

# APO-11-3TRSF

**Automatic Teabag-jack packing machine optional Flow-pack machine for overwrapping teabags into cellophane  
12 load cell-weighting system**

## **Operating Range.**

The automatic Tea-jack machine APO-11-3TrSF 3 lines is designed for packing tea into heat sealed filter paper tea-jack bag with gussets on each side with tag. It is possible to use Flow-pack machine for overwrapping teabags into cellophane.



Thanks to this machine you are in a position to produce exclusive product especially to hotels, restaurants or tearooms.

One can diversify range of production,

The gussets in teabags enlarge the space of infusion,

Then you pack flavoured and good quality tea blends, aromatic herbs or pharmaceutical infusion you are in a position to protect aroma using overwrapping teabags by means of Flow-pack machine.



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# APO-11-3TRSF

## Characteristics

- convenient operation,
- easy changing of parameters,
- easy setting of dose of tea,
- possibility packing different teas,
- friendly for personnel configuration of operation screen,
- full error diagnostics,



## Structure

### Automatic Teabag-jack packing machine

All components of APO-11-3TrSF 3 lines machine is placed on self-supporting steel frames covered by protections. The weigher is situated on separate steel frame. All machines elements having direct contact with packed product are made of materials approved by the State Institute of Hygiene (PZH).

This machine is equipped with case-by-case temperature regulation of sealing elements and variable adjustment of speed.

The breakdown cases are appeared and described by the display.





# APO-11-3TRSF

## Main components

- Packing material unwinder
- Guide rolls
- 3 lines sleeve moulding system
- Vertical sealing system
- Horizontal sealing system
- Main drive with regulation of working speed : 10-30 cycles/ min.
- 12 load cell-weight dosing system(4 load cell-weight for each line)
- 3 store tanks of tags
- Tag downloading system
- Tag feeding system
- Heat sealing of tag to sachets
- Feeding conveyor of sachets to flow-pack
- control cabinet



# APO-11-3TRSF

**Flow-pack** is designed for packing products into hermetic bags.

- Leading conveyor,
- Receiving conveyor,
- Mechanism of cross-wise heat sealing and cutting and its drive,
- Mechanism of grippers drive,
- Upper gripper s unit,
- Lower gripper s unit,
- Unwinding system,
- Forming unit,
- Longitudinal sealing system

## Specification

### 3 lines packing machine

Packing material for teabags:	heat sealed filter paper 16.5gram/m <sup>2</sup>
Width of roll of packing material	-420mm
Diameter of material reel	-500mm
reel core diameter	-75mm
number of reel installed on machine	1 reel
Width of packing material for 1 line	-140mm
Dimensions of bag with tag	50mm x 135mm
Bag weight	4 gram
Tea or fruit tea with fraction dimensions	- 4 mm
Max. Volume of product	- 13cm
Overwrapping material:	
Polypropylene foil	
Thickness	25 m
Width of overwrapping material	-150mm
Diameter of material reel	-350mm
reel core diameter	-75mm
number of reel installed on machine	1 reel
Dimensions of overwrapped bag with tag	54mm x 170mm
Dimensions of tag	50mm x 100mm
Efficiency:	
Theoretical output	max.100 Pcs/min



# APO-11-3TRSF

## Engineering data

- |  |                           |
|--|---------------------------|
| 1. Power supply;                             |                           |
| - electrical energy                          | 3 x 380/220 V 50(60) Hz,  |
| - installed power                            | 8.5 KW ,                  |
| - compressed air                             | 6 bar,                    |
| - air consumption                            | 2.5 m <sup>3</sup> /hour, |
| 2. Dimension of machine                      | 2200mm x 4000mm x 3500mm, |
| 3. Weight                                    | 2300 kg,                  |
| 4. Service                                   | 1 person                  |
| 5. collection and packing into boxes by hand | 2 persons                 |



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