



ZSBS-I Straight Line Suppository Filling and Sealing Machine



ZSBS-I model suppository filling and sealing machine that has been developed for the production of suppositories in PVC, PVC+PE. Its working is completely automatic, pneumatically based, controlled by a programmable logic (PLC).

Work principle:

Rolls of bits and pieces of plastic materials (PVC, PVC/PE) is formed with plastic-blowing methods above atmosphere pressure in suppository shell manufacturing machine, automatically enters embedment process.

After the mixed medicinal liquid automatically embed into the empty shell through high precision measure pump it is cut into bars of equal length fragment. Through setting in low temperature for a certain time, liquid-solid translation, it is charged into solid grain. Through process of plastic, seal, printing lot number and cutting, the finished product of suppository is made.

Technological Character:

1. Plugged embedment, accurate position, no drops of medicine, not covered on the bottle and high precision measure.
2. Wide applicability, gelatin medium and traditional Chinese medicine with extremely difficult can be imbedded.
3. PLC programmable control and industrial men-computer operation, high degree automation, easy adjustment, high precision temperature control, reliable work and smooth operation.
4. Large capacity of liquid reserve, constant temperature, automatic control of mixing and surface of liquid.

5. Low position of medicinal packing, low labor intensity. Heat preservation equipment of circulation liquid supply and pipe, guaranteeing the medicinal liquid not become solid not become solid when the machine stops.

6. Small area, easy operation.

Technical Parameter:

Output	6,000-10,000 suppositories/h
Center Distance of Bullet	17.5mm
Center Distance of Duck Bill	26.25mm
Dosage per suppository cell	1-5g/cell
Allowable Error of granular weight	± 2%
Volume of storing fluid vessel	50L
Height of feeding	1600mm
Total Power	13KW
Air Pressure	0.6Mpa
Air Consumption	1.5M3/Min
Water Consumption	600L /h be used in circle
Total Weight	2000kg
Overall Dimension	3500*3000*2500mm --6900×1500×1700mm
Shape of suppository	Bullet form, torpedo form, duck-mouth form and other special form.