

ZPS-8/10/18 Rotary Tablet Press Machine



This machine is an intelligent small rotary tablet press machine. It can apply to the R & D centers of pharmaceutical industry, laboratories and other small batch production of tablets.

It uses PLC control system; touch screen can display working turntable speed. It can set the system pressure, filling depth, pre-press, thickness and capacity of tablets, can display the working status of each punch in immediate working pressure, and can set the average pressure of punches. The impeller speed of forced feeder also can be displayed. It can display the contents of emergency stop, motor overload, system overpressure and other faults.

Characteristics:

1. It is a single –sided press machine. Use ZP dies, can press granular raw materials into round tablet and a variety of special-shaped pieces.
2. There are two features, pre-pressure and main pressure that can improve the quality of the tablet.
3. Adopts PLC speed regulating device, convenient operation, safe and reliable.
4. PLC touch screen has a digital display, if connected with USB ports, enabling tablet operating state data collection.
5. The main transmission structure is reasonable, good stability, long service life.
6. With a motor overload protection device, when the pressure overload, can shut down automatically. And have overpressure protection, emergency stop and strong exhaust cooling devices.
7. Stainless steel external casing is fully enclosed; all spare parts to be in contact with the materials are made of stainless steel or surface treated specially.
8. The compression area is enclosed with transparent organic glass, can fully open, easy to clean and maintain.
9. Optional forced feeder or ordinary feeder.

Technique Parameter:

Model	ZPS-8	ZPS-10	ZPS-18
Dies (sets)	8	10	18
Type of Tooling	1'D	1'D	1'D
Max. Pressure (kn)	80	80	60
Max. Pre-Pressure(kn)	10	10	10
Max. Tablet Diameter (mm)	22	22	16
Max. Filling Depth (mm)	17	17	17
Max. Thickness of largest tablet (mm)	6	6	6
Max. Turret Speed(r/min)	5-30	5-30	5-30
Capacity (pcs/hour)	14400	18000	32000
Motor Power (kw)	2.2	2.2	2.2
Overall dimensions (mm)	750×660×1620		
Net weight(kg)	780		