FABRIC INSPECTION & PACKING LINE

01 PACKING

Automatic Fabric Inspection and Packing Line, combined with the state-of-the-art technology including camera inspection, automatic cutting, taping, labeling, packing, sorting, and stacking.

ST-ARPM
AUTOMATIC FABRIC ROLL PACKING MACHINE

ST-CBPM
AUTOMATIC CARDBOARD BOLT PACKING MACHINE

- Camera inspecting: 100 rolls/min
- ±0.15mm Defect Sealing
- Software Recoding
- 24 hours Working
- Automatic Linear cutting
- Automatic Taping
- Automatic Labeling: ERP Compatible
- Automatic Vacuum Packing: 2400 - 3200 rolls/day
- Fabric Roll Lifting
- Smart Classifying as per the results of the optical inspection machine
- Automatic Stacking
ST-ARPM
AUTOMATIC FABRIC ROLL PACKING MACHINE

FEATURES:
- Fully Automatic, Reduce Labor Force.
- Only one operator required.
- High Efficiency, Packing Speed Up to 7 rolls/min.
  ST-ARPM-1301 can pack 5-7 rolls/min, around 2400-3160 rolls every eight hours.
- Material Cost Saving than Traditional Plastic Bag.
  Around 10% cost can be saved.
- Vacuum Packing Effect with PE Film.
  The ideal thickness of Polyethylene film is 65-80 microns.
- Link with inspection Machine for Online Inspecting and Packing-Option.
  Ideally, 1 set packing system supports max. 10 sets fabric inspection machines at the same time.

PACKED ROLL:
(Vacuum Packing Effect)

CUSTOMIZED SOLUTIONS:
- Smart Classification
  The operator can set up the "assignment" in Touch Screen Panel.
  Fabric roll from inspection machine no.1 can be assigned to storage stage no.2 (or no.2 or no.3 or no.4);
  Fabric roll from inspection machine no.7 can be assigned to storage stage no.2 (or no.1 or no.3 or no.4);

- With Hot Air Blowing and Punching Device
  Compared with the traditional packing line (with heat chamber), this system is ideal for saving space and power.

- Automatic Lifting and Allocating
  1. Fabric roll goes to the main packing unit through the inlet conveyor and 90 degree turning system.
  2. The packed rolls will be raised by a lifter to the outlet conveyor directly.
  3. The PLC will instruct the roll to run right, firstly, the ejection device will push it in to Storlage 1 once the Storlage 2 is full; sensor will detect and programmed system will instruct the fabric roll to the left side to push roll into Storlage 2.

ST-SRPM
SEMI-AUTOMATIC FABRIC ROLL PACKING MACHINE

PACKING ROLL upto 1000mm diameter with PE film
Side sealing by induction of Hot air & Punching Device.

TECHNICAL SPECIFICATIONS: (for standard models only)

<table>
<thead>
<tr>
<th>Model</th>
<th>ST-ARPM-1301</th>
<th>ST-ARPM-1801</th>
<th>ST-ARPM-2401</th>
<th>ST-ARPM-2401</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range of Roll Width:</td>
<td>900-1800mm</td>
<td>1500-2400mm</td>
<td>1200-2400mm</td>
<td>1200-2400mm</td>
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<tr>
<td>Range of Roll Diameter:</td>
<td>100-400mm</td>
<td>200-600mm</td>
<td>100-600mm</td>
<td>100-600mm</td>
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<tr>
<td>Packing Capacity:</td>
<td>5.7-7.0rolls/min</td>
<td>4.6-6.0rolls/min</td>
<td>4.6-6.0rolls/min</td>
<td>5.5-6.0rolls/min</td>
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<tr>
<td>Dimensions(Main Packing Unit):</td>
<td>4100<em>2500</em>2100mm</td>
<td>4100<em>2500</em>2100mm</td>
<td>4100<em>2500</em>2100mm</td>
<td>4100<em>2500</em>2100mm</td>
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<tr>
<td>Weight:</td>
<td>150kg</td>
<td>150kg</td>
<td>150kg</td>
<td>170kg</td>
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<tr>
<td>Power Consumption:</td>
<td>4.5kw</td>
<td>43kw</td>
<td>43.5kw</td>
<td>43.5kw</td>
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<tr>
<td>Compressed Air Pressure:</td>
<td>5-7bar</td>
<td>5-7bar</td>
<td>5-7bar</td>
<td>5-7bar</td>
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</tbody>
</table>

Remarks: Range of roll width can be designed and manufactured upto 1200mm.