

Vitamin C Effervescent Tablet Bottle Tube Filling Packing Machine ZPP-40A



The ZPP-40A Tablet Bottling Machine for bobbin bottles is applicable to the packing of bigger and thinner tablets which are orderly fed into bobbin bottles/tube in a single row in an overlapping way. The device utterly adopts a PLC for centralized control. It is verified in fiber and photoelectric detection and other kinds of detection to have steady performance and reliably automatic operation. It can automatically give alarms and shut down in case of no tablets, bottles or covers. Its part in contact with the tablets is made of superior 316 stainless steel. Which can fully requirement of GMP.

Composition and Function

1. Cap Vibrating System: Loading cap to hopper by manual, automatically arranging cap to rack for plugging by vibrating system.
2. Tablet feeding system: Put Tablet into hopper by manual, vibrating and sending tablet to channels automatically for packing preparation.
3. Tube feeding unit: put tube into hopper by manual, shaking system will send tube to rack automatically. Tube direction should be checked by manual before put into hopper.
4. Cap Pushing unit: When tube get tablet, cap pushing system will push cap and close tube automatically, no tablet no capping, no tube no capping.
5. Electronic Control Section: This machine is controlled by PLC, cylinder and stepper motor. with automatic multi-function alarm system.

Working process

1. Put Tablet into hopper by manual - Tablets enter the screening tablet section-Automatically arrange tablet into orbit - Automatically enter the loading position.
2. Manually put the bottle in one direction into the bottle bucket - Automatic bottle feeding to filling position.
3. Loading cap to hopper by manual - Auto-tidy lid-Entering the gland position.
4. The machine automatically completes the filling tablet into the bottle, and gland.

Technical Parameter

Model		ZPP-40A
Capacity		1800-2400 bottles/hour
Adapt to the range of specifications	Tablet diameter	Φ25mm
	Table thickness	6mm
	Loading quantity	10~20 pieces
Power (Kw)		1.5
Voltage		220V
Pressure		0.5~0.6MPa
Consumption		0.28m ³ /minute
Weight		480kg
Dimension (L*W*H)		2400mm*1600mm*1800mm