

ZP-33F Rotary Tablet Press



That machine is the latest High Speed Rotary Press Machine in current industry, which development and innovation basis on board and at home technical by our factory; with high speed and high capacity and used to various normal or abnormality tablets pressing; It's the best choice for large Industries of Pharmaceutical, Chemical, Foodstuff, Plastic Electronic producing.

Working Principle:

The upper portion of the machine is of an integral construction for tablet operation which consists of three parts, i.e. Upper Punches, middle Dies and Lower Punches. 33 sets Punches & Dies are arranged evenly around the periphery of turret. The ends of upper and lower Punches are located on the fixed camber tracks and the upper and lower Punches will make up-and-down motion along the tracks when the turret makes rotational movement so as to achieve the goal of tablet.

The four main working procedures, i.e.

- (1) Feeding
- (2) Filling;
- (3) Pressing tablets;
- (4) Tablets output. It can be carried out continuously are available for filling and tablet so that the machine is simple in operation.

Functions and Features:

- The machine designed for fully enclosed structure; it has the advantage of good appearance in design, high efficiency, lower energy consumption and etc.
- The material contact parts is made of stainless steel, the surface of turntable deal with polished to prevent cross pollution which meet the GMP requirements.
- It was equipped with Plexi-glass perspective window for tablet producing observation Eacwoning and maintenance.

- Driving system is equipped with oil box and running under oil, easy for heat dissipation and durable, non-pollution.
- It adopts import frequency timing, with hydraulic system.
- With the Over-loading protection.

Technical Parameters

Model	ZP-33F
Quantity of punch dies (Set)	33 Sets
Maximum tablet pressing force (KN)	80
Maximum punching depth (mm)	17
Maximum tablet diameter (mm)	20 (irregular 16)
Maximum tablet thickness (mm)	7
RPM	16-36r/min
Maximum productivity	50000-133000 tablets/hour
Power of main motor (kW)	380V, 50HZ, 3KW (220V 60HZ)
Overall Dimension (mm)	1300*1200*1750
Weight of main machine (kg)	1500