STREMA RC01

MACHINE FOR PACKING PLASTIC TUBES OR STICKS IN CARDBOARD BOXES

Cotton swab  Chupa lollipop  Classic lollipop  Chocolate cake stick  Spun sugar stick  Flag stick  Fan stick  Party stick  Umbrella stick  Tubes for containers with spray or dispenser  Tubes for ballpoint pen refills
The Strema RC01 is a semi-automatic machine for packaging cotton buds or straws in cardboard boxes. Forming the boxes, positioning them on the machine and removing and closing them are manual operations. The cotton buds or straws can have various diameters and lengths, and can be made of plastic, paper, wood, etc.

Therefore the RC01 can be used in industrial sectors of various kinds such as those for producing:
- Ear cleaners
- Medical Applicators
- Cosmetic Swabs
- Lollipops
- Sucker Sticks
- Party Sticks
- Tubes for ballpoint pen refills
- Straws for drinks
- Tubes for containers with spray or dispenser
- Misc...

The machine can be connected directly to plastic extrusion lines or production lines for making paper buds.

The RC01 is composed of several units and control and operating devices. Their main characteristics, as well as their operation, are described here below and in the paragraphs that follow.

- Empty cardboard box feeder
  This consists of a conveyor belt and pneumatic translator thanks to which the cardboard boxes advance towards the next station.
- Filling conveyor
  The function of this is to move the boxes under the filling station and from here to the film cutting zone and finally towards the discharge table.
- Discharge table
  A pneumatic translator allows the full cardboard
boxes to move to a special table where the operator can close them and unload them from the machine.

- Filling head
This is the main unit of the machine. Its job is to fill the cardboard boxes with the aid of an appropriate film.

- Cutting the film
This unit cuts the length of film located between two full cardboard boxes.

CONTROL DEVICES
The machine is fitted with a push-button control unit and an operator panel. Both can be used to set the parameters necessary for guaranteeing the proper operation of the machine.
Various controls are installed; the main ones are:
- Control of the correct positioning of the pneumatic actuators.
- Control of the speed of the motors.
- Control of the synchronicity between the machine (or line) upstream and the RC01.
- Control of the cutting group temperature.
- Control of the minimum load of the empty cardboard boxes.
- Control of the correct positioning of the empty and full cardboard boxes.

ACCESSORIES AND OPTIONS
The machine can be provided with accessories and options on request: the main ones include:
- Specific formats.
- Structure in stainless steel or in a different colour.
- Remote diagnosis by modem (teleservicing).
- Customized features.
## Dataset

### Dimensions (mm)

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>4200</td>
</tr>
<tr>
<td>Depth</td>
<td>4200</td>
</tr>
<tr>
<td>Height</td>
<td>2200</td>
</tr>
</tbody>
</table>

### Weight (kg)

- 700

### Electric power supply (V)

- As requested by the user

### Installed power (kW)

- 3.8

### Compressed air pressure (bar)

- 6

### Compressed air consumption (litres/cycle)

- 2.43

### Production capacity

- Up to 6 boxes per hour
  - This figure is indicative as the real performance depends on many factors, such as, for example, the dimensions of the cotton buds or straws, the capacity of the machine (or line) upstream, etc.

### Indicative dimensions of the cotton buds or straws (mm)

- Minimum diameter: 2
- Maximum diameter: 6
- Minimum length: 70
- Maximum length: 330

### Maximum cardboard box dimensions (mm)

- Width: 1050
- Depth: 400
- Height: 300

### Maximum dimensions of the film reel (mm)

- Dia.: 300
- Width: 320

### Number of operators

- 1

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*The figures indicated in this catalogue are not binding. We reserve the right to make changes or improvements without any obligation to provide notice.*