KS SERIES

COMPACT AND COMPLETELY SIFT-PROOF PACKAGING SYSTEM

NEWLONG MACHINE WORKS, LTD.
ONE-LINE CLOSURE OF PAPER BAG
Trimming, stitching, heat-sealing (inner PE), and heatseal-tape sealing can be done all on one-line automatically.

SIMPLE ADJUSTMENT AND HIGH PERFORMANCE
Easy to install and simple to maintain. Efficient and automatic to operate. Advanced technique embodied in its function.

EIGHT STANDARD MODELS FOR MORE APPLICATIONS
Wider choice to suit bag specifications and products. Eight standard models plus optional items are available.

EASY CONTROL OF HEATER BAR TEMPERATURE
Easy to adjust temperature and pressure of heater bar, so that no extra time is required when changing bag thickness.

HIGH LEVEL OF SEALED AND STITCHED CLOSURE
Closure is sift, dust, and insect proof. Products filled in bag can be completely protected.

SEAL-AND-STITCH COMBINED ON ONE-LINE OPERATION

Alignment
press roll
MODEL KS-16
heater bar
heatseal tape
sewing head
crepe tape
press roll
MODEL KS-28
header bar
trimmer

Kraft paper bag
First stitched, then heatseal tape sealed for sift proof closure.

Paper bag w/inner PE film
First seals inner PE and then stitches over seal line.
Model DS-7A/DS-7C
(Roll-fed Type)

Recommended for heat-seal tape over sewing, KS-12, KS-13, KS-14, etc.

<table>
<thead>
<tr>
<th>Revolution</th>
<th>1,650 r.p.m. (normal)</th>
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<tbody>
<tr>
<td>Stitch width</td>
<td>7.6mm (fixed)</td>
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<tr>
<td>Speed</td>
<td>7-8 m/min.</td>
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- **Carrier chain**
  Positively holds the upper part of bag all the way through the sealing process, to eliminate stitch failure nor lagging.

- **Heat seal tape (Over Tape)**
  Automatically folded at the center, and applied over trimmed bag top. Automatic cut after over tape sealed.

- **Dust cleaner (option)**
  Vacuum opens the inner PE film liner in the bag mouth, and an air blast removes contamination in seal area for a positive seal.

- **Heater bar**
  Easy to control temperature and pressure to suit bag thickness. Upto six pairs of heater bars can be installed for efficient performance.

- **Sealer height adjustment**
  Sealer height can be changed by handle. Whole sealing unit can be moved vertically, so that the height is quickly and easily adjusted.

- **Code printer (NP-1), (option)**
  Code number or date can be printed by roller coder. A one-rotation clutch ensures accurate printing position. Print type is easily replaced.
KS-324D
INNER BAG SEAL & OVERTAPE SEAL AFTER BAG TOP FOLDING WITHOUT STITCHING. SIFT-PROOF CLOSURE OF PAPER BAG PREVENTS PRODUCT CONTAMINATION.

Alignment
press roll
heatseal tape (overtape)
slitter
heater bar

Machine length depends on heater bar numbers, conveyor speed and option devices.

KS324D
- Paper bag winner PE film (w/o stitching)
- OPTION:
  - dust cleaner (for inner PE film)
  - outer lamination remover
  - cutter (for out tape)
  - score cutter
  - tape holder
  - code printer

Paper bag winner PE film

heatelement
inner PE bag

inner sealed

sealed

Paper bag

inner PE bag

overtape

heatelement