

# Mailer Pack 1

This machine is especially made for E-commerce packaging



the new solution to make “ ship and return” envelope paper bag.

the main advantage of this machine is that it can produce large size bags. the innovation of this machine is the use of two rolls of paper at the start of the production line, which makes the difference with our competitors by correcting certain problems. The use of two rolls of paper is based on the fact that it does not consist in forming a tube of paper to make the bag, but by assembling two layers on top of each other.

## The benefits of the Mailer-Pack 1 are significant.

First of all, the double reel design allows for a considerable reduction in the width of the machine, but it also allows for easier reel changes with the use of automatic reel changers. The classical tube forming manufacturing options can cause many issues such as knife positioning and pressure problems. Tube forming requires the application of silicone tapes beforehand and these can also lead to problems in the manufacturing process as well as the application of glues which can also be problematic.



### With the Mailer-Pack 1 you can:

- I. Adapt your company to new developing markets.
- II. Develop your catalog and / or sales references offered to your customers.
- III. Boost your business by getting ahead of your competitors.
- IV. Increase the positive and ecological image of your business.



## How this machine work ?

As we said before, the production line starts with two paper reels with two different widths, the lower reel called here reel 1 and the upper reel called reel 2. A printing unit is also installed at the beginning of the process and traction modules are placed all along the machine to guarantee the right tension of the materials. Reel 1 goes through a set of sections, in this order: the transverse and longitudinal tracing, the folding to form the gussets and finally the form knives. The last step of the reel 1 by itself is the deposit of glue prior to the joining of the two layers of paper, the paper of the reel 2 is previously cut and then placed on the lower layer to form the bag. Two silicone strips are then applied on the closing flap as well as a strip allowing the tear between these two strips to close the bag. The last step of the machine is the application of the glue and the V-folding of the bottom flap.

## Technical characteristics

The minimum size of the bags is	: 230 x 350 millimeters.
The maximum size of the bags is	: 450 x 630 millimeters with open flap.
The minimum height of the closing flap is	: 40 millimeters.
The maximum height of the closing flap is	: 150 millimeters.
Paper gsm between	: 90 and 140 gr

The speed depends on the quality of the paper, the size and the height of the gussets. Technomatic-Group guarantees a minimum speed of 120 bags per minute and a maximum speed of 250 bags per minute.

## Electrical and electronic construction

The control of the bags in the machine is ensured by three optical sensors: the first one positioned after the feeding device, the second one after the cutting knives, and the last one before the exit wheel. In case of a problem, they stop the machine.

In order to be able to carry out quick format changes, the machine is equipped with 26 servomotors connected to the PLC. A Mitsubishi program synchronizes the entire system, allowing the operator to adjust the speed and/or positioning of all modules separately via the operating screen.

## Machine safety and compliance

A safety PLC manages the emergency stops and the sensors of the safety covers, in order to ensure the CE conformity of the machine. Many safety covers are installed on the machine to ensure the safety of operators.

## Documents supplied with the machine

A user manual in English, a spare parts book, electrical drawing and Mitsubishi program guide.

A CE certificate of conformity will be issued by Technomatic.

