

**MENTPACK**

think "simple"

# MOTION CONTROL LIQUID FILLING SACHET MACHINE

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102MC-S

# Motion Control Liquid Filling Sachet Machine

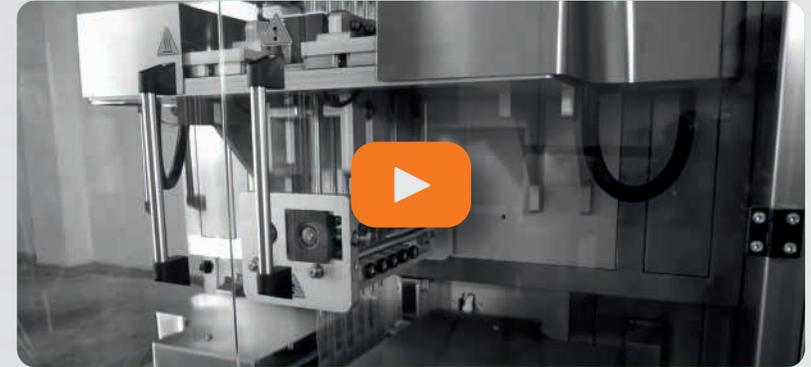


102MC intermittent type sachet machine is especially designed for liquid filling applications such as Ketchup, oil, mayonnaise, tomato sauces, paste, cream chocolate, pharma and cosmetic liquids, CBD oil.

It is a fully servo driven machine with motion controlling technology for high-speed production output.

The inhouse manufactured liquid filling nozzles have up-down motion in synchronization with other motions to fill liquids into sachets faster without splashing. With an accuracy of  $\pm 2\%$  control devices.

The output speed can reach 80-90 cycles/minute for mass manufacturer companies.



PLEASE CLICK HERE TO SEE THE VIDEO

Thanks to the non-drip shut-off nozzles, sealing area contamination will not be happening and machine will always produce non-leaking liquid sachets. More than a decade of R&D and field experiences, cutting edge gasket technology of the pump will be long lasting and trustable. Lifetime of gasket set in the plungers lasts up to 30 days at 3 shifts running. Result of that, gasket changeover time is shorter. CIP-Ready (without self-water pump and tank) or CIP Cleaning (with water pump and tank) options provides comfort and shorter cleaning time.



Above all, remote connections are free of charge for customer comfort and reducing downtimes. Premium component quality always keeps the machine up and running. 1200mm film with is the maximum web width.

## Advantages

- Widely opening vertical sealers for easy cleaning
- Unique extended life knife design
- All motions fully synchronized with the speed
- Absence of sachet burning when stopped
- Easy and precise sealing pressure adjustment
- Bespoke sealing shapes
- Bespoke sachet shapes
- Vertical perforation
- Horizontal perforation
- Tear notch
- User-friendly controls
- Worldwide branded components
- Spare parts catalogue
- 10 years plc & hmi software warranty
- I/O test manual facility
- Servo motor liquid pump (0.01mm precision – 100mm/sec speed)
- Maximum volume precision in a single piece actuator
- Food grade quick release fittings
- Teflon tubes
- Actuator heating on double-jacket filling system

## Speed

80-90 cycle per minute

\* Given capacities is defined by the machines running in the factories of our customers. Actual capacity can be different depends to product type, film quality and filling weights.

\*\* Capacity information is given as the number of cycles in a minute. Total production capacity of the package is determined by multiplying the number of cycles and the number of lines.

## Technical Specifications

- |                    |                 |                      |                               |
|--------------------|-----------------|----------------------|-------------------------------|
| ● Min. pack width  | <b>40 mm.</b>   | ● Energy consumption | <b>3,5 kW/h</b>               |
| ● Max. pack width  | <b>150 mm.</b>  | ● Air pressure       | <b>6-8 Bar</b>                |
| ● Min. pack length | <b>50 mm.</b>   | ● Air consumption    | <b>250 liter/min.</b>         |
| ● Max. pack length | <b>180 mm.</b>  | ● Electricity        | <b>3P+N+PE 220 VAC/110VAC</b> |
| ● Max. roll width  | <b>1000 mm.</b> | ● Weight             | <b>3000 kg.</b>               |



**Mentpack**; the widest range of stick pack, sachet and VFFS machines manufacturer company globally. From entry level to advanced models creates the number one company in the world having both entry level and worldwide brands as its customer. Over 25 years of hard working and experience starting from 60 sqm with 2 technicians brought Mentpack on the table considered and compared with its global competitors.

The vision of simplicity in design without losing any efficiency or durability made Mentpack machines more and more popular in the worldwide market.

The new era in Mentpack history has been started to become stronger with the dynamics of German engineering excellence. Flexibility and fast Turkish manufacturing technology is now meeting with the excellence of German manufacturing system.

## think "simple"

### A philosophy behind it...

It is rather challenging to simplify the complexity. But that's always the goal we want to achieve.

We believe the real value is not to make things complicated in the new world today. Time is flying and we need to catch as many things as possible every single day.

So, Mentpack decided to apply simplicity with intelligence to all its machines and to create a new philosophy then follow it which is designing all the complexities with a focus of simplifying in our machines.

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think "GREEN"

We do not print this catalogue to save; 8.1 lt. of water, 10 lt. of oil, %1.3 of a tree and %0.5 enough breath for a person.