

HEAT SEALER

HS SERIES

The HS series heat sealers are released by Newlong Industrial who has been developing machines to seal all types of bags. The sealers are used for all types of grains and powdery products including rice, animal feed, fertilizer, salt and food.

Models include **HS-22**, **HS-22D**, **HS-32 + 1P**, **HS-33** and **HS-53** to cover all types of closures for heavy PE bags.

<Features>

- Band seal type: models with many heater blocks are good for both PE bags and paper bags with an inner PE ply.
- Teflon or steel band type is available. Type of bag and the product to be packed determine which to use.
- Teflon bands are easily cooled and produces nice-looking seals. They are most suitable for sealing PE bags.
- Imprinter can be retrofitted
- Specifications for the HS Series
 - a) Either air or water cooling is available. Select one according to bag type, packing environment, etc.
 - b) Some models may be installed with optional trimmer, over-tape unit and dust cleaner.
 - c) The horizontal type is suitable for making bags.



Specifications		HS-22	HS-22D	HS-32+1P	HS-33	HS-53
Seal speed (m/min)		7 – 20 stepless	7 – 20 stepless	7 – 20 stepless	7 – 20 stepless	7 – 20 stepless
Seal film		PE/PP	PE/PP	PE/PP	PE/PP	PE/PP
Total thickness (mm), max.		0.8	1.0	1.0	1.0	1.0
Seal width (mm)		7	7	7	7	7
Temp control (max. temp)		Fully electronic (400°C)	Fully electronic (400°C)	Fully electronic (400°C)	Fully electronic (400°C)	Fully electronic (400°C)
Sealer height adjust range (mm)		1,000 – 1,300	1,000 – 1,300	1,000 – 1,300	1,000 – 1,300	1,000 – 1,300
Heater capacity (W)		500 × 4	500 × 4	500 × 6	500 × 6	500 × 10
Cooling system (kW)		Air (0.2) or water cooling	Air (0.2) or water cooling	Air (0.2) or water cooling	Air (0.2) or water cooling	Air (0.2) or water cooling
Sealer motor	(V)	200/220	200/220	200/220	200/220	200/220
	(kW)	0.4	0.4	0.4	0.4	0.4
Sealer dimensions	Length (mm)	1,700	2,300	2,150	2,150	2,500
	Width (mm)	1,000	1,000	1,000	1,000	1,000
	Height (mm)	1,700	1,700	1,900	1,900	1,900
Sealer weight (kg)		145	150	180	180	210
Options		Trimmer, over-tape unit, dust cleaner, imprinter (machine dimensions will vary).				



Dust cleaner



Trimmer



Heater



Imprinter



Over-tape unit

[HS-22-SD](#) : Heat sealer for both as Kraft bag and PE bag

IMPULSE MOVING SEALER

IMS

BAGS ARE SEALED WITHOUT STOPPING THE CONVEYOR

Features

1. Bags are sealed without stopping the conveyor because the impulse heater seals the bag while moving at the same speed as the bag delivery chains.
2. Will seal gusset bags.
3. The impulse sealing method assures quick temperature rise to start operation in a short time period.
4. High thermal efficiency because bags are sealed under pressure. Effective also for powder packing.
5. Low power consumption and small footprint.
6. Rewinding type Teflon sheets for heater wire protection.

Specifications

Heater wire width	5 mm
Impulse control	Temp. control
Heater move stroke	450mm
Max. bag width	460mm

Conveyor speed (mm/sec)	Seal time MAX(sec)	Estimated capacity (B/H)
6	3.9	600
8	2.78	800
10	2.1	1000
12	1.65	1200
14	1.33	1400
16	1.09	1600



- Special order: Impulse heater width and stroke may be varied according to bag width and capacity.
- Dust cleaner and trimmer may be mounted.

AUTOMATIC BAG CLOSING MACHINE

A1-PB (DS-9C)

SIMPLE, COST EFFICIENT PEDESTAL

NLI 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 crepe-tape bound closure. This closing system can be used with a range of NLI conveyors or an existing conveyor.

SPECIFICATIONS	
Sewing Head Height	720-1,220mm from floor to needle
Brake Motor	4P, 3 Phase, 0.75kW or 0.4kW depends on conveyor speed
Start/Stop	Photo-switch
Sewing Head	Model DS-9C
Max. Speed	2,700r.p.m.
Stitch Width	7-10.5mm (standard setting 10mm)
Stitch Type	Single Needle, Double Thread Chain Stitch (single thread available by special order)
Cutter Type	Air Cylinder Driven Guillotine Cutter
Air Pressure	4 kg/cm ²
Air Consumption	3.5NL/min.
Lubrication System	Automatic Oil Bath System (Recommended Oil : Shell Tellus Oil #32)
Oil Feeding Volume	1,740 cc (approx.)



Machine Pulley Dia.	100 mm, Variable speed pulley available by special order
Needle Type	DR-H30 #26
Thread	Synthetic or Cotton, 20/6, 20/9

* Crepe-tape stand and binder are not included as a standard supply of plain sewn closure. Please specify plain sewn closure or crepe-tape bound closure when ordering.

**MODEL CM4900-1, CM4900-3 AND MODEL CP4900
AUTOMATIC INFEED DEVICES WITH PEDESTAL**

Automatic infeed devices, Model CM4900-1, CM4900-3 and CP4900 can be mounted on Model A1-PB ([DS-9C](#)) pedestal type bag closing machine.

Infeed Speed : Standard 10 m/min. Please specify conveyor speed when ordering.
(Variable speed available at option.)

Induction Motor : 0.2 kW, 4P, 3 Phase. Please specify voltage and hertz when ordering.

A1-PB+CP4900



A1-PB+CM4900-3



A1-PB+CM4900-1



Automatic Infeed Device for plain sewn closure on paper bags and PP/PE woven cloth bags.



Automatic Infeed and Bag Top Folding Device for plain sewn closure on PP/PE woven cloth bags.

Bag Top Empty Space Required for Folding : 170-200 mm
Bag Top Folding Depth : 30-60mm

Automatic Infeed and Bag Top Trimming Device for crepe-tape bound closure on paper bags.

Crepe-Tape Width: Standard 55 mm, other width available.

KS-1 SERIES

FILLED BAG CLOSING MACHINE WITH HEAT SEAL TAPE- SEALER FRONT SEWING MACHINE TYPE



● Photograph is model KS-14



● With options(BC4000 Conveyor)

Standard Specification						
Specs	Dimensions (mm)		Weight (kg)	Options		Applications
	Length	Width		Dust cleaner	Crepe tape	
KS-12	2,100	1,290	ca.350	-	-	Over-tape Innermost ply PE film seal.
KS-12C	2,450	1,290	ca.400	-	○	
KS-13	2,300	1,290	ca.380	-	-	For flat 3 paper plies. Over- tape inner ply seal
KS-13C	2,650	1,290	ca.450	-	○	
KS-13D	2,580	1,290	ca.420	○	-	
KS-13DC	2,960	1,290	ca.500	○	○	
KS-14	2,500	1,290	ca.420	-	-	For flat 4 paper plies. Over- tape inner ply seal
KS-14C	2,860	1,290	ca.500	-	○	
KS-14D	2,780	1,290	ca.460	○	-	
KS-14DC	3,160	1,290	ca.550	○	○	
KS-16	2,960	1,290	ca.500	-	-	For flat 6 paper plies & gusseted 3 paper plies. Over-tape inner ply seal
KS-16C	3,310	1,290	ca.600	-	○	
KS-16D	3,240	1,290	ca.550	○	-	
KS-16DC	3,620	1,290	ca.650	○	○	

Standard Specification					
Specs	Sealing speed	Heater (W)	Drive (kW)		Power (kW)
	Range	Capacity	Sealer	Sewer	
KS-12	6~ 10m/min	500 × 4	0.4	0.4	3
KS-12C					
KS-13		500 × 6	0.4		4
KS-13C					
KS-13D					
KS-13DC					
KS-14		500 × 8	0.4		5
KS-14C					
KS-14D					
KS-14DC					
KS-16		500 × 12	0.75		7.5
KS-16C					
KS-16D					
KS-16DC					

- Temp. adjust range 0 to 400°C • Air req. 200NL/min (at 0.5MPa) Pressure 0.5Mpa(5kg/c m²) (varies with speed)
- Sealer height adjust range 800~1400mm
- Add 0.55KW(50Hz) or 0.72KW(60Hz) power when optional dust cleaner is installed.
- Above speeds are not guaranteed ones. They are given for reference only.
- Length of the machine (L) varies slightly between manual insertion type and packaging machine coupling type.

KS — 1 □ DC

Kraft sealer — 1: Front sewer □: Heater pairs D: Dust cleaner C: Crepe tape

PINCH-BAG-SEALER
PBC/PBS

HI-PERFORMANCE SEALER FOR PINCH BAGS



PBC-S

Carrier chain type for single pinch bags
Belt type PBC-S is also available

PBC-3W

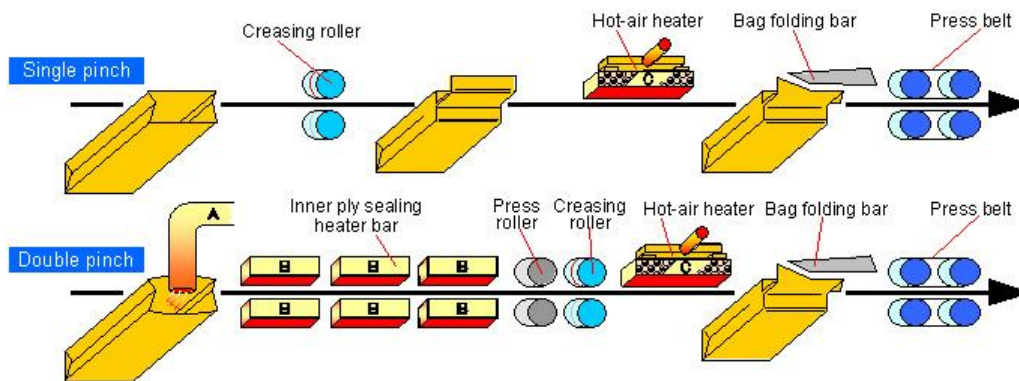
Carrier chain type for
single/double pinch bags



PBS-3W

V-belt type for making double
pinch bag packaging compact





Specifications		PBC-S	PBS-S	PBC-3W	PBS-3W
Bag type		3 paper plies (gusseted)	3 paper plies (gusseted)	3 paper plies + inner PE	3 paper plies + inner PE
Seal speed (m/min)		6 - 14	6 - 14	6 - 12	6 - 12
Folding depth (mm)		45	45	50	50
Drive (kW)		0.75	0.4	0.75	0.4
Air (NL/min)		400	400	800	800
Heater capacity (kW)		C=3kW	C=3kW	A/B/C=3kW ea. (total 9kW)	A/B/C=3kW ea. (total 9kW)
Sealer dimensions	L (mm)	2,320	1,975	3,424	3,290
	W (mm)	1,250	1,515	1,280	1,113
	H (mm)	1,752	1,880	1,790	1,800
Sealer gross weight (kg)		280	300	480	500
Measurements (cft)		200	200	220	220
Shipping weight (kg)		550	550	1,250	1,250



● Carrier Chain

Carrier chains hold the bag top firmly and traverse throughout the process with the bag held, preventing slippage of sealing position.



● Pre-heater

The inner PE is perfectly sealed using the pre-heaters and heater bars of the PBC-3W.



● Hot-air Heater

Bag top is folded 90 degrees; hot-melt glue is melted by hot air; and the bag top is further folded 90 degrees.



● Press Belt

Press belts press and cool the bag top to firmly close the bag.



● Option (motor driven vertical adjust)

The sealer body is vertically moved with a pushbutton switch on the operation side.



● Printer (Option)

The automatic ink type printer operates integrally with the pinch sealer. Print appears precisely at the specified position using a sprag clutch and a microswitch. Letter types are easily replaced.



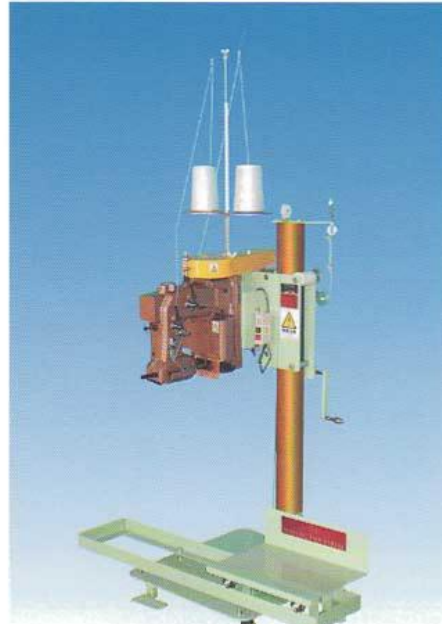
Sewing machine Division of Fujioke Newlong Industrial Co., Ltd. factory was granted ISO9001 Certifications on October 16, 1999.

PORTABLE BAG CLOSER

NP-7A 手提式縫袋口机
MODEL: NP-7A
PORTABLE BAG CLOSER



B-2 (DS-2II)板車式縫袋口机
MODEL: B-2 (DS-2II)
FILLED BAG CLOSING MACHINE COMPLETE SET
(FOR ALL KINDS OF BAGS)



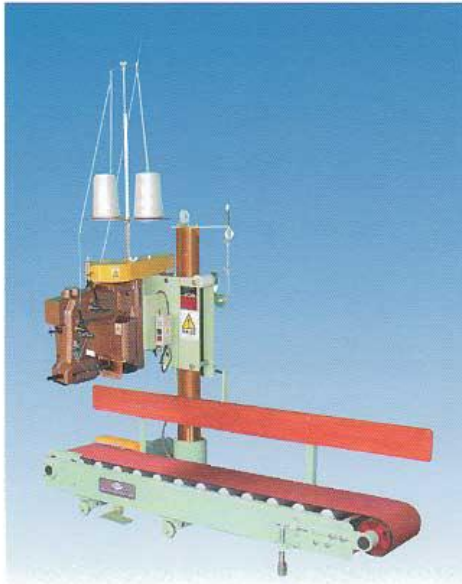
規 SPECIFICATION 格	
縫袋机頭 sewing head	NP-7A 單線連環式 single thread chain stitch
縫袋能力 sewing capability	400-450 袋/時 400-450 bags/hour
縫目針距 stitch range	8mm
切線裝置 cutter	半自動式 semi-automatic
馬達 drive motor	單相 110V/60HZ 220V/50HZ 1PH

規 SPECIFICATION 格	
縫袋机頭 sewing head	DS-2II 雙線連環式 double thread chain stitch
縫袋能力 sewing capability	300-400 袋/時 300-400 bags/hour
縫目針距 stitch range	7-11mm
切線裝置 cutter	半自動式 semi-automatic
起動、停止 start-stop	踏板式 pedal type

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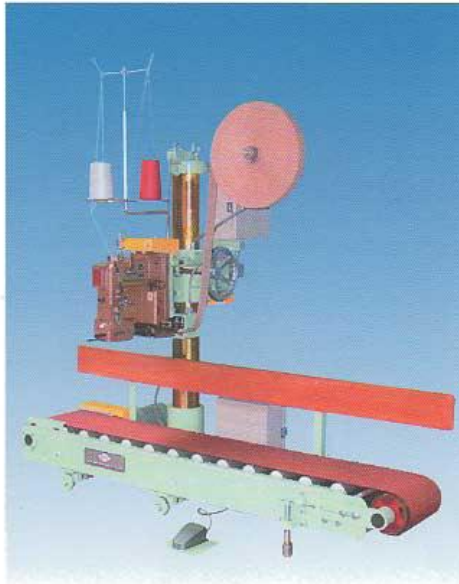
ニューロング工業株式会社

A-2 (DS-2II) 輸送带式縫袋口机
 MODEL: A-2 (DS-2II)
 FILLED BAG CLOSING MACHINE
 (FOR ALL KINDS OF BAGS)



規 SPECIFICATION 格	
縫袋机頭 sewing head	DS-2II 雙線連環式 double thread chain stitch
縫袋能力 sewing capability	500-600 袋/時 500-600 bags/hour
縫目針距 stitch range	7-11mm
切線装置 cutter	半自動式 semi-automatic
起動、停止 start-stop	踏板式 pedal type

A-2P2L 型全自動輸送带式縫袋口机
 MODEL: A-2P2L
 AUTOMATIC FILLED BAG CLOSING MACHINE
 (FOR ALL KINDS OF BAGS)



規 SPECIFICATION 格	
縫袋机頭 sewing head	DS-6 雙線連環式 double thread chain stitch
縫袋能力 sewing capability	800-900 袋/時 800-900 bags/hour
縫目針距 stitch range	7-11mm
切線装置 cutter	自動式 automatic
起動、停止 start-stop	全自動式 fully automatic



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