



ZPS Series tablet press



This machine is an intelligent small rotary tablet press. Can be used for pharmaceutical industry R&D centers, laboratories and other small-scale tablet production.

PLC control system is used; The touch screen can display the operating speed of the rotary table. It can set the system pressure, filling depth, pre-pressure, tablet thickness and capacity, can display the working status of each punch at the instantaneous working pressure, and can also set the average pressure of the punch. The rotation speed of the forced feeder impeller can also be displayed. It can display the contents of emergency stop, motor overload, system overvoltage and other faults.

Characteristic:

- Single-sided pressing machine. Using the ZP mold, granular raw materials can be pressed into round tablets and various shaped parts.
- There are two features, pre-pressure and main pressure can improve the quality of the tablet.
- Adopt PLC speed regulation device, easy operation, safety and reliability.
- The PLC touch screen has a digital display, if you connect to the USB port, you can collect the tablet's operating status data.
- The main gear has rational structure, good stability and long service life.

- With motor overload protection device, when the pressure is overloaded, it can shut down automatically. And has overvoltage protection, emergency stop and strong exhaust cooling device.
- Stainless steel body is completely enclosed; All parts in contact with the material are made of stainless steel or have a special surface treatment.
- The compression area is covered with transparent plexiglass, which can be fully opened, easy to clean and maintain.
- Either forced feeder or normal feeder are available.

Technical Parameters:

Model	ZPS-8	ZPS-10	ZPS-18
Form (set)	8	10	18
Equipment type	1'D	1'D	1'D
Max. pressure (kn)	80	80	60
Maximum valuePrepressure (kn)	10	10	10
Maximum value Tablet diameter (mm)	22	22	16
Maximum value Filling depth (mm)	17	17	17
Maximum valueMaximum tablet thickness (mm)	6	6	6
Maximum value Column rotation speed (rpm)	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 t(kg)	780		