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Machine is intended for semi-automatic packing of different items in a polypropylene film. In factory it is tuned up for semi-automatic packing of customer's item: soap, tea, perfumery, candies, cigarettes, etc.

Separate digital control and temperature indication for two thermo electric heaters, adjustment of cutting wire heating duration, an automatic maintenance of temperature in a prescribed limits, indication of machine heating, general and twenty-four-hour counter of packed items, microprocessor control.

Operator's duty is only a [primary splicing](#). Then operator puts an item to a transporter and presses a micro switch. Carriage pushes an item along guiding rails, along shaping side units, along hot thermo electric heaters and ejects it behind the machine, completely packed. Shaping of side flaps was fulfilled automatically. Simultaneously operator can conduct the next primary splicing. This mode when the carriage moves up to the end of tunnel, provides up to 400 packs per hour and is called a full pass of carriage.

To increase productivity up to 600 packs per hour one need to use short pass of carriage. In this case the item to be packed is pushed by the carriage for about 1/3 of the tunnel length then carriage returns to the beginning position. Then operator puts next item on transporter. The carriage again pushes the item for 1/3 of the tunnel length. In such a way the last article starts to push the previous one. Then operator repeats this action with the next article. So all boxes are collected in a queue. In case of need you can press emergency button in any step and carriage will go full tunnel length and push all boxes out.

Note: manufacture of the machine having short pass of carriage depends on the item size and is possible not for any PA-500Spec.

Machine's capabilities and operator's qualification allows to get a high quality of the packed box. The DVD containing video film with instruction on operation is applied to the machine.

Having installed on machine a tear tape [dispenser](#) (which is sold separately) you can pack [articles with tear tape](#). The tear tape is unwound simultaneously with a polypropylene film and automatically sticks to it. So, the use of this option does not draw operator's attention away from the process and does not complicate his operation.

Engineering data

Productivity in a semiautomatic mode	up to 600 packs per hour
Productivity in a manual mode	up to 200 packs per hour
Envelope shaping	semiautomatic / manual
Cutting-off of the film	automatic
Temperature range	30...220 °C
Temperature stability	± 2 °C
Electric power supply for the thermo electric heater and cutting wire	18...24 Volts
Film type	biaxial oriented polypropylene
Film thickness	20...35 micrometers
Maximal width of roll	235 mm
Maximal roll diameter	370 mm
Internal roll diameter	76 mm
Thermo shrink	as an option
Mode of operation	twenty-four-hour
Type of packing	envelope
Dimension, L * W * H	695 * 310 * 285 mm
Dimension in package	720 * 300 * 270 mm
Weight netto/brutto	26 / 27 kg
Power consumption	140 Watts
Maximal consumption current	1.01 A

Manufacture of the machine

Basic components are always available. Parts needed for your box are designed specifically and manufactured within 15 working days after concordance of all details and 70-100% prepayment. Before you call us please check compliance of your box dimensions with the machine capabilities:

- Height: 10-100 mm
- Depth: depth+height not more than 180 mm, and depth should be not less than height
- Width: width+4/3 height should be not more 240 mm

Final answer on possibility of packing on PA-500 Spec is possible only after analysis of boxes received from customer. These boxes also will be needed for us to adjust machine later.

Packing samples



