



**PACKAGING MACHINERY
ITALY**



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



STREMA RC01

MACHINE FOR PACKING PLASTIC TUBES OR STICKS IN CARDBOARD BOXES

FIELD OF APPLICATION

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.

DESCRIPTION OF OPERATION

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

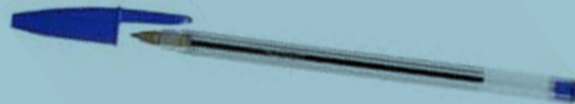
This consists of a conveyor belt and pneumatic translator thanks to which the cardboard boxes advance towards the next station.

- 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.



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DATA SHEET

Dimensions (mm)	Width 4200 x Depth 4200 x Height 2200
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 x Depth 400 x Height 300
Maximum dimensions of the film reel (mm)	Dia. 300 x Width 320
Number of operators	1

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



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