



AUTOMATIC LINEAR LAMI TUBE FILLING MACHINE
Output : 60 tubes per minute

RIDDHI PHARMA MACHINERY LTD.

Manufacturer & Exporters of Pharmaceutical Machineries

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ALLUMINIUM AND LAMI TUBE FILLING MACHINES

SEMI AUTOMATIC ALLUMINIUM TUBE FILLING MACHINE



Output : 35-40 tubes per minute
Grammage : 5 gms to 250 grams
Tube Dia : 10+40 mm hieght 60-200 mm

AUTOMATIC ALLUMINIUM TUBE FILLING MACHINE



Output : 50 tubes per minute
Grammage : 5 gms to 250 grams
Tube Dia : 10+40 mm hieght 60-200 mm

SEMI AUTOMATIC LAMI TUBE FILLING MACHINE



Output : tubes per minute
Grammage : 5 gms to 250 grams
Tube Dia : 10-40 mm hieght 60-200 mm

AUTOMATIC LAMI TUBE FILLING MACHINE



Output : 50 tubes per minute
Grammage : 5 gms to 250 grams
Tube Dia : 10+40 mm hieght 60-200 mm

ALLUMINIUM AND LAMI TUBE FILLING MACHINES

SEMI AUTOMATIC ALLUMINIUM
TUBE FILLING MACHINE



Output : tubes per minute
Grammage : 5 gms to 250 grams
Tube Dia : 10-40 mm hieght 60-200 mm

AUTOMATIC ALLUMINIUM
TUBE FILLING MACHINE



Output : 50 tubes per minute
Grammage : 5 gms to 250 grams
Tube Dia : 10+40 mm hieght 60-200 mm

SEMI AUTOMATIC LAMI
TUBE FILLING MACHINE



Output : 35-40 tubes per minute
Grammage : 5 gms to 250 grams
Tube Dia : 10+40 mm hieght 60-200 mm



Manual Tube Filling
10ml to 100ml



Motorised Tube Filling
50ml to 250ml



Motorised Tube Filling
50ml to 250ml

Manual Lami
Tube
Sealing
Machine
Peddal type



Lamit Tube Sealing
Machine Pnuematic

STANDARD FEATURE WITH MACHINE

- ☞ Manual tube infeed.
- ☞ Automatic tube orientation (option).
- ☞ Tail-free filling system.
- ☞ Smooth operation by using Ferguson Drive.
- ☞ Automatic coating on the tubes.
- ☞ Machine clad with SS 304.
- ☞ Inbuilt centralised lubrication (option).
- ☞ No tube, No fill device.

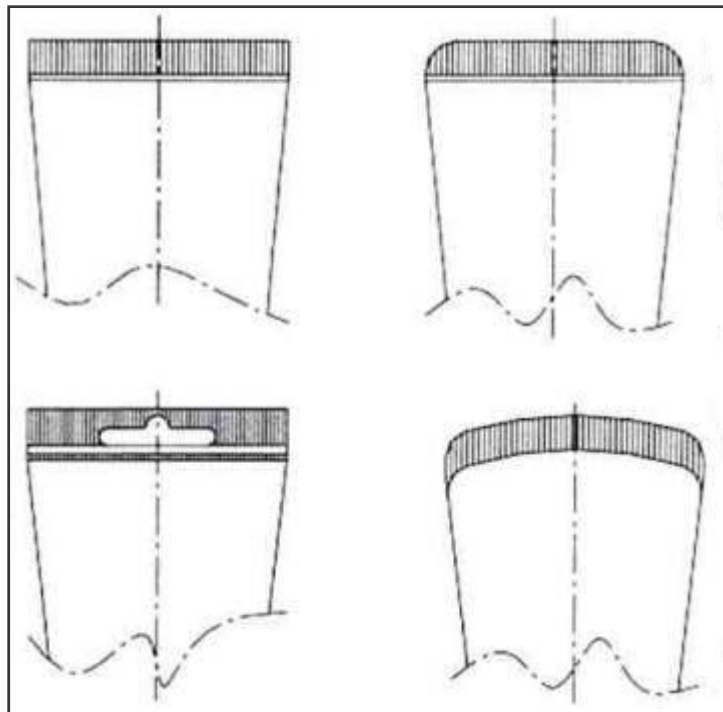
TUBE CLOSING STATION

- ☞ Option 1 : Metal folding & Crimping station.
- ☞ Option 2 : Lamisealer for laminated or plastic tubes.
- ☞ Option 3 : A combination sealer for both metal tube folding, laminated & plastic tube sealing.

OPTIONAL FEATURE WITH MACHINE

- ☞ Automatic tube infeed cassette system.
- ☞ Automatic tube cleaning system.
- ☞ Both side batch coating system.
- ☞ Cap tightening system.
- ☞ Tubular cover Aluminium or SS 304 with Acrylic or Polycarbonate housing.
- ☞ Jacketed Hopper with Product Stirring Device.
- ☞ Electronic product counter & time totaliser.
- ☞ Reverse / Saddle folding on Aluminium.
- ☞ Flame proofing.
- ☞ Multicolour filling system.
- ☞ Designer sealing patterns.
- ☞ GMP Version.
- ☞ PLC based machine operations.
- ☞ Before and after filling nitrogen purging.
- ☞ Mechanical tail-free attach filling device.

SEALING PATTERNS



SYSTEM DESCRIPTION

The empty tubes, which are first loaded in the cassette, are feed into the tube holders by a tilter. Next the tubes are orientation station for positioning the "I" mark subsequently; the tube passes through the filling station,

*No changeover parts are required while, selecting the option between Aluminum to Lami/Plastic Tubes and vice versa. The control panel has controls for the same.

✓ ON SELECTING IN THE LAMI /PLASTIC TUBE MODE: After filling the tube travels to the heating station where hot air is blown onto the inside end of the tube by a nozzle. In the mean time, after each filling session a control on tailing is achieved by a pneumatic cut-off system, along with filters, that cleans the nozzle of the excess sample. Next, when the tube is lifted for heating, a cooling ring centers the tube so that heating is uniform around the tube, as also to ensure that the outside portion of the tube is not heated. While heating, the hot air is simultaneously sucked out of the tube so that the product is not affected. The tube then goes to the sealing & coding station where the tube is pressed & sealed and then coded with metal stereos (female). it then travels to the trimming station where the irregular shape at the tube end is trimmed by a set of blades. It is then ejected at the next collection station.

✓ ON SELECTING THE ALUMINUM TUBE MODE: After filling the tube travels to the 1st Folding station. In the mean time, after each filling session a control on tailing is achieved by a pneumatic cut-off system, along with filters, that cleans the nozzle of the excess sample. The tube then goes to the 2nd Folding station. It then travels to the Crimping & Batch coding station where the tube is pressed & sealed then coded with metal stereos (male). It is then ejected at the next collection station. e tube holders by a tilter. Next the tubes are orientation stati.

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