

AS-20SP-200

Automatic packing line for packing round teabags into plastic pouches with zip keep system.

Application

The automatic packing line AS—SP-200 is designed for packing round teabags of black and fruit teas into plastic pouches. The machine is equipped with unit adding the zip keep to pouches. This line consists from 2 parts:

- AS-20 automatic round teabags machine
- SP-200 automatic packing machine into pouches.



Technical/operating data

Power supply

3 x 380V/ 220V 50HZ

Compressed air supply

6 bar

Installed power

13 kVA

Compressed air consumption

2 m³/h

Overall dimensions

- AS-20 with conveyer
- SP-200

– 3500mm x 1600mm x 2500mm
– 1500mm x 6500mm x 2500mm

Weight

- AS-20
- SP-200

– 800kg
– 1500Kg

Service

- person

Collection of product

– 1 person



[http://: www.milfex-masz.com.pl](http://www.milfex-masz.com.pl)



AS-20 SP-200



Tea bags:

- packing material
 - filter paper
 - $\varnothing 55; 58; 60\text{mm}$
 - 2g
 - depend on the shape of bags, it is possible to make as “circle” as “eye” and as “tear”
- diameter of round teabag
- weight
- width of packing material
- reel diameter
- reel core diameter
- quantity of reel of filter paper
 - max 500mm
 - $75\text{mm} \pm 1\text{mm}$
 - 2pcs.

Pouches

- material
 - lacquered paper + aluminum + polyethylene, laminar foil
- width is depend on the volume of pouch
- dimensions of pouches is depend on the quantity of teabags, for 25 pcs

Efficiency

height – 210mm
width – 150mm

AS-20

- cycles
- speed

– 5 lines machine,
40-150 per minute
max 750 teabags/min.

SP-200

- speed

max 30 pouches/min



AS-20SP-200

The Structure

AS-20SP-200 line consists of 2 parts



I. AS-20 automatic sachet machine for packing of tea

Basis components:

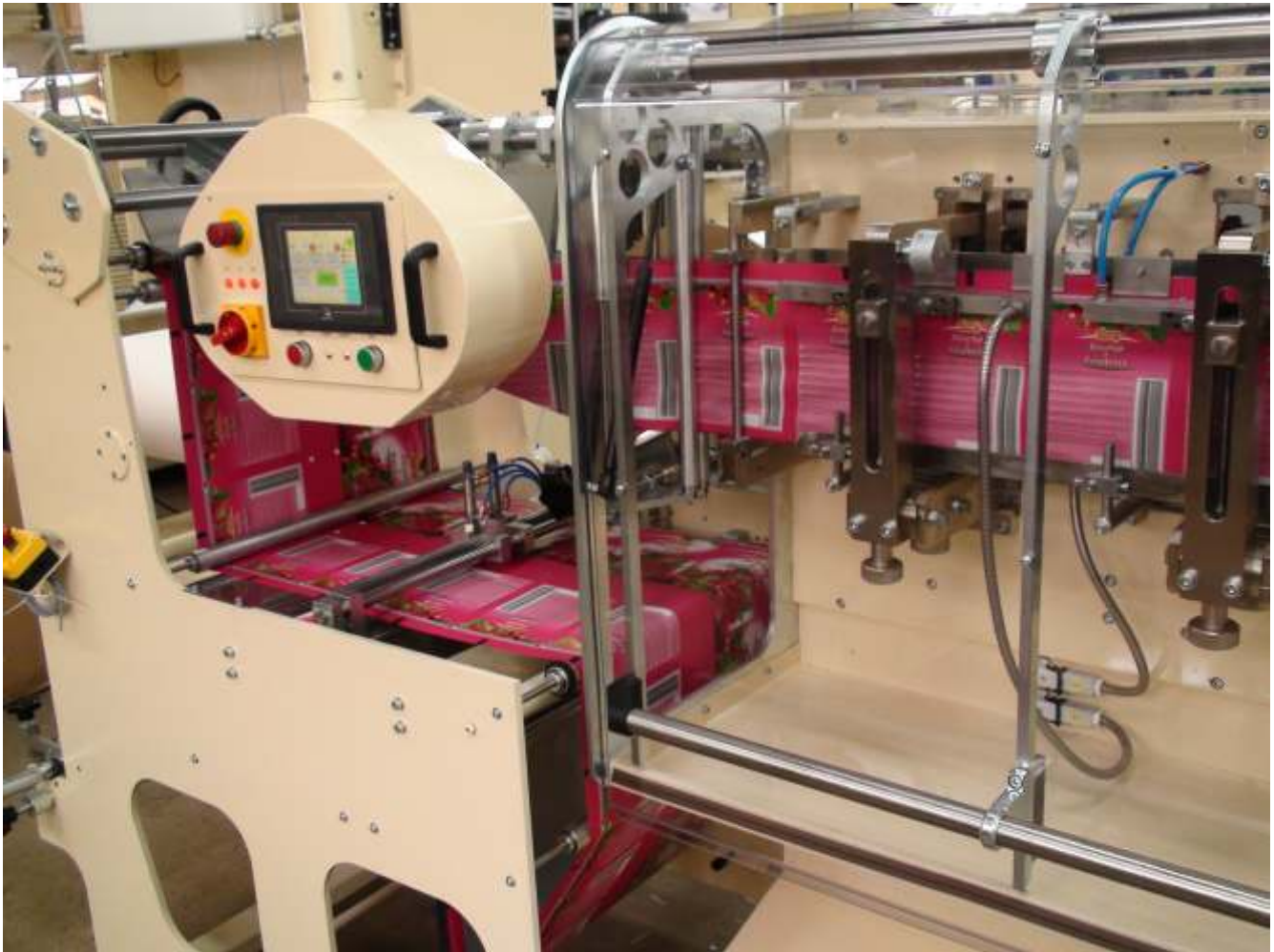
- 2 unwinders of packing material
- guide roller system
- Volume adjustable feeder
- Sealing system
- Cutting die
- Steering box
- Main driving system with speed regulation providing the output of 40-150 cycles per minute.
- Batcher conveyer to 25 pcs making possibility to 25 pack into boxes by hand also
- Control panel

All basis components are placed on the steel construction covered by protections. The components contacted with product are made with materials having the health certificate. They are easy demountable for cleaning.

The machine is equipped with case-by-case regulation of temperature of sealing elements and regulation of speed system. The breakdown cases are appeared and described by the display.



AS-20SP-200



II SP-200 automatic packing machine into pouches

Basis components:

- unwinder of packing material
- blanking die 2 holes for strengthening the bottom forming module
- photoelectric cell system
- horizontal sealing system
- adding sealing system
- transfer of pouches system
- dosing of tea bags (25pcs_ into pouches system
- upper horizontal sealing system
- conveyor
- steering box
- control panel

All components are placed on self-supporting steel frame covered by protections. The components contacted with product one easy demountable for cleaning. The machine is equipped with case-by-case regulation of temperature of each sealing jaw and variable adjustment of speed. The breakdown cases are appeared and described by the display.



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