

Twinkle™

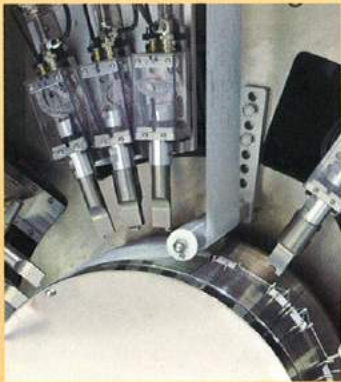
PYRAMID SHAPED TEA BAG MACHINE



TSUBAKIMOTO KOGYO CO.,LTD.

TEA BAG MANUFACTURING MACHINE

TPB-200



Ultrasonic sealing of the thread, filter and tag



Longitudinal seal/cutting of the string filter

ADVANTAGES

- High speed machine (200 bags/min.)
- Automatic thread & tag attachment (Thread length maximum 145mm)
- Highly efficient volumetric dosage feeder by touch panel
- Faulty bag ejection by sensor monitoring
- Ultrasonic sealer & cutter operated via the servo motors ensure stable sealing of filter material/thread/tag.
- A lengthy and continuous operation is possible as the tag paper, filter and thread will hold for a long time.

SPECIFICATIONS

Output : 200 bags/min.

Filter Materials : Woven & nonwoven ultrasonic sealable materials

Bag Size : Drum A type : 55×55, 55×60

(A side length) Drum B type : 55×60, 60×60, 60×65

Drum C type : 65×70, 70×70

Dosage : 2.96 - 18.9 CC

Electricity : 200V, 3-phase, 38kVA (Consumption)

Air Consumption : 800NL/min. (more than 0.5MPa)

Net Weight : 3,000KGS

Standard Accessories : • Safety cover & automatic safety stop with alarm

• Static electricity remover

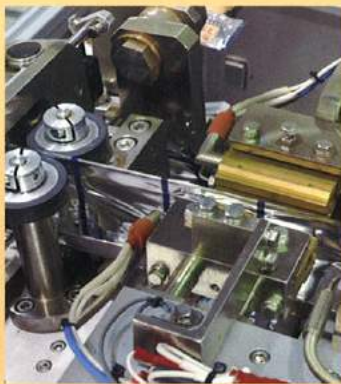
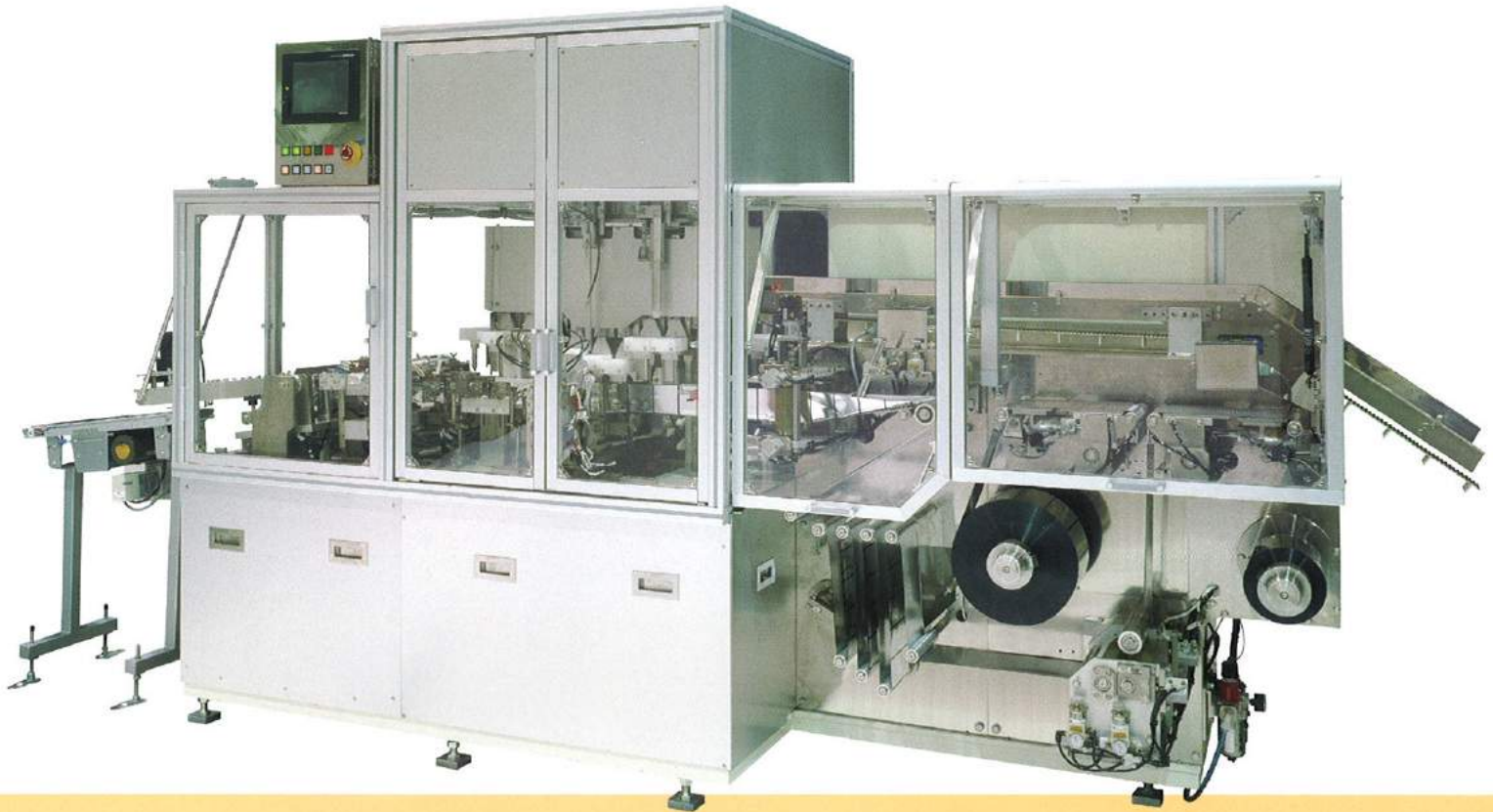
• End detectors for filter, thread & tag paper

Optional Accessories : • Weight checker (data exchange with the machine)

• Counting & stacking unit

TEA BAG ENVELOPING MACHINE

TEB-200



Sealing & cutting of envelope

ADVANTAGES

- Compact envelope size (70mm × 80mm) with less material consumption
- Nitrogen gas fed in by the plunger drives out oxygen and creates a bag with residual oxygen level of 3-5%.
- The film is automatically replaced with new one.

SPECIFICATIONS

Output : 200 envelopes/min.

Bag size : 70mm(W) × 80mm(L), Sealing on 3 sides

Electricity : 200V, 3-phase 15kVA (Consumption)

Air Consumption : 200NL/min. (more than 0.5MPa)

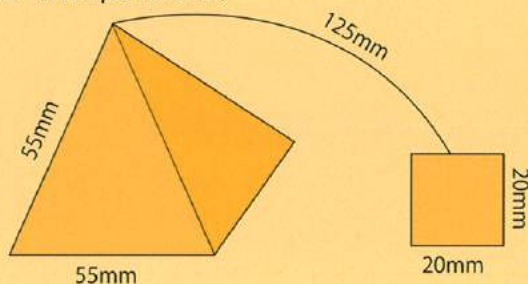
Net Weight : 2,000KGS

Standard Accessories : • Automatic packaging material changer

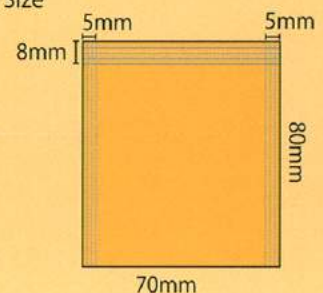
Optional Accessories : • Printing device on the packaging materials

PRODUCT DATA

■ Tea Bag Size (Example : DrumA)

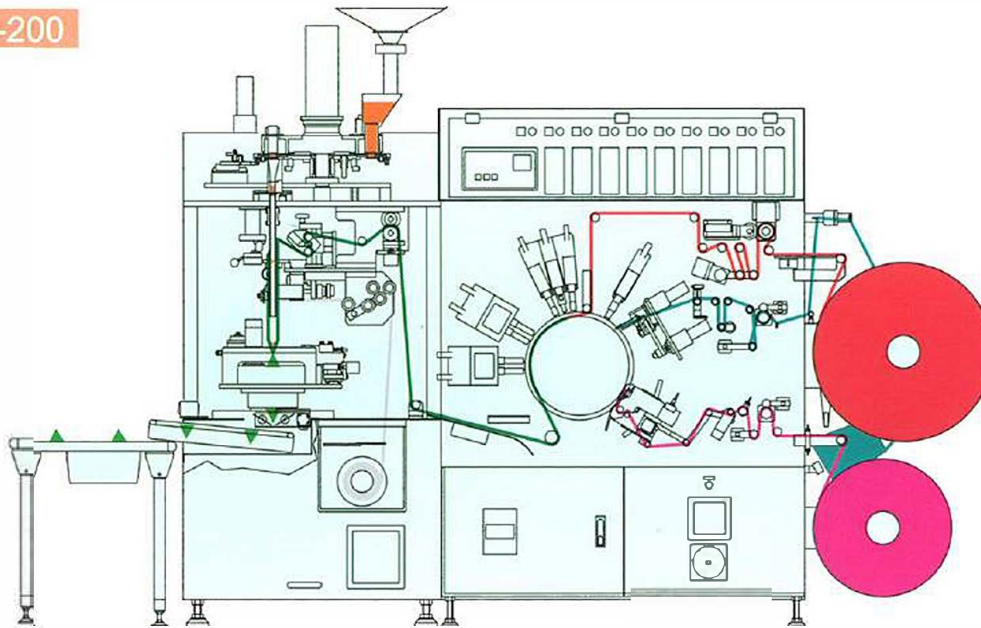


■ Envelope Size



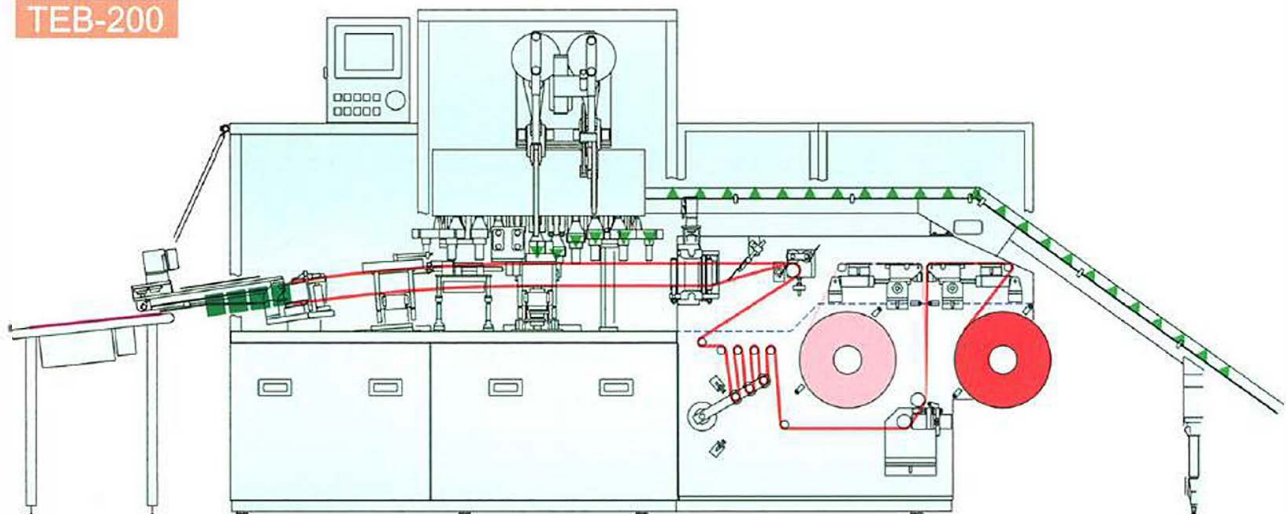
OVERALL DIMENSIONS

TPB-200



[Outer dimensions : 3,450(L)×2,700(H)×1,150(W) mm]

TEB-200



[Outer dimensions : 4,400(L)×1,850(H)×1,000(W) mm]

The TWINKLE teabag manufacturing machine model TPB-200 is the most advanced high speed teabag manufacturing machine on the market. It makes pyramid type as well as single chamber type teabag with thread and tag at a speed of 200 tea bags per minute. The machine is equipped with servo motor operated ultrasonic sealers, and a rotary volumetric feeder, both of which ensure stable quality and high productivity. The TEB-200 enveloper can be connected and synchronized with the TPB-200, thus both machines are combined to make a highly efficient automatic teabag production line. The TWINKLE teabag manufacturing machine was developed based on TSUBAKIMOTO's 90 years of experience in the machinery industry, and state of art technology.



TSUBAKIMOTO KOGYO CO.,LTD.