
- The Side belt centering and operation belt for traditionally carried
- Random type automatic machine

Dimensions	(L)1800, (W)800, (H)600
Packing Size	(L)150~600, (W)250~500, (H)100~500
Tape	OPP TAPE 50mm
Driving Method	SIDE BELT TYPE
Size Change	MANUAL
Capacity	MAX. 700 BOX/hour



SWBST-600N

BOTTOM BOX SHAPING AND AUTO TAPING MACHINE

- Automatic flap folding box and taping at the same time
- The width and height can be adjusted by the handle
- Bottom box shaping and auto taping machine is integrated
- New way carton sealer

Dimensions	(L)2100~, (W)890, (H)1700~1800, (FL)600~700
Packing Size	(L)150~600, (W)250~500, (H)120~500
Tape	OPP TAPE 50mm
Driving Method	SIDE BELT TYPE
Size Change	MANUAL
Capacity	MAX. 450 BOX/hour



SWBS-1000N

AUTOMATIC BOX SHAPING MACHINE

- High performance fully automatic taping machine with central control system for automatic supply of carton box, folding and sealing.
- No breakdown due to simple structure
- Flexible size variation and PLC control management
- Alarm function to replace tape roll

Dimensions	(L)2200, (W)2420, (H)2040, CONVEYOR (H)720
Packing Size	(L)300~500, (W)200~370, (H)150~500
Tape	OPP TAPE 50mm
Driving Method	SIDE PUSHER + SIDE BELT DRIVING
Size Change	Adjustment by handle
Capacity	MAX. 9 BOX/minute



SWTM-200S

STYROFOAM SEMI-AUTOMATIC SIDE TAPING MACHINE

- Side taping machine for styrofoam box and ice box
- The width and height can be adjusted by the handle
- Excellent performance and easy tape change

Dimensions	(L)1000, (W)890, (H)1780, PASS (H)650~900
Packing Size	(L)200~400, (W)200~400, (H)200~400
Tape	OPP TAPE 50mm
Size Change	TOP AND BOTTOM BELT TYPE
Size Change	Adjustment by handle
Capacity	MAX. 15 BOX/minute



SWTM-3000S

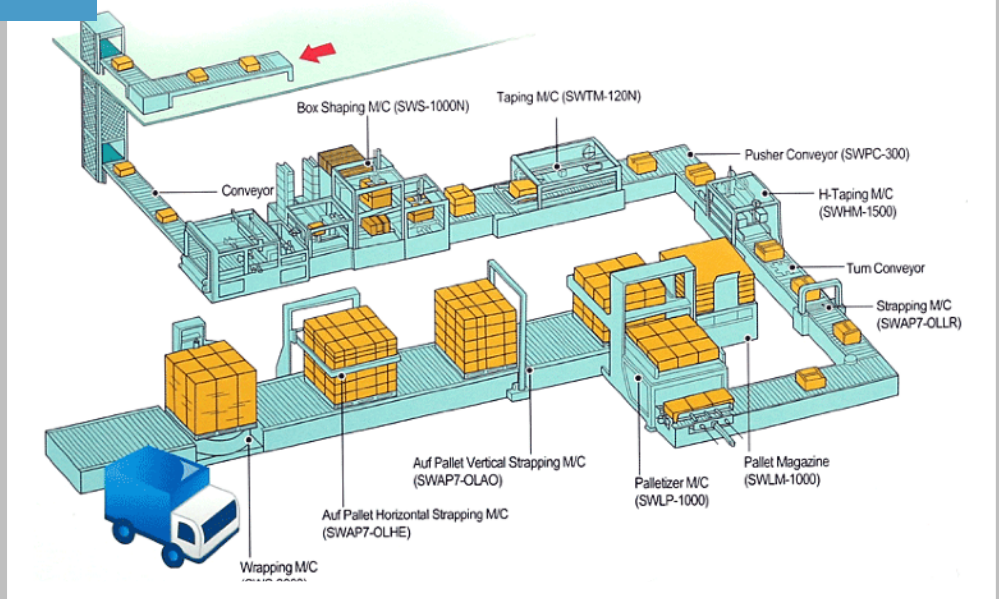
STYROFOAM RANDOM SIDE TAPING MACHINE

- Side taping machine for styrofoam box and ice box
- Automatic taping on various box sizes
- Excellent performance and easy tape change

Dimensions	(L)1000, (W)890, (H)1780, PASS (H)650~900
Packing Size	(L)200~400, (W)200~400, (H)200~400
Tape	OPP TAPE 50mm
Size Change	SIDE BELT or TOP BELT TYPE
Size Change	RANDOM
Capacity	MAX. 10 BOX/minute

AUTOMATIC PACKING SYSTEM

31PACK CO., LTD. is leading company in the automatic packing field, open the 21th century with the supreme packing system.



WRAPPING MACHINE

WRAPPING MACHINE



PW-2415B

- Various controls such as slow start, slow stop, and separate winding at the top and bottom are possible.
- Options such as Power Stretch and Turntable Safety Guard
- Inclined plate can be added

Packing Size	Max. 1300X1200mm
Packing Height	Max. 2300mm
Packing Weight	Film Stretching
Turn Table Size	φ1500Xmm(w,H)
Turn Table Speed	Max.12 rpm
Film stretching	150~200%
Dimensions	1500(W)X2540(L)X2480(H)mm
Power	1Ph, 220V, 60Hz

LUGGAGE WRAPPING MACHINE - SW-900



Product Features

- Dimensions : (H)1670MM X (W)630MM X (L)1600MM
- Packing Size : (H)250~1000MM X (W)200~500MM X (L)250~1200MM
- Packing Weight : Max100Kg
- Power : 220V/ 1Ph

TOP PRESS WRAPPING MACHINE



Product Features

- Dimensions : (H)2,465MM X (W)1,500MM X (L)2,800MM
- Packing Height : Max 2,465MM
- Packing Weight : Max 2TON
- Turn Table Width : 1,500MM
- Power : 220V/ 1Ph
- Machine Weight : 650KG

Product Features

-Due to the various program operations, the product can be wrapped quickly and cleanly.

Minimum pallet size	600W x 600L
Packing Height	2000mm
Workload per battery charge	About 150 pallets
Machine speed	35m/min ~ 80m/min
Driving power	0.3Kw
Battery	12V/75Ah x 2EA
Machine Weight	310 (Kg)
Dimensions(W x L x H)	1,230mm x 1,050mm x 2,000mm

WRAPPING ROBOT - R4



VACUUM MACHINE

DOUBLE VACUUM PACKAGING MACHINE



Product Features

- Special design is available for various product
- Simple to operate microcomputer control system with multiple program setting options-PLC-control system
- Wrinkle-type adhesive packing application
- Complete stainless steel structure for maximum durability
- Option : GAS flushing (N2,CO2,O2)
- Fresh meat, seafood, pickled vegetables, agricultural products and prepared foods, Electronic parts, hardware products, medical instrument..etc
- Control type : Digital
- Chamber dimension : 810x690x170mm
- Sealing length : 750mmx10mm
- Vacuum pump : German Busch
- Vacuum cycle : 2~3/min
- Machine Weight : 330Kg
- Dimensions : 1700x1000x1050mm
- Packing Weight : Max10Kg

CHAMBER VACUUM SEALER



CM-400, CM-500, CM-600

- Transparent organic glass lid has a great hardness, offering explosion protection, letting the vacuum and sealing process visible to users.
- Press the vacuum case's lid, the machine will automatically start work complete the whole process. Vacuum gauge is accurate for real-time observation.
- Excellent suction and sealing performance. Chamber space is enough for normal packing.

	Chamber Dimension	Machine Dimension	Sealing Length
CM400	430 x 480 x160	490 x 580 x540	400m
CM500	490 x 630 x 160	545 x 690 x 960	460mm
CM600	630 x 600 x160	690 x 690 x960	600m

NOZZLE TYPE VACUUM MACHINE



AP-350M, AP-450M, AP450E

- STAINLESS STEEL structure to prevent of rust and outstanding for clean room use.
- Vacuum seal, Only seal, vacuum & gas flushing seal (Vacuum 4times, Gas 3times)
- Stable DC24V output
- Built in digital vacuum indicator and sensor.
- Sensitive safety sensor
- Compact size and simple installation and use
- Sealing temp indicator, cycle counter



BAND SEALER

HORIZONTAL BAND SEALER



SWPM-100PA / SWPM-100PA(Air Suction)

- All-in-one continuous high-speed bag sealing system
- Rust-inhibiting Stainless Steel construction is available.

Sealing Width	10mm
Sealing Temp	0~400C
Sealing Speed	Max 15m/min
Dimension	W465 X L1230 X H1050
Weight	92Kg
Power Consumption	1410W
Power	220V 1P 50/60Hz

SWPM-300P

- The air suction function reduces the packaging volume and extends the expiration date by removing air.
- Equipped with 0.5 horsepower as standard, can be upgraded to 1 horsepower

Sealing Width	10mm
Sealing Belt	W20 X L1140
Sealing Speed	MAX 17m/min
Dimension	W500 X L1250 X H990
Power Consumption	1160W
Power	220V 1P 50/60Hz

HORIZONTAL BAND SEALER - ADVANCED



VACUUM BAND SEALER



Product Features

- Vacuum band sealer with send, vacuum, seal, code, in one set, continuous sealing and packing machine.
- Option : Gas Flushing
- Shield on the machine to ensure the safety of the operator

Sealing Width	10mm
Speed	Max 13m/min
Cooling type	Air cooled
Dimension	W600 X L1020 X H1140~1320
Weight	110Kg
Power Consumption	Max 2500W

VERTICAL BAND SEALER



SWPM-200P

- All-in-one continuous high-speed bag sealing system
- Bag height range - Max 500mm
- Rust-inhibiting Stainless Steel construction is available.

Sealing Width	10mm
Sealing Temp	0~400C
Sealing Speed	Max 15m/min
Dimension	W530 X L1630 X H1440
Weight	111Kg
Power Consumption	920W
Power	220V 1P 50/60Hz

SWPM-400P

- Vertical band sealer including sealing and printing functions made in Korea
- Customization possible with various options

Sealing Width	10mm (5mm possible)
Sealing Temp	0~400C
Sealing Speed	MAX 15m/min
Conveyor Belt	W240 X L2040 X 2T
Weight	110Kg
Power Consumption	920W
Power	220V 1P 50/60Hz

VERTICAL BAND SEALER - ADVANCED



INKJET CODING



Product Features

- High-speed mass printing is possible by installing industrial inkjet coding on machines that require band sealers or sealers and printers.
- Prints up to 6000 hours
- Automatic cleaning system for cleaning and easy start-up even after long-term storage

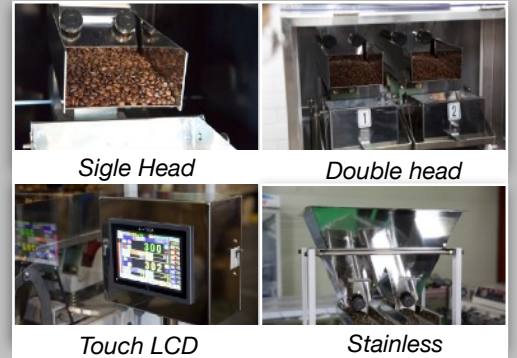


AUTO WEIGHING MACHINE -



Product Features

- Electronic scale direct measurement, loading is more accurate
- Microcomputer control, using more reliable
- Dual vibration feeder, more efficient.
- All stainless steel structure
- Manual bagging, photoelectric sensors
- Weighing Speed : 6~15 packs/min
- Weighing range : 3Range (0~500g/0~3kg/0~5kg)
- Weighing type : Load cell type
- Power : AC 100V/220V, 60Hz, 0.3kw



HOPPER LOADER



	Power	Power consumption	Cyclone capacity	Vacuum distance	Capacity
3HP	3ph 380V/220V	2.2Kw	15L	5M	15Kg/min
5HP	3ph 380V/220V	3.75Kw	25L	7M	20Kg/min

PACKING MATERIAL



Bellows Conveyor



Automatic Conveyor



OPP Tape



Stretch film



Stretch film for machinery



OPP Tape for machinery



Color OPP Tape



Surface Protection Tape



Shrink film



Palm Gloves



Palm Gloves



Top Gloves



3M Gloves



Parts for band sealer



Solid ink



PP Strapping band



Printed Strapping band



Color Strapping band



Printed Strapping band



Shrink band



Stretch film dispenser



PACKING SOLUTIONS!

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