Dust-tight Sealing of Open-mouth Bags.

The Pinch Bag Sealing Unit for the Maia Bagging Station has been designed for dust-tight sealing of pre-glued paper or woven polypropylene bags.

Features
- Dust-tight bag closure
- No expendable materials needed (stitching threads)
- Suitable for paper and plastic bags
- For Maia MWPG with one or two spouts
- Bag feed from left or right

Benefits
- Dust-tight bag closure that does not need any expendable materials
- Exemplary ease of operation and maintenance
- High operating reliability
- Suitable for bags made of paper and woven polypropylene

Operating reliability
The Pinch Bag Sealing Unit offers maximum reliability, flexibility, and industrial safety. The open-mouth bags are directed through the process in a controlled manner, ensuring a high level of dependability. The machine can be quickly adjusted to suit different bag sizes and products without requiring any tools. The result: dust-tight bags without any traces of glue.

The machine also includes a swing-out lid which allows quick and easy access for cleaning and maintenance.

User-friendly operation
User-friendly and intuitive: The Pinch Bag Sealing Unit functions are completely integrated in the Maia Bagging Station user interface.
Maximum operating reliability. More bags per hour.

1. Grooving
Grooving of the bag before folding.

2. Folding
Folding of the upper bagrim occurs during continuous motion.

3. Pressing
The flattened fold is pressed together.

4. Gluing
Heating and melting of the pre-applied glue between two jaws.

5. Pressing
The fold and glue are pressed together. As it cools, the glue seals the fold.

Dimensions / technical data

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>Weight</th>
<th>Bag throughput*</th>
<th>Bag width</th>
<th>Bag length</th>
<th>Temperature range heating element °C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maia MWPG-1 with 1 spout</td>
<td>2270</td>
<td>1793</td>
<td>1011</td>
<td>1000</td>
<td>650</td>
<td>≤ 7,5 bags/min</td>
<td>320 – 520</td>
<td>max 900</td>
<td>20 ... 250</td>
</tr>
<tr>
<td>Maia MWPG-2 with 2 spouts</td>
<td>3620</td>
<td>1793</td>
<td>1011</td>
<td>1000</td>
<td>850</td>
<td>≤ 15 bags/min</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* The bag throughput is a function of the bag thickness, the bag material, and the welding time