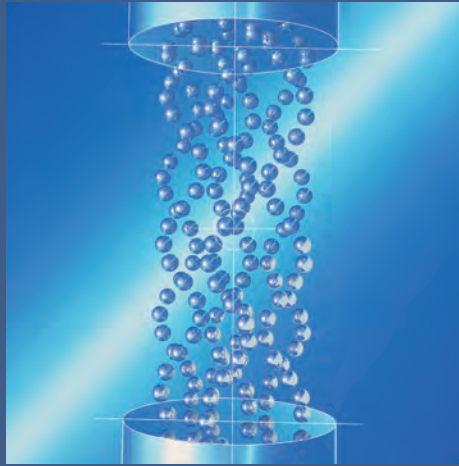




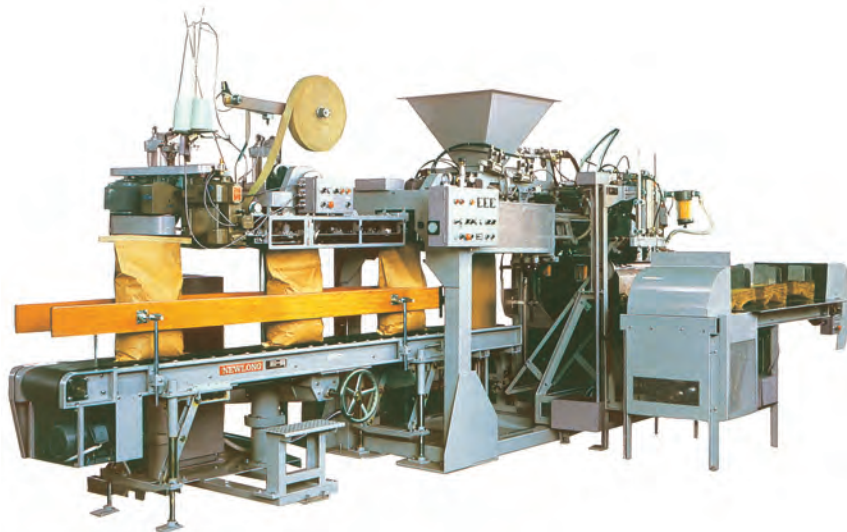
NEWLONG®



GENERAL CATALOG



Bagging & Packaging
Machinery Engineering



신라포장기계(주)
SILLA MACHINE WORKS, LTD.

The Total Bagging System From Weighing To Palletizing

We, NEWLONG, manufacture and supply automatic bagging systems for food, chemicals and other various fields. New value added heat sealers, bag closers, and bag tiers are also developed by Newlong Group to satisfy the needs of customers in the packaging industry.

저희 회사는, 이미 국내대기업 및 여러 기업에서 그 품질을 인정받은 세계적인 포대포장 미싱 및 포장기, 자동 포장기 전문업체인 日本 NEWLONG사의 한국총대리점으로서 혁신적인 가격으로 제품을 공급하고 있습니다. 쌀, 비료, 사료, 첨가제, 화학제품, 동물약품등 다양한 종류의 내용물에 따라 소비자가 요구 하는 여러종류의 기종을 보유 하고 있습니다. 또한, 빵, 과자, 식품등을 포장하는 BAND SEALER, BAG TYING기도 판매하고 있습니다.

완벽한 재고 관리를 바탕으로 주문후 3일 이내에 납품을 하는 것을 목표로 하고 있으며 철저한 A/S를 통한 고객의 신뢰를 위해 끊임없이 노력하고 있습니다.

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FILLED BAG CLOSING MACHINE **A SERIES**

A VARIETY OF MODELS AVAILABLE TO COPE WITH EVERY BAGGING REQUIREMENT

The A series represents bag closing machines for various products e.g. foodstuff, fertilizer, feed & chemicals; packed in paper, jute, woven cloth, & polyethylene bags. Capable of handling 500~1,000 bags/hour with simple operation. The right model suitable for your working condition can be selected from the wide range of machines available.



- 대형 포대 포장기
- 모든 종류의 백 재질에 관계없이 다양한 포장가능
- 포장후, 실 crepe-tape 자동사절
- 연속적인 포장작업가능
- option 장치 설치로 포장작업의 효율 극대화

사양

미싱	MODEL DS-6AC
능력	400 ~ 600 BAGS/HR.
콘베어사양	350(H) × 2,500(L) × 300(W) mm
사절	자동식(에어 실린더 컷팅)
땀수	7 ~ 12mm
바늘	DR × 2, #25,26

A6-B 대형포대포장기

SPECIFICATIONS

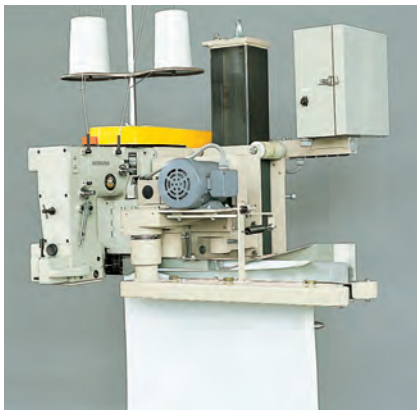
Specs \ Models	DS-2 II	DS-C	DS-6AC	DS-6WAC	DS-9C
Revolution (r.p.m.)	1,400	1,400	1,400	2,000	2,700
Stitch range (mm)	7~12	7~12	7~10.5	7~10.5	7~10.5
Oiling system	manual	manual	manual	semi-auto	fully automatic
Needle	DR×2 #25~26	DR×2 #25~26	DR×2 #25	DR×2 #25 (2)	DR-H30 #26
Thread	20/6 20/9 30/12	20/6 20/9 30/12	20/6	20/6	20/6
Cutter	mechanica	mechanica	air cylinder	air cylinder	air cylinder
Sewing start	foot pedal	foot pedal	limit switch	limit switch	limit switch
Type of column	A2-P, A2-B, A6-P, A6-B		A6-P2L, A6-B2L, A6-BL2L		

FILLED BAG CLOSING MACHINE **A1-PB SERIES**

NEWLONG offers the latest in bag closing technology with the A1-PB height adjustable pillar and DS - 9C high speed, oil enclosed sewing head. Available for both plain sewn and crepetape bound closure.

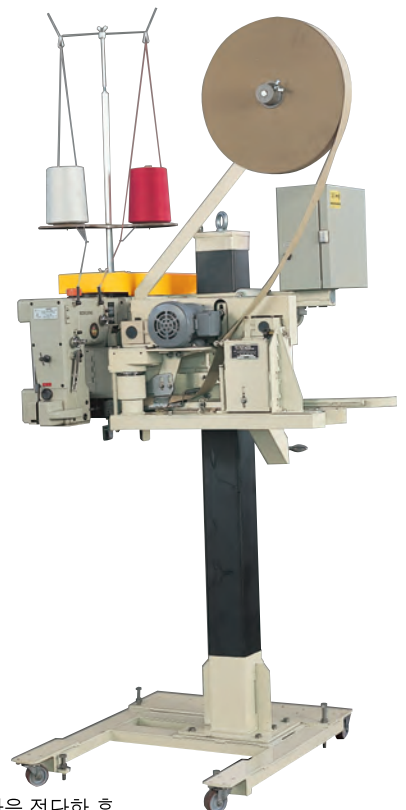
This closing system can be used with a range of NEWLONG conveyors or an existing conveyor.

A1 - PB (DS-9C) 장치에 다양한 자동투입장치를 부착하여 다양한 용도로 포장가능



A1-PB(DS-9C) + CP4900

- ▶ Model A1-PB+CP-4900
백이 자동으로 투입되어 백상단을 1회 접어준 후 미싱으로 포장되어 1인 작업가능



A1-PB(DS-9C) + CM4900-3

- ▶ Model A1-PB+CM-4900-3
백이 자동으로 투입되어 백상단을 절단한 후 Crepe-tape sewing이 되어 1인 작업가능

SPECIFICATIONS

A1-PB (DS-9C)	
Max. Speed(r.p.m)	2,700
Stitch Width(mm)	7~10.5 (standard setting 10)
Stitch Type	Single Needle, Double Thread Chain Stitch (single thread available as option)
Cutter Type	Air Cylinder Driven Guillotine Cutter
Air Pressure (MPa)	0.4

B-2(DS-2II)
중형포대포장기



MODEL B-2 (DS-2 II)

- The sewing head can be moved up and down simply by operating a handle.
- Provision of casters allow the machine to be moved easily.
- The carrier table is equipped with an anti-derailing device and automatic return device.
- The machine can be operated easily.
- Bags made of any type of material can be stitched.

MODEL B-2 (DS-C)

- The sewing head can be easily moved up and down according to the bag height.
- The crepe tape unit can be installed for automatic setting of tape and provides beautiful finish.
- The low position of the carrier table allows easy loading and un-loading of bags.
- With completion of sewing, the carrier table automatically returns to the original position.
- Provision of casters allows easy movement of the machine.

- 중형 포대 포장기
- 백 크기에 따라 핸들로 상하조절가능
- 캐스터가 장착되어 이동이 용이
- 어떠한 종류의 백도 사용가능

사양

미싱	MODEL DS-2(II)
능력	200 ~ 300 BAGS/HR.
뜨수	7 ~ 12mm
미싱	290 ~ 750mm
실 사절장치	자동식
대차사양	455 × 300mm
바늘	DR × 2, #25,26

F-5(DS-5II)
소형포대포장기

Simply operating handle can move up and down the sewing head. Provision of casters allows the machine to be moved easily. The low position of the carrier table allows easy loading and un-loading of bags. Model DS-5 II bag closing head is equipped on the machine.

- 소형포대포장기
- 백크기에 따라 핸들로 상하 조절가능
- 바인더 장치로 CREPE-TAPE 사용가능
- 캐스터가 장착되어 이동이 자유롭다.

사양

미싱	MODEL DS-5(II)
능력	150 ~ 250 BAGS/HR.
뜨수	7 ~ 12mm (2본사 이중환봉)
미싱 상하 가능범위	450 ~ 860mm
post 높이	1,260mm
총중량	50KG
모타	220W
대차사양	450 × 305mm
바늘	DR × 2, #25,26

B-2(DS-C)
중형포대포장기

- 중형 포대 포장기
- 백 크기에 따라 핸들로 상하조절가능
- 캐스터가 장착되어 이동이 용이
- 어떠한 종류의 백도 사용가능

사양

미싱	MODEL DS-C
능력	200 ~ 300 BAGS/HR.
뜨수	7 ~ 12mm
미싱 높이	290 ~ 750mm
Crepe-tape 사절	자동식
실 사절장치	자동식
대차사양	455 × 300mm
바늘	DR × 2, #25,26



SPECIFICATIONS

	B-2 (DS-2 II)	B-2 (DS-C)	F-5 (DS-5 II)	
Capacity (bags/hour)	200 to 300	200 to 300	150 to 250	
Dimensions (mm)	1,180 L × 830 W × 2,200 H (including thread stand)	1,180 L × 830 W × 2,200 H (including thread stand)	1,400 L × 490 W × 1,400 H (including thread stand)	
Power required	200W, Clutch motor, 4P (single phase or three phase motor)	200W, Clutch motor, 4P (single phase or three phase motor)	220W (single phase motor)	
Size of carrier table (mm)	445 L × 328 W	445 L × 328 W	450 L × 305 W	
Sewing height (mm)	290 to 750 (Table surface to needle center)	290 to 750 (Table surface to needle center)	450 to 860	
Net weight (kg)	149	149	60	
Sewing head	Stitch width (mm)	7 to 12	7 to 12	
	Thread	20 × 6, 20 × 9, 30 × 12 ; cotton or synthetic	20 × 6, 20 × 9, 30 × 12 ; cotton or synthetic	20 × 6, 20 × 9, 30 × 12 ; cotton or synthetic
	Needle	DR × 2#25 or #26	DR × 2#25 or #26	DR × 2#25 or #26
	Thread cutter	Automatic cutter	Automatic cutter	Automatic cutter
	Crepe-tape	—	Automatic tape cutter	—
	Application	Bags made of paper, jute, PP/PE woven cloth, cotton and others.	Exclusively for paper bags	Bags made of paper, jute, PP/PE woven cloth, cotton and others.

* Specifications subject to change without notice.

SEWING HEADS **DS** SERIES



DS-2II Sewing head
A sewing head equipped with mechanically operated thread cutting knives.



DS-C Sewing head
(with mechanical cutting device for crepe-tape)



DS-6AC Sewing head
(with pneumatic guillotine type cutter for crepe-tape)



DS-7C Sewing head
(with roll feeder and pneumatic cutter)



DS-7HS Sewing head
(with roll feeder, 2,000 r.p.m)



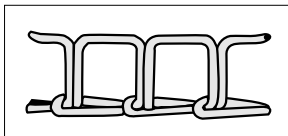
DS-9C Sewing head
(with enclosed oil bath lubrication)

PORTABLE BAG CLOSER **NP-7A/NP-8B**

- Single thread chain stitch
- High speed revolution. 1,700 - 1,900 r.p.m.
- Safety plastic handle for insulation.
- Oil pump lubrication system. Oil lines direct lubricant to main moving elements.
- 고속회전 (1,500 ~ 1,600 R.P.M.)
- 전기절연을 위한 안전 플라스틱 손잡이
- 오일펌프 자동 급유 시스템
- 지대, 마대, PE 모든 종류의 백포장가능

- 미국 포대포장에 최적
- 2본사 이중환봉 (바느질이 견고)
- 전원이 있으면 어디에서도 포장가능
- 해외에서 많은 호평을 받고 있음.
- 오일펌프가 부착되어 급유가 간단함.

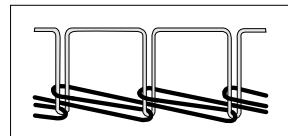
SINGLE THREAD CHAIN STITCH with one each needle and looper



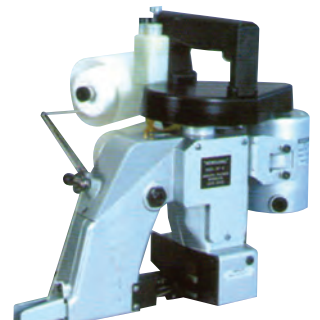
NP-7A



DOUBLE THREAD CHAIN STITCH with one each needle and looper



NP-8B

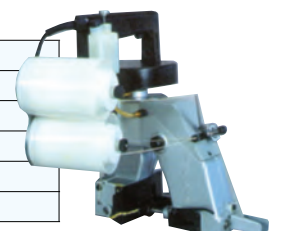


SPECIFICATIONS

NP-7A	
Speed (r.p.m.)	1,700+200
Stitch length (mm)	8.5mm (3 per inch) fixed
Needle	DN×1 - #25
Weight (kg)	6 (13 lbs) with thread
Drive motor	65W 50/60Hz, 1-ph. 12V, 24V, 110V, 220V or 240V (please specify one when ordering.)

사양

능력	150~200 BAGS/HR.
용도	잡곡, 사료, 기타
땀수	8.5mm(고정)
사절장치	자동
바늘	DNx1, #25
중량	6kg



* TAPE BINDING ATTACHMENT available at extra cost.

HEAT SEALER for HEAVY-DUTY PAPER BAG **KS SERIES**

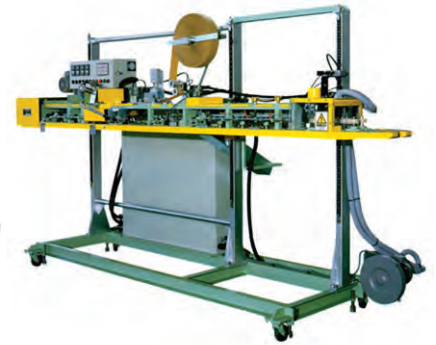
KS-16



A0-6B



KS-324D



Features

- One-lined closure of paper bag
- Simple adjustment and high performance
- Easy control of heater bar temperature
- High level of sealed and stitched closure

미상으로 포장한 후 NOS-TAPE 로 실링하여주는 기계

Inner PE sealing & crepe tape sewing

for inner bag & overtape sealing by separate sealer block, after bag top folding without stitching. Sift-proof closure of paper bag prevents product contamination.

PE 내장 지대백을 미상으로 사용하지않고 내부 PE 실링후 백상단을 한번 접어서 NOS-TAPE으로 접착함으로 100% 방수·방습 포장이 가능

SPECIFICATIONS

	KS-12	KS-16	KS-23(A0-6B)	KS-26	KS-324D
Speed (Variable m/min.)	7~10	7~10	7~10	7~10	7~10
Heater (Capacity)	500W×4	500W×12	500W×6	500W×12	500W×14
Stitching machine head	DS-7C	DS-7C	DS-7C	DS-7C	—
Drive motor	Stitcher	0.4kW	0.4kW	0.4kW	—
	Sealer	0.4kW	0.75kW	0.4kW	0.75kW
Dimensions (mm)	L2,100×W1,090×H2,052	L3,000×W1,090×H2,052	L2,420×W1,430×H2,052	L3,040×W1,090×H2,052	L3,900×W1,460×H2,052
Net weight (kg)	460	610	520	670	850

PINCH-BAG SEALER **PBS-S/W**

Features

- Fully Automatic from Bag Insertion to Closing
Simply insert the leading edge of a bag between the carrier chains or belts. All further operations are done automatically. The PBS Series is the most advanced system for sealing pinch-bags fully automatically in one line.
- Seven Variations for Various Bag Specifications
The user can choose the best model according to the products in the bag and the specifications of the pinch-bags. Each of the carrier chain and belt types has single and double variations so that pinch-bags of any specifications can be handled.
- Precision for Enhanced Sealing Performance
Hot-melt glue is completely heated with hot air and is firmly pressed between press rolls to totally seal the bag. For inner PE layer bags, the PE film is first sealed to eliminate moisture and dust entry and prevent degeneration of the products.
- Adjustable Heater Temperature
The temperature of both hot air heater and inner layer heater is easily adjustable to suit bag specifications and conditions. Enhanced efficiency and quality packaging are realized all times.
- Ease of Maintenance
Major parts are protected by sealed covers to substantially reduce machine problems. The machine rejects dirt, and maintenance and control of the machine is quite easy.

PBC-S

싱글 핀치백 실러



SPECIFICATIONS

	PBS-S	PBS-3W	PBC-S	PBC-3W
Bag type	3-ply gusseted paper bags	3-ply paper with inner PE layer	3-ply gusseted paper bags	3-ply paper with inner PE layer
Speed (m/min.)	6~14	6~12	6~14	6~12
Depth of fold (mm)	45	50	45	50
Power (kW)	0.4	0.4	0.75	0.75
Air consumption (NI/min)	400	800	400	800
Heater capacity (kW)	C=2	A=3 B=3 C=3	C=2	A=3 B=3 C=3
Dimensions (mm)	L1,975×W1,515×H1,880	L3,290×W1,113×H1,800	L2,320×W1,250×H1,752	L3,424×W1,280×H1,790
Net weight (kg)	680	980	660	960

A : Pre-hot air heater
B : Heater for sealing innermost layer (bar heater)
C : Hot air heater (closer heater)

HEAT SEALER for HEAVY-DUTY POLYETHYLENE BAG **HS SERIES**

The HS Series has been developed by NEWLONG based on its extensive experience over years in producing machines for all types of bag.

The machine closes bags filled with rice, animal feed, fertilizer, salt, food and any other granular and powdery products quickly and continuously.

Diverse models include HS-22, HS-22D, HS-32+1P, HS-33 and HS-53. The HS Heat Sealer seals heavyduty PE bags made of various kinds of bag material.

HS Series는 다양한 형태의 포장기를 개발한 NEWLONG의 오랜 경험에 의하여 개발된 기계입니다.

이 기계는 쌀, 사료, 비료, 소금, 식품 등 입자나 분말의 내용물을 빠르고 연속적으로 생산하기 위해 제작되었습니다.

다양한 PE백 재질에 의거 HS-22, HS-22D, HS-32+1p, HS-53 등 다양한 모델을 보유하고 있습니다.

HS-22



SPECIFICATIONS

	HS-22	HS-33	HS-53
Speed (m/min.)	7~20 infinitely variable	7~20 infinitely variable	7~20 infinitely variable
Total thickness, Max. (mm)	0.8	1.0	1.0
Seal width (mm)	7	7	7
Heater capacity (VA)	500 (or 600) × 4	500 (or 600) × 6	500 (or 600) × 10
Cooling system (kW)	air (0.2) or water cooling	air (0.2) or water cooling	air (0.2) or water cooling
Sealer motor	(V)	200	200
	(kW)	0.4	0.4
Machine dimensions (mm)	L1,650×W750×H1,700	L2,050×W750×H1,900	L2,400×W850×H1,800
Machine weight (kg)	145	180	210

IMPULSE SEALER WITH TRAVERS HEATER **ES-G45**

The traversing impulse heater can seal firmly plastic bags with gusset, incorporating with traverse movement of carrier chain.

Paper bags with inner PE layer can be also sealed, as same as mono-ply plastic bags. The traverse movement can be satched through clear cover. Down-sizing and simplifying mechanism prevents noise and vibraion.

- 캐리어체인과 동시에 작동하는 Impulse 히타로 Gusset PE bag을 실링하는 장치.
- Touch Panel을 표준장비로하여 조작성이 향상됨.
- 보수유지를 고려하여 간단하게 설계.
- Flat PE bag은 물론 Gusset PE bag도 실링 가능.
- 외관상 가동 상황을 확인하기 용이함.



SPECIFICATIONS

	ES-G45
Speed (m/min.)	standard 10 (6~18)
Seal width (mm)	5
Impulse seal	thermo-control system
Heater traverse system	inverter-motor + timing belt
Heater traverse stroke (mm)	Max. 450
Power required (kVA)	Approx. 6.1 (included for options)
Air consumption (NI/min.)	Max. 300 (0.5MPa)

IMPULSE SEALER **EH** SERIES

Impulse sealer has no loss time for operation. It's very easy handling

쌀, 일반식품, 비료, 원예용토 등, PE BAG을 실링하는 기계입니다.

EH-420C



SPECIFICATIONS

	EH-420C	EH-600	EH-600D
Max. bag width(mm)	420	600	600
Max. bag thickness (mm)	0.3	0.3	0.4
Max. seal with (mm)	3	5	5
Power required (kVA)	0.4	0.6	1.0
Machine weight (kg)	30	36	35

HEATER BAR SEALER **EHK** SERIES

Sealing for multi-wall paper bags with inner PE liner or aluminum laminated bags.

분체, 특히 밀크파우더, 화학품등, 지대내장 PE를 실링하는 기계임.

EHK-600



SPECIFICATIONS

EHK-600	
Max. bag width(mm)	600
Max. bag thickness (mm)	0.08
Max. seal with (mm)	15
Power required (kVA)	1.4
Machine weight (kg)	54

HAND SEALER **HS-BE/HS-CE**

HS-BE

The model has a carrier chain section below the sealing bars to guide the bags through the heaters and rollers.

라미네이트 코팅백



SPECIFICATIONS

HS-BE	
Seal speed (m/min)	3.5~7
Seal width (mm)	Standard 19(Optional 10-25)
Heater	200W×2pcs.
Temperature control	Bi-metal
Sealing pattern	horizontal lines
Machine dimension (mm)	330×165×190
New weight(kg)	5.85

HS-CE

Bags are transported by continuously moving bands and passed between pairs of heater bars and cooling bars (air cooled)

- 용도 : PE BAG
- 밴드에 의해 계속적으로 백이 이동되어 히터바와 냉각바를 통과하면서 실링



SPECIFICATIONS

HS-CE	
Seal speed (m/min)	5
Seal width (mm)	3
Heater	200W×2pcs.
Temperature control	Bi-metal
Sealing pattern	nil
Machine dimension (mm)	330×165×190
New weight(kg)	6.3

BAND SEALER **BD+7** SERIES

New model of heat sealer equipped with new functions.

- ① Model BD+7 : Horizontal standard
- ② Model BD+7P : (option) with hot printer
- ③ Model BD+7PS : (option) with hot printer and air evacuation device
- ④ Model BD+7T : Vertical standard
- ⑤ Model BD+7TP : (option) with hot printer
- ⑥ Model BD+7(SUS) : Horizontal SUS standard
- ⑦ Model BD+7P(SUS) : (option) with hot printer

① **BD+7**



수평형 밴드실러

⑤ **BD+7TP**



수직형 밴드실러

⑦ **BD+7P(SUS)**



SPECIFICATIONS

	BD+7	BD+7P	BD+7PS	BD+7T	BD+7TP	BD+7(SUS)	BD+7P(SUS)
Seal width (mm)	standard 8 (5, 10)* ¹						
Seal speed (m/min)	0~12(50Hz)						
Conveyor length (mm)	855						
Conveyor with (mm)	200 (Option 300, 400)			200		200 (Option 300, 400)	
Conveyor Height Adjustment (mm)	0 ~-50(below sealing line)			0~+150(above conveyor)* ²		0 ~-50(below sealing line)	
Sealing Height (mm)	740, 800, 860 (3 steps from floor level)			822,882,942 (3 steps from floor level)		740, 800, 860 (3 steps from floor level)	
Conveyor Extension (mm)	60(horizontally)			not available		60(horizontally)	
Inclination	15 degrees from horizontal position			not available		15 degrees from horizontal position	
Temperature control (°C)	0~300						
Heater	450W×2						
Drive Motor (w)	40						
Electrical Consumption (kW)	1* ³	1.2* ³	1.5* ³	1* ³	1.2* ³	1* ³	1.2* ³
New weight(kg)	60	65	75	70	73	67	72
Machine dimension (mm)	885×511×995	885×511×1,100		1,055×500×1,220		885×511×995	885×511×1,100

*¹ Option : 17mm seal width.

*² 522, 582, 642mm+150mm (3 steps from floor level)

*³ AC110V, 50/60Hz

Model FT-40 can be operated by pneumatic system. It's a tying machine for fan-shaped bag top with PE or PET tie. Model FT-40ECO can use ECO-tie (Bioplastic tie without iron wire), which clears carbon neutral and food-safety problems

옵션 : 콘베아, 센사등 부착으로 자동투입 결속이 가능.



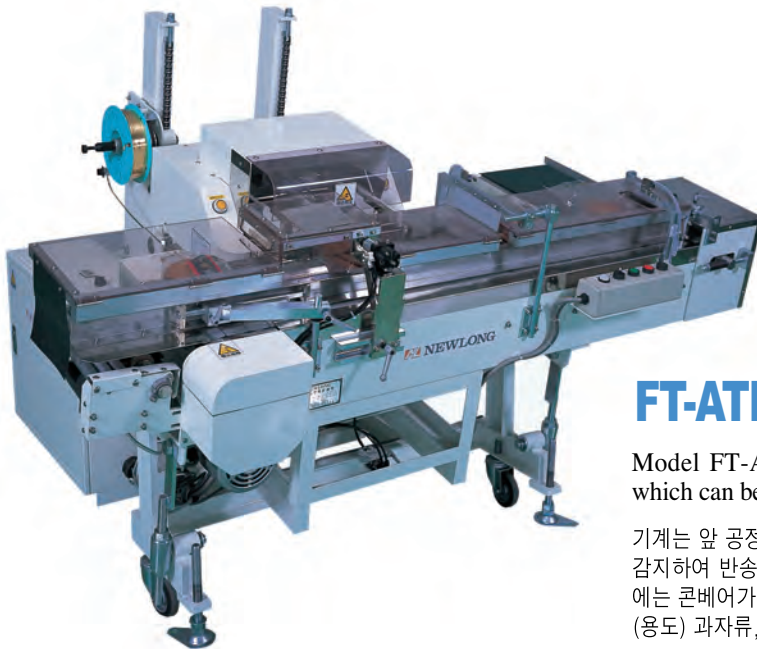
FT-40(FT40ECO)



Normal PE tie with iron wire



ECO-tie (Bioplastic tie without iron wire)



FT-ATH

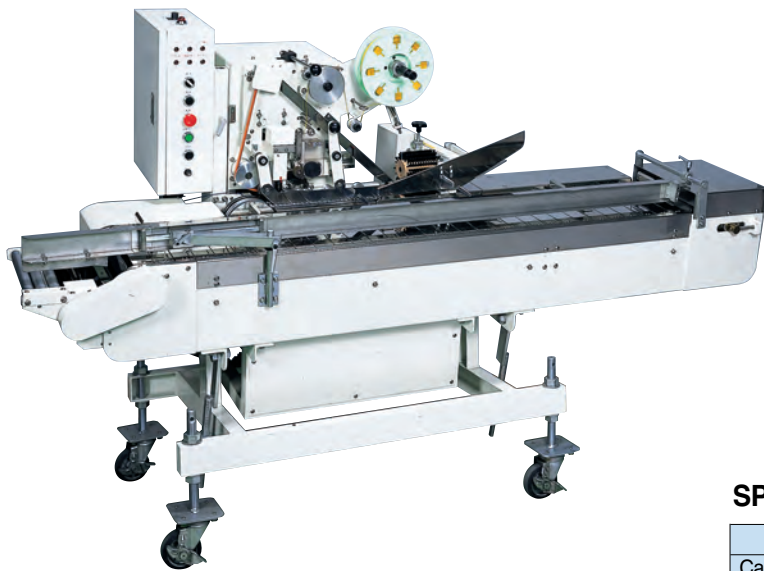
Model FT-ATH is automatic type for horizontal operation, which can be operated continuously with bagging machine.

기계는 앞 공정에서 포장 되어진 제품을 뒤어진채로 받아서, 센서가 백을 감지하여 반송콘베아로 한피치씩 이송되며 부채꼴 형성 한 후 결속될 때에는 콘베어가 정지되며, 결속이 끝나면 다시 작동합니다.
(용도) 과자류, 빵, 냉면 등 각종식품에 적합.

SPECIFICATIONS

	FT-40 (FT-40ECO)	FT-ATH
Max. Speed (bags/min.)	40	40
Max. bag width (mm)	260	220
Tie width (mm)	4(PET.PE)	4 (PET.PE)
Power required	—	220V, 3Ph, 1kVA
Air consumption (NI/min.)	6.5 NI/cycle, 0.5MPa	260 NI/min, 0.5MPa
Machine dimensions (mm)	L520×W550×H550	L1,920×W1,200×H1,200
Machine weight (kg)	68	350

AUTOMATIC TWISTIER **C-TIER**



C-TIER

고속 와이어 결속기

Features

- The speed can be selected within the range of 40 to 80 bags/min.
- Can be used in combination with any type of automatic packing machine.
- Priority given to safety of operation by provision of a microswitch that detects any trouble for emergency stop.
- Products can always be packed correctly with no looseness or slackness (incorporating patented mechanism)
- The machine can be used in conjunction with a bag opener in a production line.

SPECIFICATIONS

C-TIER	
Capacity (bags/min.)	80
Tie (mm)	4, 6, 8 wide
Bag size	Available up to 250mm in width
Power required	Three phase, 50/60Hz, 0.5kVA
Machine dimension (mm)	L2,100×W1,000×H1,500
weight (kg)	350

* We reserve the right to change any of the specifications without notice

TAPE TYING MACHINE (ADHESIVE PLASTIC TYPE) **PM SERIES**

Model PM-70 adhesive tape tying machine achieves high speed of 70 bags per minute. Model PM-V3 is simple type of Model PM-70. It's designed for cost performance and down sizing.

콩나물, 야채, 면류 등을 비닐테이프로 고속결속하는 기계.



PM-70

고속 테이프 결속기



PM-V3

SPECIFICATIONS

	PM-V3	PM-70	NK-9
Capacity (bags/min.)	40	70	1.5 second/cycle
Applicable tape (mm)	W9 L50~300/reel	W9 L50~300/reel	9mm(Standard) Width L50~300/reel
Max. bag size (mm)	W 200 L 500	W 250 L 500	-
Power required	AC100V, 1Ph, 100VA	AC200V, 3Ph, 450VA	AC200V, 1Ph, 150VA
Machine dimension (mm)	L1,100×W500×H1,200	L2,100×W810×H1,550	-
Machine weight (kg)	85	250	22



NK-9

AUTOMATIC BAGGING MACHINE **3CM-3G** SERIES

Ideal for powdery products.

Unlike net weighing, products fill into a bag directly where they are gross weighed, causing neither sticking nor dispersing of the products. Compact, less space required. Compact design saves space and height for installation.

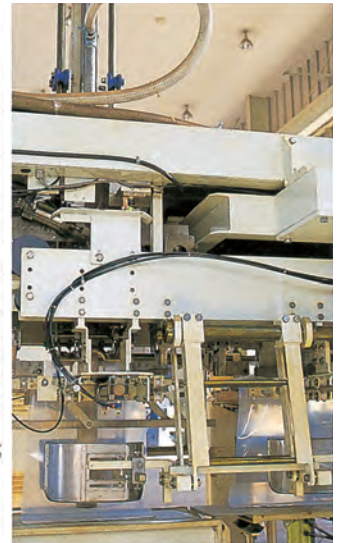
3CM-3G는 백에 내용물을 직접 투입해 GROSS계량에 의해 내용물을 충전하는 GROSS계량 시스템의 도입에 의해, 미분체 계량 포장의 생산성이 향상 되었습니다.

3CM-3G



3CM-3G-2

Equipped with air ridding device (the first filling & the secondary air ridding by vacuum air inhaler) for accelerating the machine speed of th Model 3CM-3G.



Vacuum air inhaler

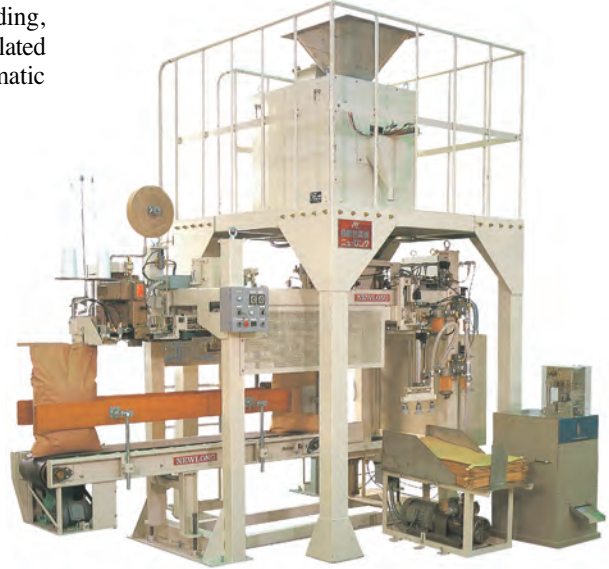
SPECIFICATIONS

	3CM-3G	3CM-3G-2
Capacity (bags/hour)	300	
Bag materials	Kraft paper bag, paper cloth bag or PP/PE woven-cloth bag (inner laminated)	
Bag size available (mm)	L650-850×W380-500	
Filled weight (kg)	20-30	
Power required (kW)	Approx.4.3 (included for sewing machine)	Approx.4.5 (included for sewing machine)
Air consumption (NI/min.)	400 (0.5Mpa)	600 (0.5Mpa)
Machine dimension (m)	Approx. L5.1×W2.5×H3.5	
Machine weight (kg)	2,500	3,000

* Depending on products, bag size and materials.

AUTOMATIC BAGGING MACHINE **3CM-5**

Especially for rice, wheat or grain. Automatic system for bag feeding, bag forming and bag closing (bag stitching). NEWLONG's accumulated field experience has developed a compact but high quality automatic bagging machine.



SPECIFICATIONS

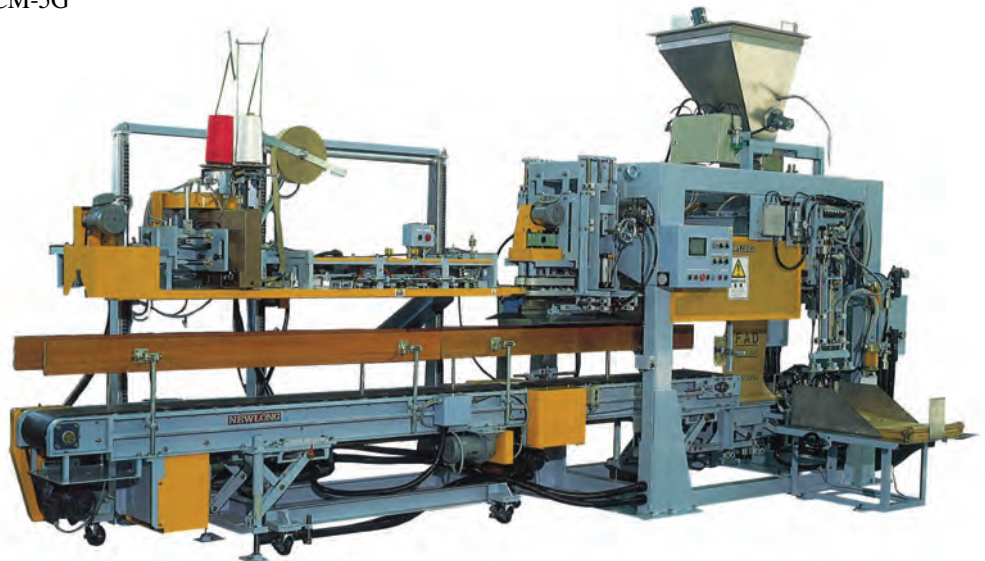
	3CM-5
Capacity (bags/hour)	250*
Bag size (mm)	Kraft paper bag or paper cloth bag : L750~850×W420~GW76 Polyethylene bag : L550~750×W400~520×T0.18~0.25
Filled weight (kg)	20~30
Power required (kW)	Approx. 3.0 (Approx. 5.3 with HS-22 sealer)
Air consumption (Nl/min.)	Approx.200 (0.5MPa)
Machine weight (kg)	Approx. 1,300 (Approx. 1,800 with HS-22 sealer)

* Depending on products, bag size and materials.

AUTOMATIC BAGGING MACHINE **3CM-5G SERIES**

3CM-5G is designed to place bags at fill-chute directly by swing type feeder, which is different from that of 3CM-5G

3CM-5G



SPECIFICATIONS

	3CM-5G	3CM-5G-2
Capacity (bags/hour)	230*	
Bag size (mm)	L650~850×W380~500 (for paper bag)	
Filled weight (kg)	20~30	
Power required (kW)	Approx. 3.2	Approx. 3.5
Air consumption (Nl/min.)	Approx.300 (0.5MPa)	Approx.450 (0.5MPa)
Machine weight (kg)	Approx. 2,500	Approx. 3,000

* Depending on products, bag size and materials.

AUTOMATIC BAGGING MACHINE **3CM-5B**

Model 3CM-5B is unique type of automatic bagging machine, which carrier table traverse and discharge bags after filling products into bags. It's designed compactly and efficiently for bag feeding, filling products, bag bottom taping, bag forming, and bag traversing and discharging.

컴팩트타입, 설치면적 최소화, 저비용, 백전도장치부착
 충전후 지대수평이동 배출이 대차(레일)로 이동하는 자동급대포장기.
 백공급, 백흡착크래프, 충전, 백하단tapping, 정형, 수평이동, 배출이 이루어집니다.



SPECIFICATIONS

3CM-5B	
Capacity (bags/hour)	120*
Filled weight (kg)	25, 30
Bag size (mm)	L750~850×W420×GW76
Machine weight (kg)	800

* Depending on products, bag size and materials.

AUTOMATIC BAGGING MACHINE **3CM-5BG**

Direct filling granular products by gross-weighting system in which filling and weighing are done at the same time. Designed to place bags at fill-chute directly by swing type feeder. Easy operation and maintenance.

컴팩트 타입, 설치면적최소화, 비용절감을 실현한 3CM-5B형
 자동포장기에 Gross계량시스템을 적용하여 과립체를 다이렉트로 투입하여 동시
 계량이 가능
 백 슈트에 직접 크래프하는 타입이기 때문에조작하기가 매우 간단하다.



SPECIFICATIONS

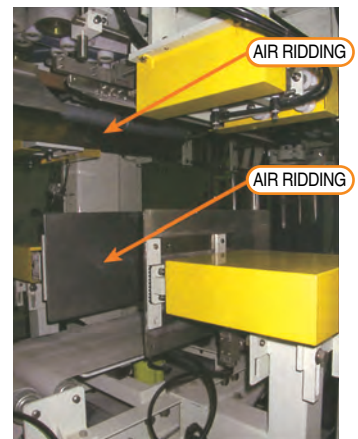
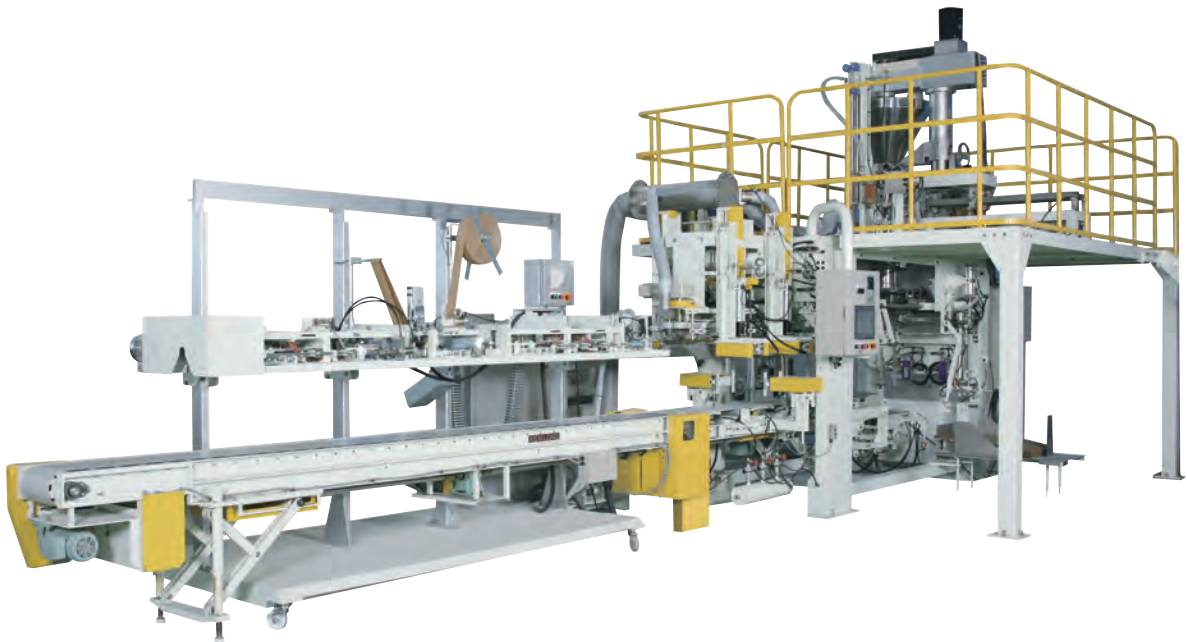
3CM-5BG	
Capacity (bags/hour)	Max.120* (sewing machine speed is 8m/min)
Filled weight (kg)	25 (20~30)
Bag size (mm)	L650~850×W400~440×GW76 (paper bag 3~4ply)
Machine weight (kg)	Approx. 700

* Depending on products and bag size.

AUTOMATIC BAGGING MACHINE 3CM-5FG

Model 3CM-5FG is gross weighing and bag lifting type-bagging machine with vertical auger feeder filling products to bottom of bag. Bag lifting up and down system prevents trapped air in products and powdery dispersion, minimizing products fall distance. It achieves high accuracy of weighing for powdery products and prevents dust generation at least level.

크램프승강식 Gross계량 자동급대포장기
미분채충전포장기의 결정판! 식품포장에 최적.



SPECIFICATIONS

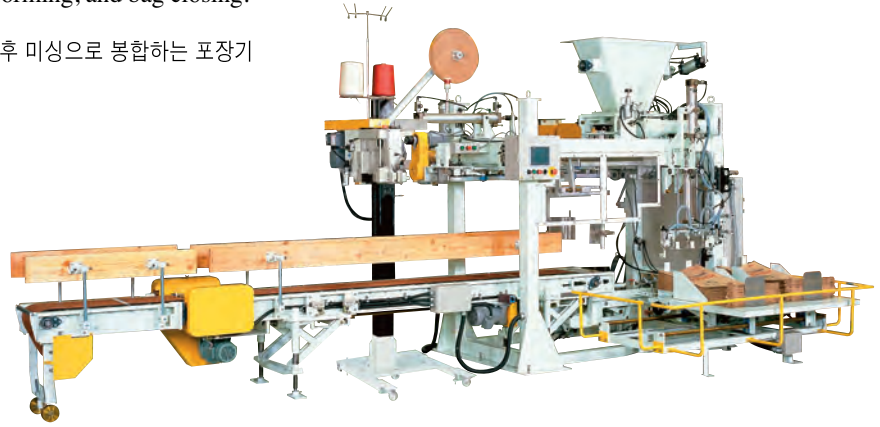
3CM-5FG	
Capacity (bags/hour)	200*
Products	fine/powdery/granular products
Filled weight (kg)	5~25
Bag size (mm)	L750~900×W420~520×GW0~100
Machine weight (kg)	3,500

* Depending on products, bag size and / or materials.

AUTOMATIC BAGGING MACHINE 3CM-5U

High-speed automatic bagging machine that converted from Model 3CM-5 series, compactly designed bagging system. Especially for rice, wheat or grain. Automatic system for bag feeding, bag forming, and bag closing.

3CM-5U는, 쌀, 곡물등을 자동적으로 계량하여 충전후 미싱으로 봉합하는 포장기입니다.



SPECIFICATIONS

3CM-5U	
Capacity (bags/hour)	600*
Bag materials	Kraft paper bag, paper cloth bag or PP/PE woven-cloth bag (inner laminated)
Bag size available (mm)	L585~640×W420×GW75
Filled weight (kg)	10~20
Power required (kW)	Approx.1.5 (not included for sewing machine or heat sealer)
Air consumption (NI/min.)	750 (0.5Mpa)
Machine dimension (m)	Approx. L3.2×W2.3×H1.95
Machine weight (kg)	1,300

* Depending on products, bag size and materials.

AUTOMATIC BAGGING MACHINE FG-800

승강식 충전기

미분체 충전포장기의 결정판! 식품포장에 최적!

FG-800은 Auger Screen 으로 충전하는 Gross 계량방식의 수동공급포장기입니다.

지대 내부 충전시 낙차거리를 최대 줄인 상태에서 충전하기 때문에 분말이 날리는 것을 최소화하여 고정밀도의 계량포장이 가능하고, 진공탈기 Auger Screen을 사용하여 제품의 밀집도를 강화하여 식품포장에 최적이며 분해, 청소가 가능한 구조로 되어있어 관리가 용이함.

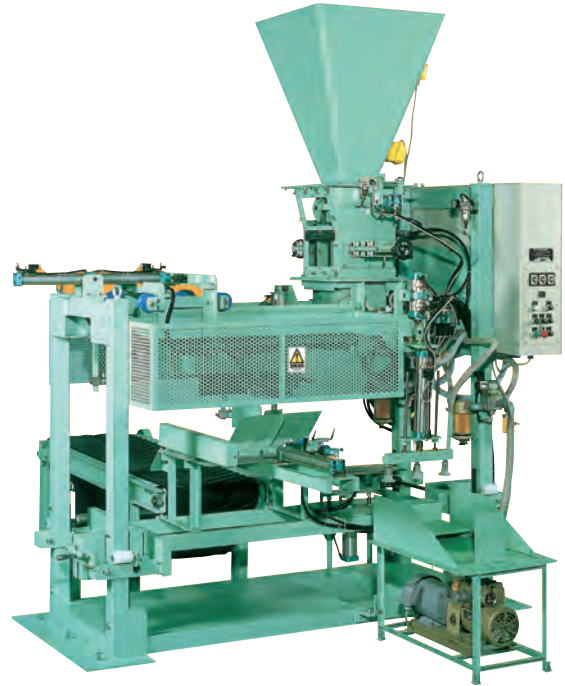


AUTOMATIC BAGGING MACHINE 3CM-52

Automatic bagging machine with volumetric batcher

Especially for gardening soil, gravel, compost and granules of same kind. Automatic system for bag feeding, filling and closing (impulse-sealing). The compact-designed with a minimum space serves to improve packing works and to save labor costs. This is really a kind of smallest auto-bagging machine.

원에 용토로부터 자갈, 퇴비로부터 다양한 알갱이 분상물을 폴리에틸렌 백으로 포장하는 전자동 포장기 입니다.
급대 정량 충전반출 까지를 버튼 하나의 조작으로 실시합니다. 설치 면적도 컴팩트하여 작업환경 개선에 공헌합니다.
NEWLONG이 개발한 소형 정량 충전 포장기의 결정판!!



* Depending on products, bag size and materials.

SPECIFICATIONS

3CM-52	
Capacity (bags/hour)	400~450*
Bag materials	Mono-polyethylene bag
Bag size available (mm)	L500~620×W400~420, Thickness 0.12
Filled Capacity (kg)	16~22
Power required (kW)	Approx.4.9
Air consumption (NI/min.)	400 (0.5Mpa)
Vacuum pump (kW)	1.5

AUTOMATIC BAGGING MACHINE 3CM-55

1. Volume weighing or gravity weighing can be chosen for the machine. According to (granular or powder) products to be bagged, feeder applications (screw feeder, cut-off gate, belt feeder, etc.) shall be selected to utilize the machine in various field.
2. Down sizing and simplifying the mechanism
3. Any other heat sealer in downstream is not necessary because the impulse sealing unit has been pre-installed in the main machine structure.

1. Volume 계량 혹은 중량계량을 내용물 (Granular or powder)에 따라 선택할 수 있음. 내용물에 따라 (Screw Feeder Cut-off gate, belt Feeder등) 다양한 분야로 선택 가능함.
2. 장치기구의 간소화 실현.
3. impulse sealer가 기계에 설치되어 있어 다른 Heat Sealer가 필요없음.

SPECIFICATIONS

3CM-55	
Capacity (bags/hour)	Max. 350 (Nor.300)
Bag type	PE bag (with pin-hole)
Set volume	*18~23 ℓ (5~20kg for rice)
Bag size (mm)	600~800L×390~500W
Vacuum pump (kW)	1.5
Bag sealing method	Impulse seal

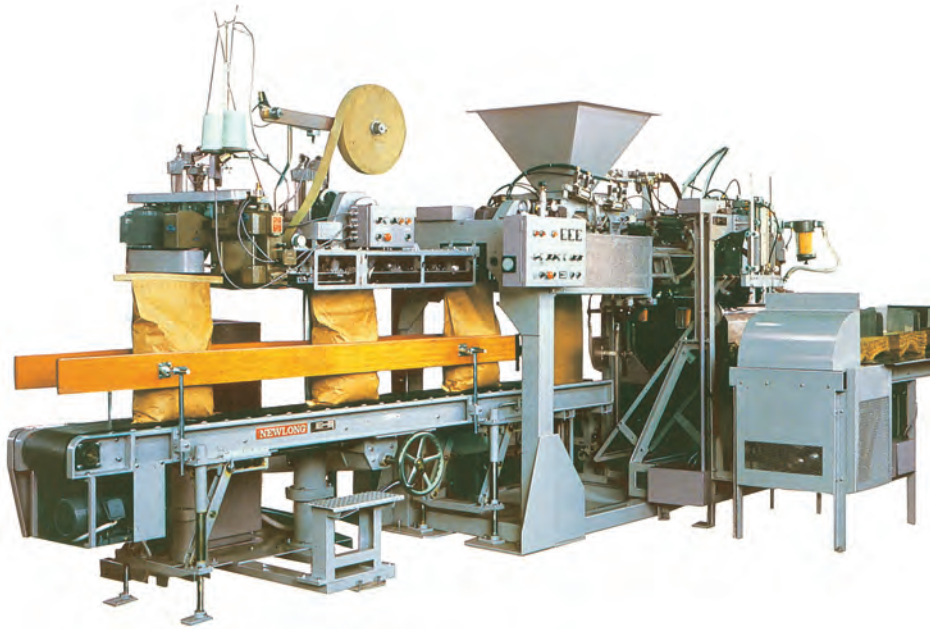


AUTOMATIC BAGGING MACHINE **3CM-P** SERIES

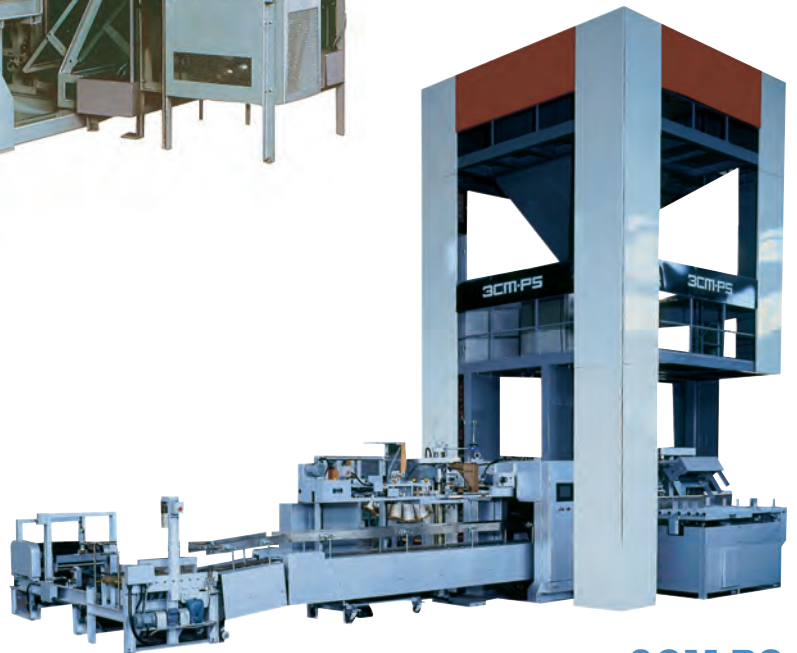
Ideal for powdery products.

Besides paper bags, woven-cloth and polyethylene bags are widely used in every field of industry, including fertilizer, animal feed and resin pellets and Model 3CM-P is designed to meet a variety of bag materials. Based upon 3CM-P, a series of models, e.g. 3CM-PS (with servo-motor drive), 3CM-PVR (with vibration air evacuation), have been developed for further diversification of bagging requirements

3CM-PS는 비료, 동물사료, 래진펠릿 등 다양한 내용물 포장에 적합하며 지대, 마대, PE BAG 등 여러 백 제질에 맞게 제작된 자동포장기입니다. 3CM-PS를 기본으로 해서 3CM-PS(서브 모터 구동), 3CM-PP(더블 충전 시스템), 3CM-PVR(진동 탈기 시스템) 등 다양한 기종을 가지고 있습니다.



3CM-P



3CM-PS

SPECIFICATIONS

	3CM-P	3CM-PS
Capacity (bags/hour)	1,200*	1,300*
Bag materials	a. Kraft paper bag, paper cloth b. PP/PE woven-cloth bag (inside laminated) c. Mono-polyethylene bag	
Filled weight (kg)	20~30	
Bag size available (mm)	L750~950 (in case of a.), L750~950 (b), L550~750 (c.)	
	W400~520	
	GW75	
Power required (kW)	Approx.8 (not included for sewing machine or heat sealer)	Approx.12 (not included for sewing machine or heat sealer)
Air consumption (Nl/min.)	2,000 (0.5MPa)	1,300 (0.5MPa)
Machine weight (kg)	Approx. 4,000	

* Depending on products, bag size and materials.



3CM-PD

Featuring two fill-spout for a simultaneous double filling system. Each two bag feeding, bag clamping and bag filling units work in line with one filled bag closing unit, with a capacity of 1,800 bags/hours. The highest capacity enables existing auto or semi-auto bagging units to be replaced with a minimized number of 3CM-PD, aiming to economize plant space as well as to design a stream-lined bagging process.



3CM-PDS+KS-S(DS-9)

The model is High-speed type of Model 3CM-PD that equipped with servo motor drive for traverse movement, which achieves 2,000 bags/bags in 20~50 kg packing.

3CM-PDS의 고속타입으로 옆이동을 위해서 서브 모터를 탑재하고 있습니다. 20~50Kg의 백을 2.000백/시간 까지 포장할 수 있습니다.

SPECIFICATIONS

	3CM-PD	3CM-PDS
Capacity (bags/hour)	1,800*	2,000*
Filled system	Two spouts, double filling	
Bag materials	a. Kraft paper bag, paper cloth b. PP/PE woven-cloth bag (inside laminated) c. Mono-polyethylene bag	
Filled weight (kg)	20~30	
Bag size available (mm)	L750~950 (in case of a.), L750~950 (b), L550~750 (c.)	
	W380~460	
	QW(a)75, (b), (c)-	
Power required (kW)	Approx.16 (not included for sewing machine or heat sealer)	Approx.21 (not included for sewing machine or heat sealer)
Air consumption (NI/min.)	3,000 (0.5MPa)	2,000 (0.5MPa)
Machine weight (kg)	Approx. 6,000	

* Depending on products, bag size and materials.

AUTOMATIC BAGGING MACHINE 6CM-P

Maximum capacity of 2000 bags per hour available by means of four Rotary Stations, each one of which has its own independent function and works continuously at a uniform speed. Once empty bag is fed, all further operation is done automatically.

CM-P는, 충전 공정에 로타리 방식을 채용해 고속 포장이 일관 라인으로 완성되는 로타리식 자동포장기입니다.

chute는 연속적으로 충전을 할 수 있으므로 포장 능률이 비약적으로 올라갑니다. (2,000백/시간) 4 station으로 구성되어 있어서 정량 계량 된 백을 등속 회전하면서 연속 충전합니다.

SPECIFICATIONS

6CM-P	
Max. capacity (bags/hour)	2,000
Bag materials	a. Kraft paper bag, pinch-bag b. PP/PE woven-cloth bag (inner laminated) c. Mono-polyethylene bag
Filled weight (kg)	20~30
Bag size available (mm)	L650~850 × W400~460 × GW0~127
Power required (kW)	Approx.13 (not included for sewing machine or heat sealer)
Air consumption (Nl/min.)	1,400 (0.5MPa)
Machine weight (kg)	9,000



* Depending on products, bag size and materials.

AUTOMATIC BAGGING MACHINE 7CM-TS

All operation from PE roll unwinding to finished bag (filled bag with its bag top sealed) delivery conveyor is performed in one consecutive process. There whole process, including bag making, products filling and bag top sealing, is automatic and controlled on the panel (operated by PLC unit installed inside). The machine incorporates a net weigher with a high-speed chute, operates at maximum speed of 1650 bags per hour (based on filling 25 kg weight rate of resin pellet).

PE ROLL에서 충전 실링 종료 후의 배출 컨베이어까지의 모든 운전은 연속해서 일괄적으로 진행됩니다. 제대, 제품 충전, 실링을 포함한 모든 공정은 PCL에 탑재된 제어판에서 자동으로 조정되고 온도 조절용 콘트롤러도 장치 가능합니다.

SPECIFICATIONS

7CM-TS	
Max. Capacity (bags/hour)	1650*
Filled Weight (kg)	25
Bag Materials	Mono-polyethylene tube roll with gusset
Film Thickness (mm)	0.08~0.2
Outer Diameter (mm)	Max.1,500
Inside Core (mm)	150
Empty Bag Size (mm)	L700~850 × W380~460 × GW35~80
Distance between gussets (mm)	standard 260
Bag Bottom Seal	Impulse seal
Bag Mouth Seal	Impulse seal
Corner Seal	Hot plate
Power Required (kW)	Approx.24
Air consumption (Nl/min.)	1,270 (0.5MPa)



* Based on filling 25kg weight rate of resin pellet.

AUTOMATIC BAGGING MACHINE 7CM-5

1. It is designed for plastic resin pellet packing to PE gusseted bags.
Combination with palletizer is available.
2. Operation control board with graphic indication controls, current machine condition.
2. Each process of products filling, closing (impulse-sealing) and discharging bags are separately done. Then, it achieves the capacity of 400 bags per hour.

수지 pellet 및 쌀 등의 PE Gusset 백에 충전하는 포장기로, 파렛타이즈와 조작, 이상 검출은 모두 그래픽 패널상에서 관리하고 있습니다.
충전부, 씰부(impulse seal), 배출부를 일관되게 포함함으로써 포장능력이 400백/시간(내용물에 따라 다를수 있음) 안정적으로 이루어집니다.



SPECIFICATIONS

7CM-5	
Capacity (bags/hour)	400*
Bag materials	polyethylene gusseted bag with micro perforation or general sized pinholes
Filled weight (kg)	20~30
Bag size available (mm)	L750×W340, GW160
Bag top closing	Impulse seal

* Depending on products, bag size and materials.

WRAPPING MACHINE NLAP-1

The wrapping machine can wrap bags with film palletized on a table. The table rotates and wrapping film roll moves up to the upper limit and down to the lower limit, then wrapping film wraps spirally bags palletized. The one cycle operation can be done automatically. Inverter-motors control table rotation speed and film roll vertical motion speed.

이 기계는 팔레트에 적재된 제품을 필름으로 자동 래핑하는 기계입니다. 회전 테이블 위에 팔레트를 놓고, 필름 랩을 제품의 틈에 끼워넣어, 기동 버튼을 누르면 테이블이 회전, 필름 랩이 감으면서 상승하고 센서에 의해 하강하면서 감아 센서에 의해 정지하는 동작을 1사이클로 합니다. 기동 후 상승 개시까지의 시간은 타이머로 조정할 수 있습니다. (1초~20초) 또한, 상승개시 후 하강개시 까지의 시간도 타이머로 조정할 수 있습니다. (1초~20초) 사이클의 반복은 회전 셀렉터 스위치로 회수를 선택합니다.

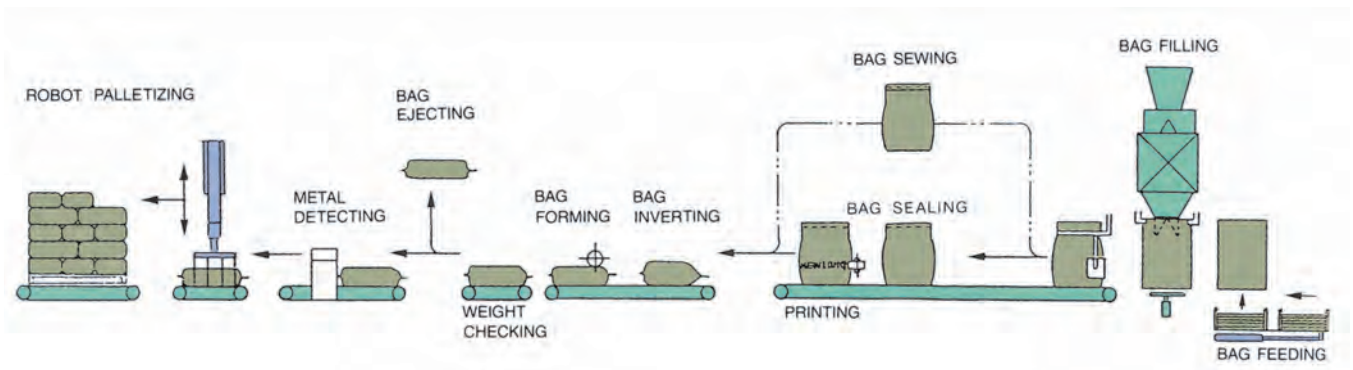


SPECIFICATIONS

NLAP-1	
Film thickness (micron)	20
Film width (mm)	500
Film length (m/roll)	300
Wrapping dimension (mm)	1,600H, 2, 125Dia.
Max. weight of the wrapped goods (kg)	2000
Table size (mm)	1,200×1,200
Power required (kW)	1(3Ph.)
Machine weight (kg)	400

* Depending on products, bag size and/or materials.

AUTOMATIC BAGGING SYSTEM

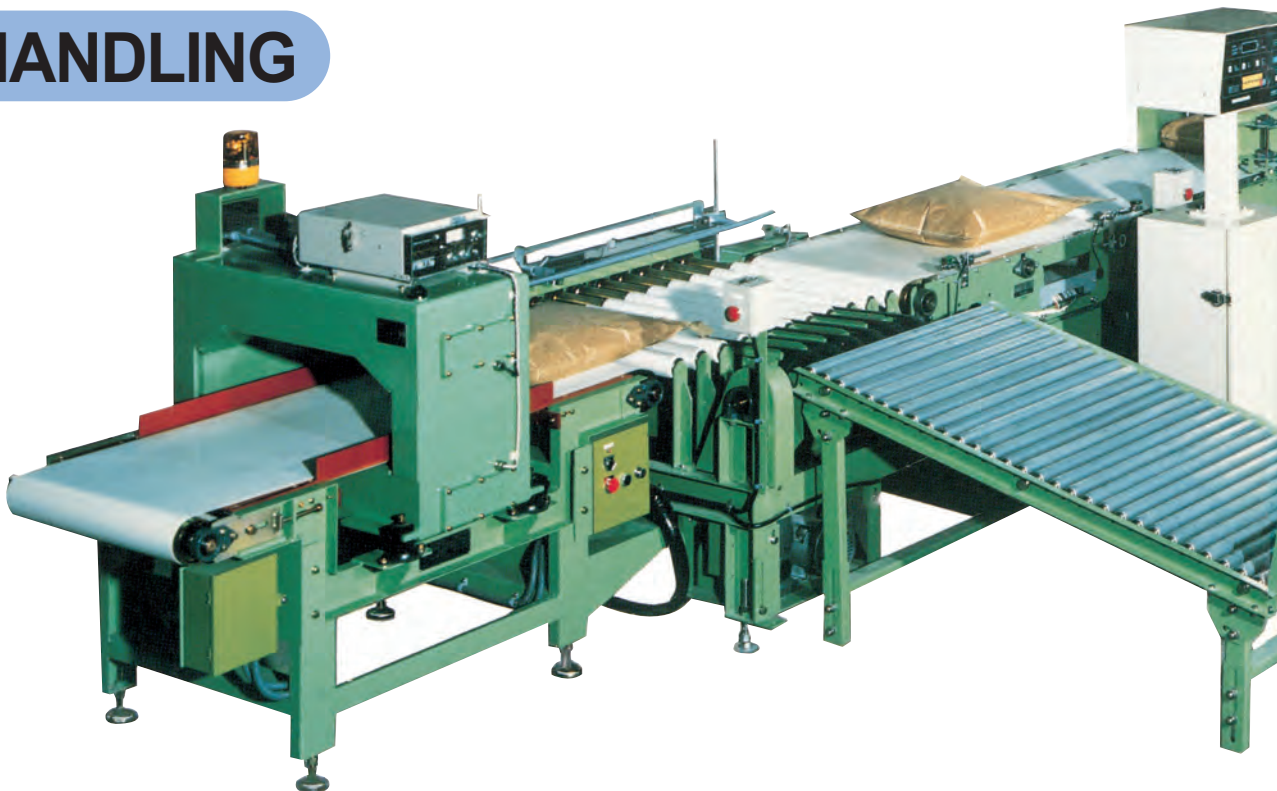


ACCURATE NET WEIGHING

PRODUCTS FILLING

BAG CLOSING

HANDLING

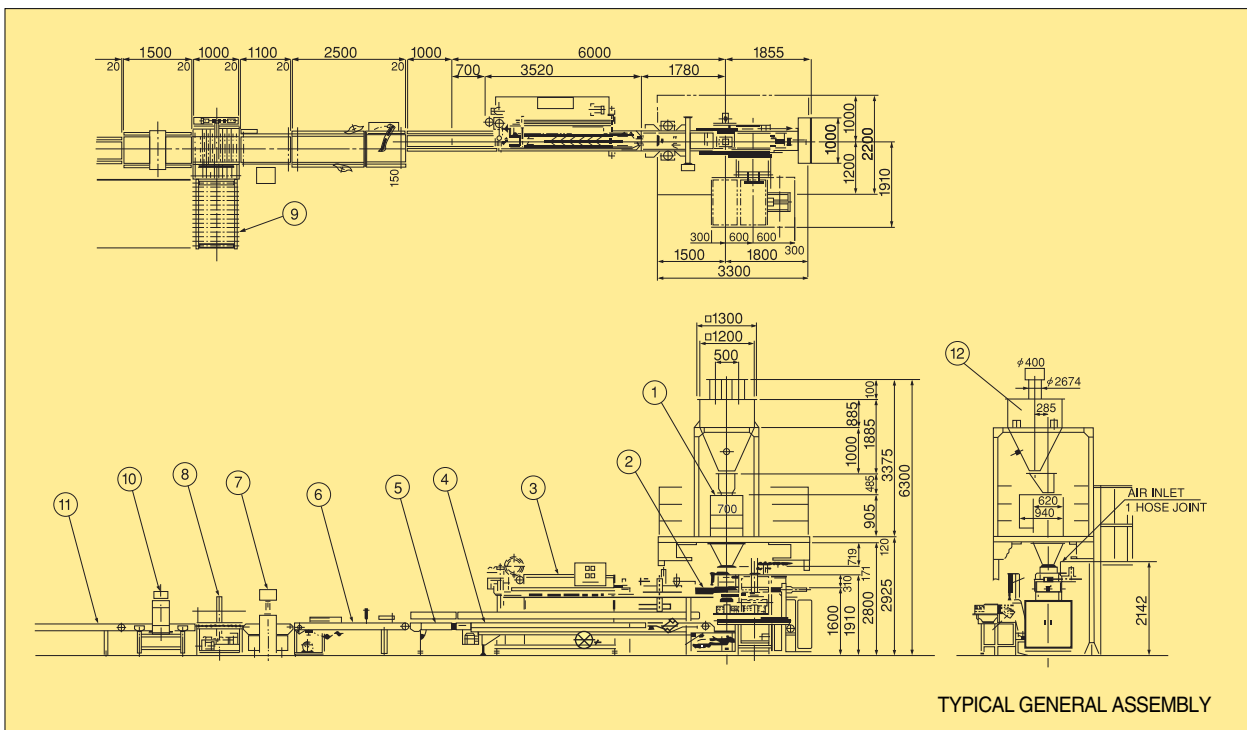


MACHINE CONSTRUCTION

- ① AUTOMATIC WEIGHING MACHINE
- ② AUTOMATIC BAGGING MACHINE
- ③ HEAT SEALING MACHINE WITH SEWING HEAD
- ④ MAIN CONVEYOR

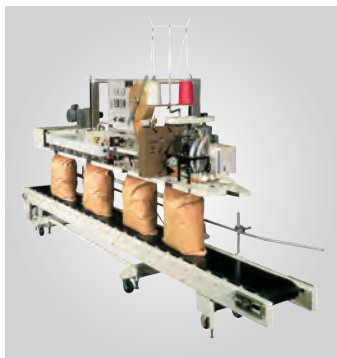
- ⑤ HEIGHT ADJUST CONVEYOR
- ⑥ BAG REVERSAL CONVEYOR
- ⑦ AUTOMATIC WEIGHT CHECKER
- ⑧ BAG EJECTOR CONVEYOR

- ⑨ FREE ROLLER CONVEYOR
- ⑩ AUTOMATIC METAL DETECTOR
- ⑪ BAG TRANSFER CONVEYOR
- ⑫ 1.5m³ AUX. HOPPER



TYPICAL GENERAL ASSEMBLY

GENERAL CATALOG OF BAGGING & PACKAGING MACHINERY ENGINEERING



신라포장기계(주)

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