

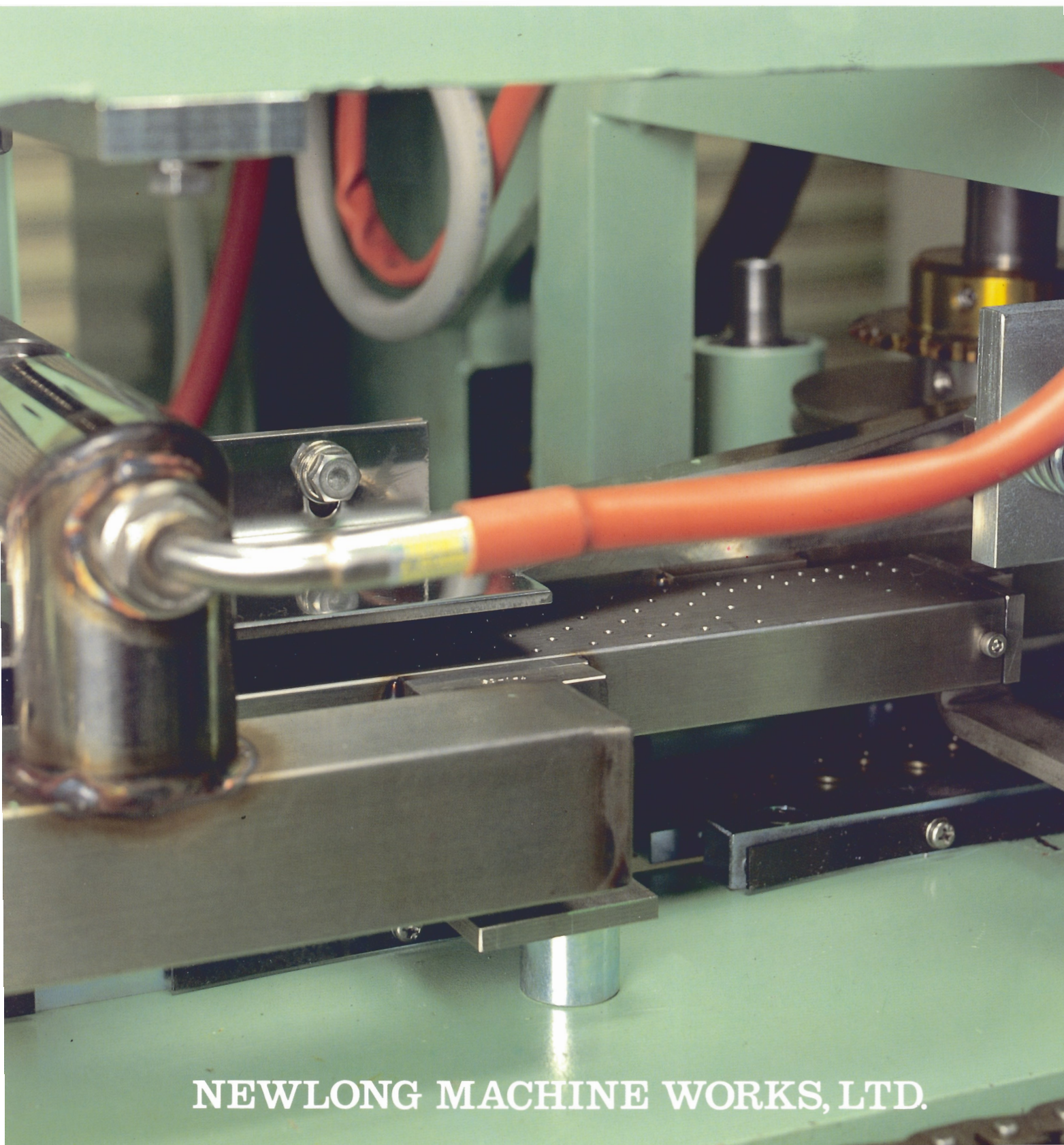


**FULLY AUTOMATIC PINCH-BAG SEALER**

# **PBS-S/W**

**Single or Double Pinch-Sealing**

*SEALS PINCH-BAGS FULLY AUTOMATICALLY*

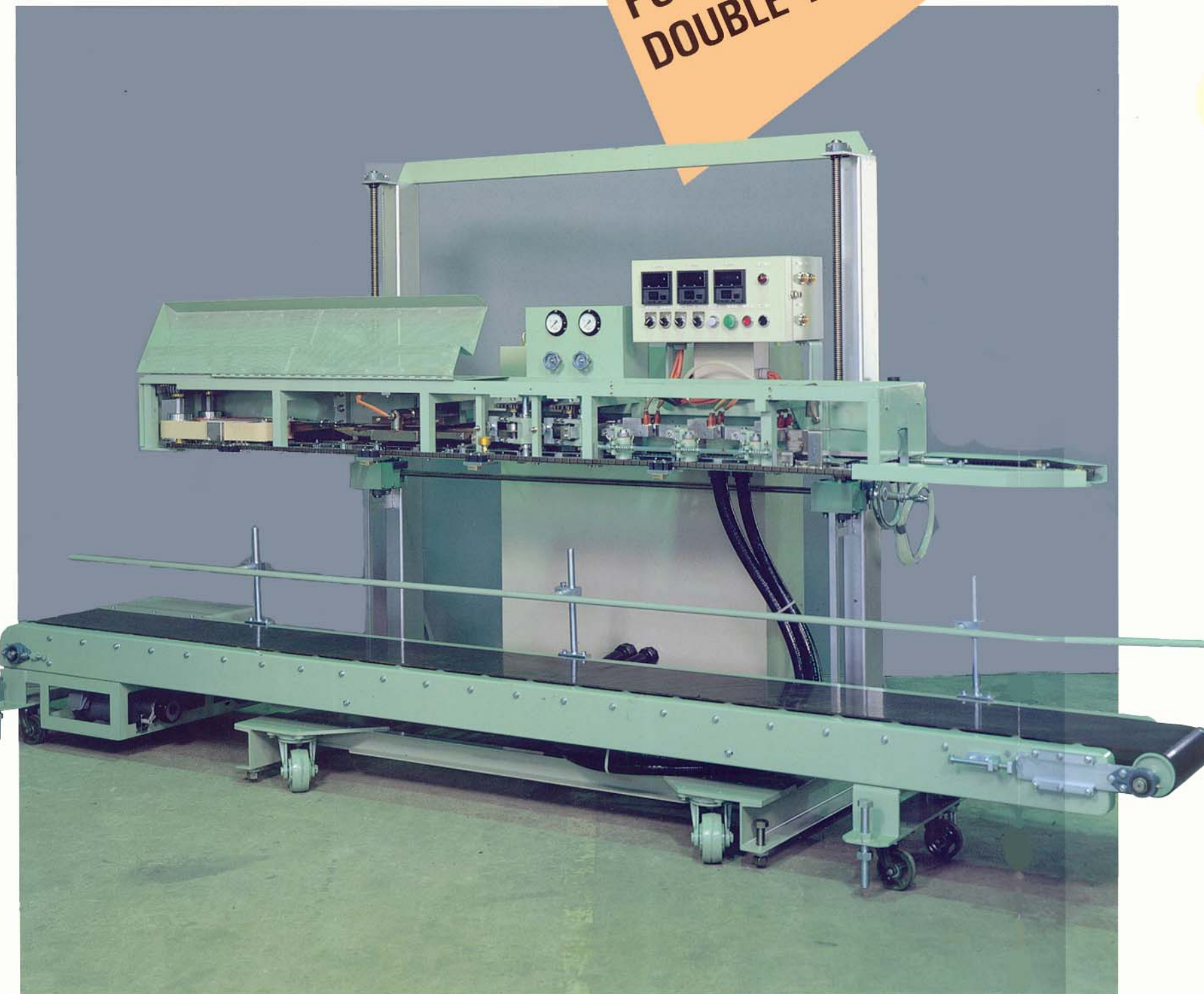


**NEWLONG MACHINE WORKS, LTD.**

# High Performance Machine for Fully Automatic Closing of Double and Single Pinch-Bags

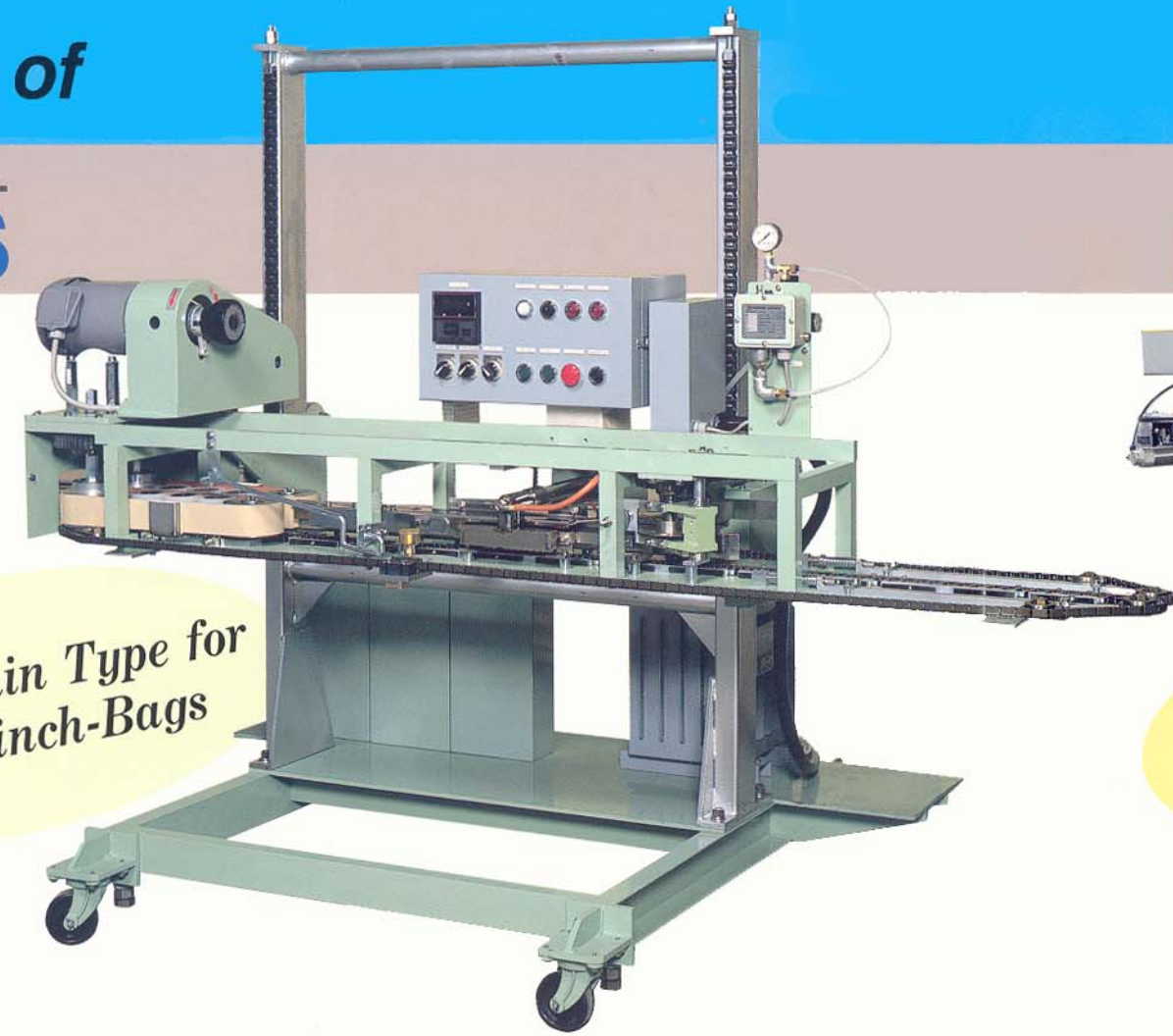
## MODEL PBC-3W

FOR  
DOUBLE PINCH-BAGS



## MODEL PBC-S

Carrier Chain Type for  
Single Pinch-Bags



## MODEL PBS-S

The Compact  
Machine for  
Speedy Closing of  
Pinch-Bags



\*The machine with an optional imprinter is shown.

### 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

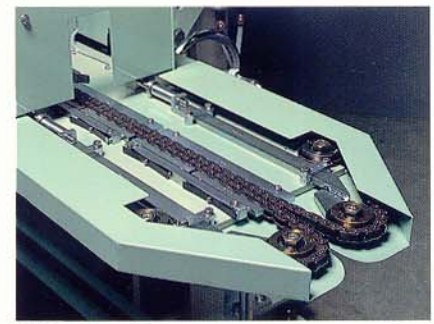
Hot-melt glue is completely heated with hot air and is firmly pressed between press rolls to totally seal the bag. For inner PE layer bags, the PE film is first sealed to eliminate moisture and dust entry and prevent degeneration of the products.

### 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 at all times.

### Ease of Maintenance

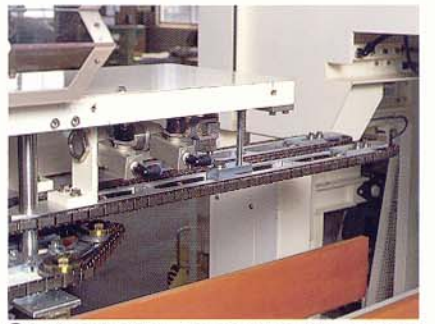
Major parts are protected by sealed covers to substantially reduce machine problems. The machine rejects dirt, and maintenance and control of the machine is quite easy.



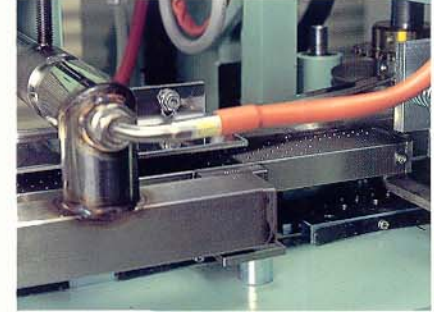
●Carrier Chains  
Pinch-bags are held between carrier chains at the top, and transported throughout the machine. No possibility of shifting of the sealing position.



●Bag Support Belt  
Bags are transported without damage to the surface because they are supported between belts. The belts transport bags positively and smoothly.



●Infeeder(for connecting the system from an automatic bagging machine)  
The guide at the inlet of the machine is used to correctly feed the bags. The leading edge of the infeeders opens to receive bags and then closes to hold and transport them.



●Hot Air Heater(Closer Heater)  
Hot air is uniformly blown through a number of small holes to melt the hot-melt glue coated on top of the pinch-bag. The hot air heater is the heart of the pinch sealer and is made most precisely and ruggedly.

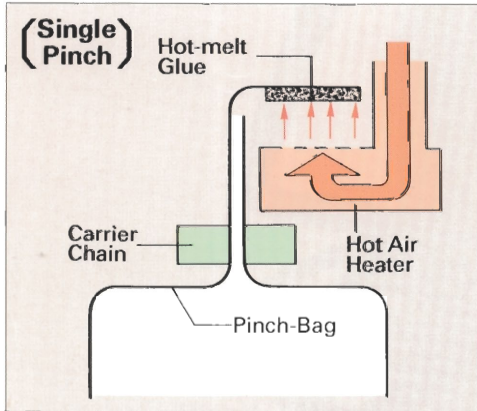
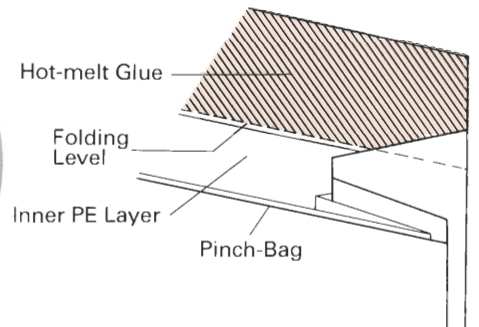
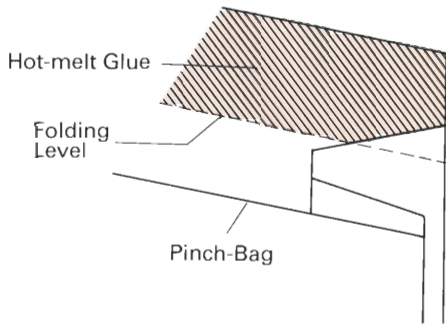


●Machine Height Adjuster  
Machine height is adjustable simply by turning the handle. The entire sealer rises or lowers, and can be locked at the desired height in a very short time.



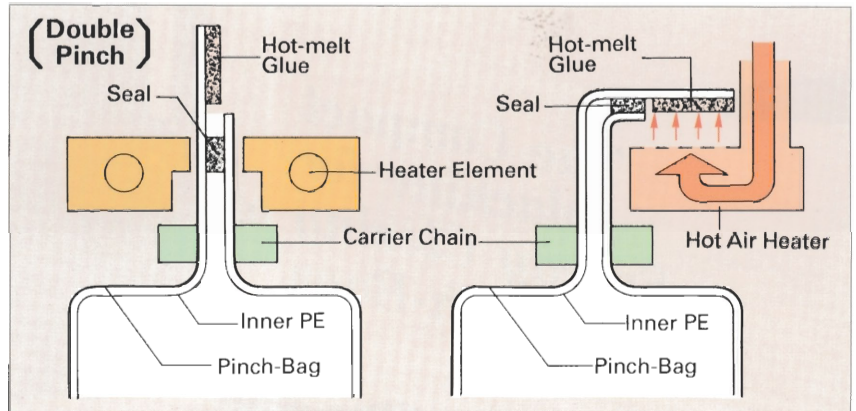
●Imprinter(option)  
The ink type imprinter is driven by the pinch sealer. Data or numbers are printed on the same position on each bag. A microswitch and a single-rotation clutch are incorporated. Printing types can be changed with ease.

# Sealing Process-Pinch-Bag with or without Inner PE Layer



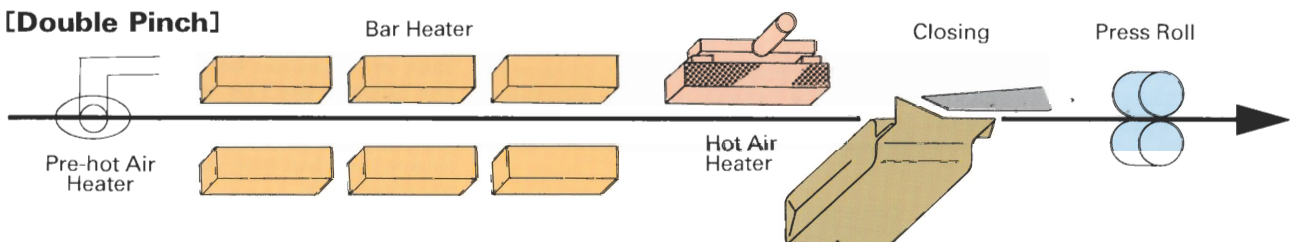
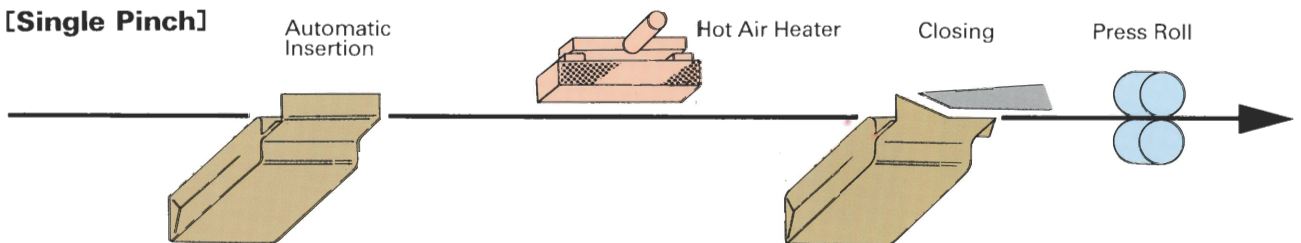
## ● Pinch-Bag(Single Pinch)

Bag top is folded at a right angle. Hot-melt glue is melted by hot air blow. The top is further folded flat on the bag surface and pressed and sealed by press rolls.

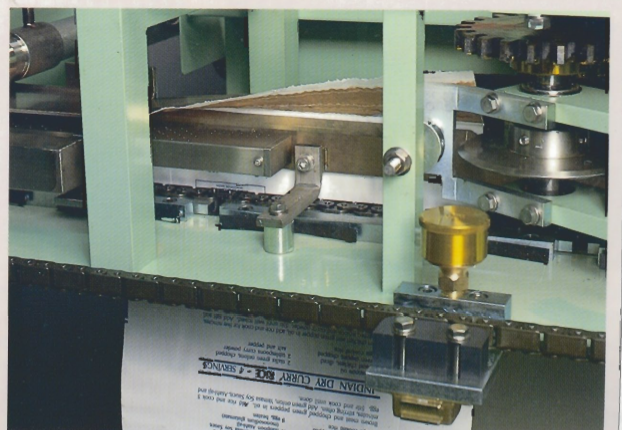
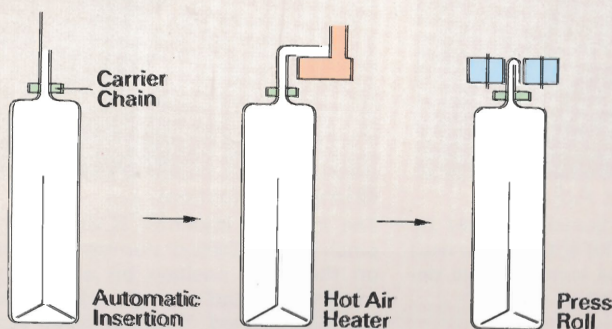


## ● Pinch-Bag with Inner PE Layer (Double Pinch)

PE layer is heated by pre-hot air heater and sealed by bar heaters. Hot-melt glue is then melted by hot air blow of hot air heater. The bag top is pressed and sealed.



## Bag Closing Process



## STANDARD SPECIFICATIONS

Model		PBS-S	PBS-3W	PBS-4W	PBS-6W	PBC-S	PBC-3W	PBC-5W
Specification								
Bag Type		3-ply gusseted paper bags	3-ply paper with inner PE layer	3-ply paper with inner PE layer	3-ply paper with inner PE layer	3-ply gusseted paper bags	3-ply paper with inner PE layer	3-ply paper with inner PE layer
Speed (m/min.)		6~14	6~12	6~12	10~18	6~14	6~12	8~16
Depth of Fold (mm)		45	50	50	50	45	50	50
Power (kW)		0.4	0.4	0.75	0.75	0.75	0.75	0.75
Air (Nℓ/min.)		400	800	800	800	400	800	800
Heater Capacity (kW)		C=2	A=3 B=3 C=3	A=3 B=4 C=3	A=3 B=6 C=3	C=2	A=3 B=3 C=3	A=3 B=5 C=3
Dimensions (mm)	Length	1,975	3,290	3,525	3,920	2,320	3,424	3,784
	width	1,515	1,113	1,113	1,113	1,250	1,280	1,280
	Height	1,880	1,800	1,800	1,800	1,752	1,790	1,790
Net Weight (kg)		680	980	1,100	1,200	660	960	1,150
Measurement (cft)		300	400	420	430	300	400	420
Gross Weight (kg)		970	1,400	1,570	1,700	940	1,370	1,650
Options		—	—	—	—	In-feeder device	In-feeder device	In-feeder device

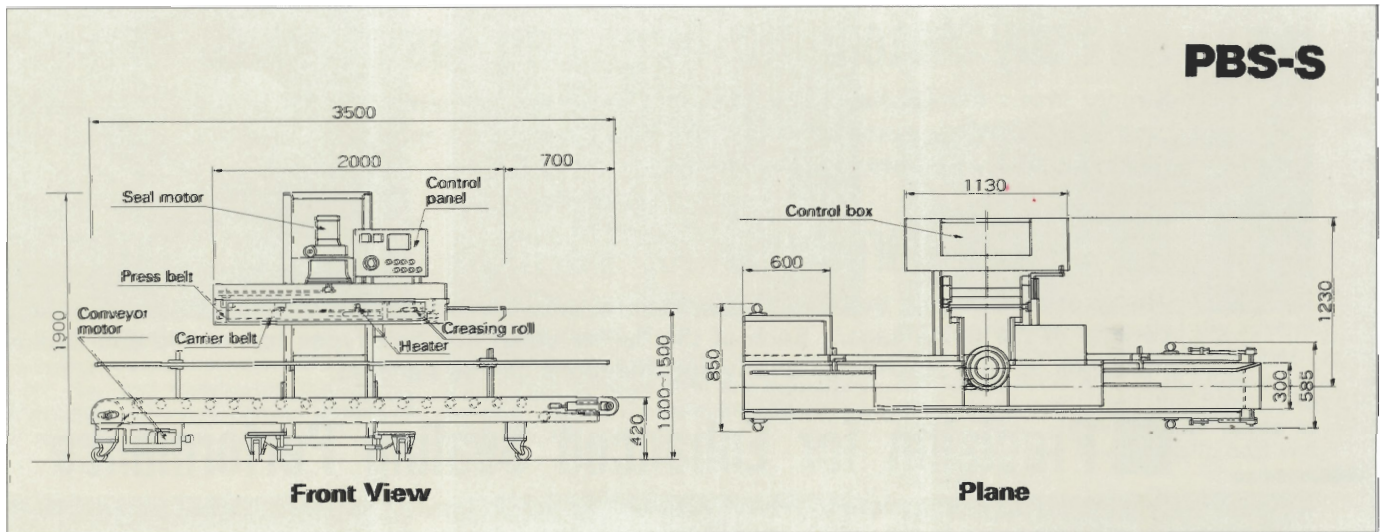
●Speed is for 50Hz.

●Non-gusseted bags are used for double pinch.

●A : Pre-hot air heater, B : Heater for sealing innermost layer (bar heater),

C : Hot air heater(closer heater)

Specifications are subject to change without prior notice.



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