FULLY AUTOMATIC PINCH-BAG SEALER
PBS-S/W
Single or Double Pinch-Sealing
SEALS PINCH-BAGS FULLY AUTOMATICALLY

NEWLONG MACHINE WORKS, LTD.
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 PBC Series is the most advanced system for exiting 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 all specifications can be supported throughout the machine. No possibility of shifting of the sealing position.

Precision for Enhanced Sealing Performance
Hot-air 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.
Sealing Process-Pinch-Bag with or without Inner PE Layer

**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 roll.

**Double Pinch**
Pre-hot Air Heater
Bar Heater
Hot Air Heater
Closing
Press Roll

**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

<table>
<thead>
<tr>
<th>Model</th>
<th>PBS-S</th>
<th>PBS-3W</th>
<th>PBS-4W</th>
<th>PBS-6W</th>
<th>PBC-S</th>
<th>PBC-3W</th>
<th>PBC-5W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bag Type</td>
<td>3-ply gusseted paper bags</td>
<td>3-ply paper with inner PE layer</td>
<td>3-ply paper with inner PE layer</td>
<td>3-ply gusseted paper bags</td>
<td>3-ply paper with inner PE layer</td>
<td>3-ply paper with inner PE layer</td>
<td></td>
</tr>
<tr>
<td>Speed (m/min.)</td>
<td>6–14</td>
<td>6–12</td>
<td>6–12</td>
<td>10–18</td>
<td>6–14</td>
<td>6–12</td>
<td>8–16</td>
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<tr>
<td>Depth of Fold (mm)</td>
<td>45</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>45</td>
<td>50</td>
<td>50</td>
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<tr>
<td>Power (kW)</td>
<td>0.4</td>
<td>0.4</td>
<td>0.75</td>
<td>0.75</td>
<td>0.75</td>
<td>0.75</td>
<td>0.75</td>
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<tr>
<td>Air (N/min.)</td>
<td>400</td>
<td>800</td>
<td>800</td>
<td>800</td>
<td>400</td>
<td>800</td>
<td>800</td>
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<tr>
<td>Heater Capacity (kW)</td>
<td>A = 3</td>
<td>B = 3</td>
<td>A = 3</td>
<td>B = 3</td>
<td>A = 3</td>
<td>B = 3</td>
<td>A = 3</td>
</tr>
<tr>
<td>Length (mm)</td>
<td>1,975</td>
<td>3,290</td>
<td>3,525</td>
<td>3,920</td>
<td>2,320</td>
<td>3,424</td>
<td>3,784</td>
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<tr>
<td>Dimensions (mm)</td>
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<td>1,113</td>
<td>1,113</td>
<td>1,113</td>
<td>1,250</td>
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<tr>
<td>Height (mm)</td>
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<td>1,800</td>
<td>1,800</td>
<td>1,800</td>
<td>1,752</td>
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<tr>
<td>Weight (kg)</td>
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<td>980</td>
<td>1,100</td>
<td>1,200</td>
<td>680</td>
<td>960</td>
<td>1,150</td>
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<tr>
<td>Measurement (ctm)</td>
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<td>420</td>
<td>430</td>
<td>300</td>
<td>400</td>
<td>420</td>
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<tr>
<td>Gross Weight (kg)</td>
<td>970</td>
<td>1,400</td>
<td>1,570</td>
<td>1,700</td>
<td>940</td>
<td>1,370</td>
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<tr>
<td>Options</td>
<td>In-feeder device</td>
<td>In-feeder device</td>
<td>In-feeder device</td>
<td>In-feeder device</td>
<td>In-feeder device</td>
<td>In-feeder device</td>
<td>In-feeder device</td>
</tr>
</tbody>
</table>

- Speed is for 50Hz.
- Non-gusseted bags are used for double pitch.
- A: Pre-hot air heater. B: Heater for sealing innermost layer (air heater). C: Hot air heater (cassette heater).

Specifications are subject to change without prior notice.

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