

ZS-U

Suppository Filling and Sealing Machine

Description:

ZS-U full auto suppository machine group is developed by our company by digesting and absorbing international advanced technology and bonding the internal suppository producing practice which unites the machine, electricity and gas. This product can replace the imported equipment, in internal advanced level, and we have applied for the national patent for it. This subassembly can be adapted to producing suppository of plant physic of various groups, various gluing degrees and various forms.

Working principle

The rolled plastic sheet material (PVC and PVC/PE) is pressed positively to blow and make a statue to take shape, and enter into filling procedure automatically, stirred equally drug fluid is filled to nutshell automatically through high precise dosing pump, and is sheared into multi-strip segment. Then it will become solid cork granulation through much time stereotypy which will realize conversion from fluid to solid. At last, it will be produced to end product suppository by mending form, sealing, beating batch number and shearing working procedure.

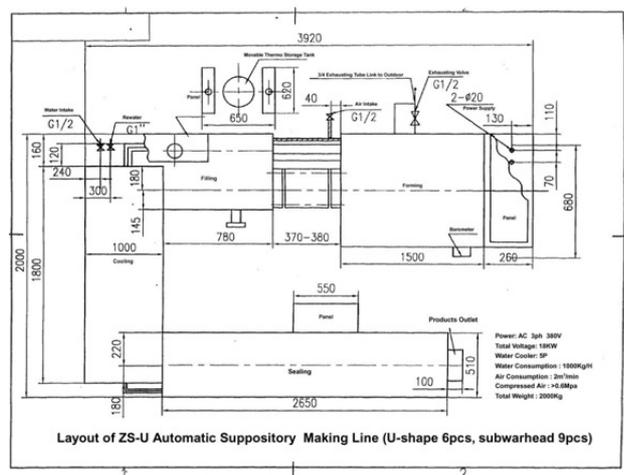


Technical characteristics

Central distance:

- a. Bullet head (torpedo): 17.5mm;
- b. Duck mouth: 26.25mm

- Using inset filling, accurate in position, non-dribbling drug, non-hanging wall, high precise in counting
- Widely used in suitability, can be used to fill high gluing degree gelatin group and the traditional Chinese medicine ware
- Having big volume storing fluid vessel, laying home thermion/stirring and fluid surface auto control assembly
- Relieving worker's physical labor strength for lower position of filling drug fluid, laying cycling to supply fluid and keeping thermo equipment of channel pathways, and it will ensure drug fluid not be coagulated when machine stops.
- One side operation and better sight



Main Technical Specifications	ZS-U
Production capacity	6,000-10,000 pcs per hour
Dosage per granulation	1-5g per granulation (also can be made special qualification)
Dosage difference allowed	+/-2%
Suppository form	bullet form, torpedo form, duck-mouth form and other special form
Adapting group	demi-synthesis fatty acid lipo-glycerol, glycerol gelatin, polyethylene glycol, etc.
Volume of storing fluid vessel	50L
Height of wadding	1,400mm
Electric pressure of power	three-phase AC 380V
Total power	13kW
Air pressure	0.6MPa
Air supply	1.5m ³ /min
Volume of consuming water	1,000kg/h (used in circle)
Overall size (L x W x H)	3,390 x 2,800 x 1,700mm
Weight of overall machine	2,000kg