

**Introduction**

STB-50X Pyramid Tea Bag Packing Machine Unit is applied to pack pyramid tea bag with envelope outer sachet. The machine unit is composed of three parts:

- STB-50 Pyramid Tea Bag Packing Machine Unit
- Connecting Elevator System
- STB-X Envelope Outer Bag Packing Machine

Mechanical design is mostly adopted in this machine solution design. It could ensure the fast packing capacity as well as stable running performance. Ultrasonic sealing function offers best sealing result for the **Nylon Netting Film** and **PLA Biodegradable Film**. The unique machine design allows the machine unit to form both Flat Type Bags and Triangle Type Bags freely.

**Application**

The machine unit is widely applied to pack green tea, black tea, herbal tea, granule tea, mixed tea, flower tea, healthy tea, fruit tea products and ground coffee products as per customer's requirements.

**Key Advantages**

- Triangle Tea Bag or Flat Tea Bag
- Low machine price
- Low spare parts costs
- PLC Control + HMI Operate
- Easy to maintain
- Professional Four Heads / Six Heads Tea Products Weighing Filling System
- Ultrasonic Heat Seal
- Low maintenance costs
- Made in China typical design
- Easy to operate
- Compact size design

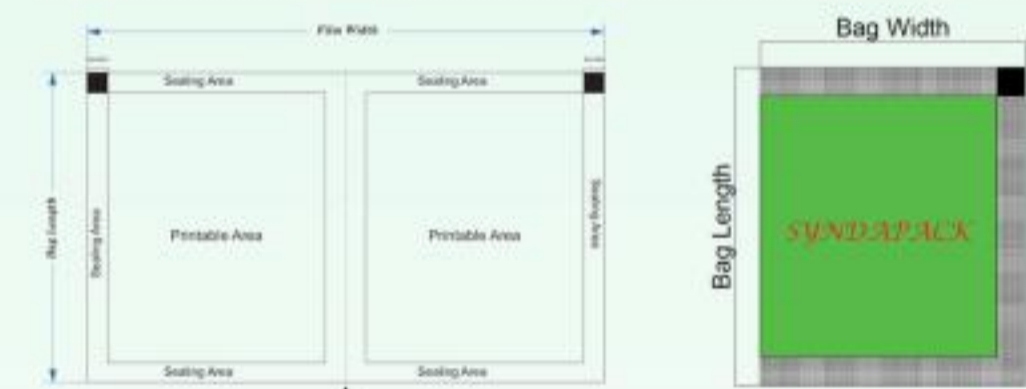


**Technical Parameters**

Machine Model	STB-50X
Packing Weight	1~5g/bag   Accuracy ≤ ±0.2g/bag
Packing Speed	25 ~ 35 Bags per Minute
Inner Bag Film Width	120mm   140mm   160mm   180mm
Inner Bag Sealing Type	Ultrasonic Sealing
Outer Bag Film Width	140mm   160mm   180mm   200mm
Outer Bag Sealing Type	Heat Sealing Bar
Power Supply	AC220V 50 Hz 1 Phase 3.7KW
STB-50 Machine Size	1200mm x 900mm x 1300mm
STB-X Machine Size	1143mm x 760mm x 1500mm

**Standard Tea Bag Size Proposal**

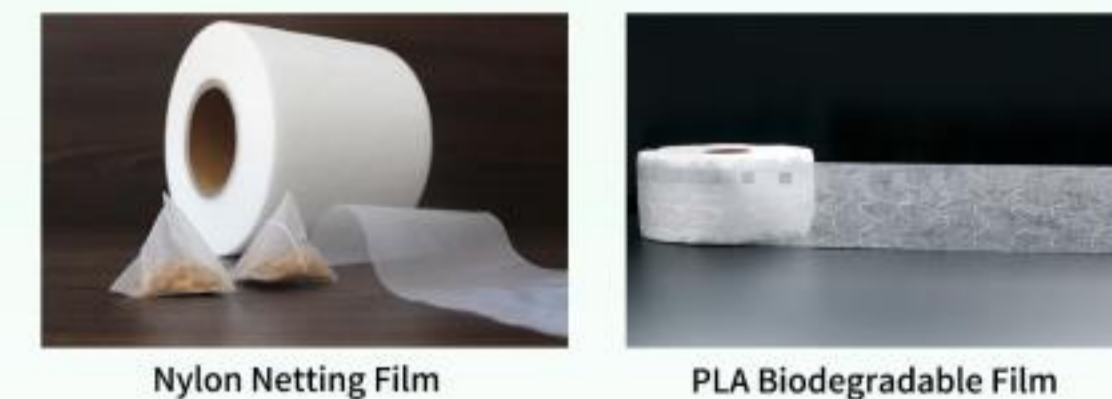
Inner Bag Film Width	Inner Bag Seal Width	Outer Bag Film Width	Outer Bag Size
120mm	45 ~ 48mm	140mm	70mm x 105mm
140mm	55 ~ 58mm	160mm	80mm x 105mm
160mm	65 ~ 68mm	180mm	90mm x 105mm
180mm	75 ~ 78mm	200mm	100mm x 105mm



**Available Tea Bag Types**



**Packaging Materials**



The STB-50X machine unit could make five types of tea bags according to the requirements. Each tea bag type could adopt Nylon Netting Film or PLA Bio-degradable Film to form the bag. If the client do not need outer sachet bag, they could choose STB-50 machine unit with the weighing system directly to pack. Automatic tea bag counting system could also be applied.

