

## ZP11/ZP18 Rotary Tablet Press Machine

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ZP11/ZP18 Rotary Tablet Press is used in electronic industry, food industry, chemical industry, articles of everyday use industry and pharmaceutical industry, for pressing various granular raw materials into special shaped tablets. Such as electronic element, camphor ball, catalyst and powder metallurgy.

### **Introduction:**

1. This machine is the single-pressing type equipped with 11 (18) sets of punch dies which are mounted on the workbench and reciprocate upward and downward along the curved guide rail to realize the actions needed for tablet pressing.
2. The operational flow of this machine is: material feeding, filling, tablet pressing, and tablet exporting, continuously.
3. This machine is powered by motors. Through frequency-converting speed adjustment and triangular belt wheel, the work-gear case can be driven, causing the main axle and turret to move clockwise.
4. Rolling friction is adopted in the pressing wheel whose working pressure can be adjusted based on different needs. Buffer device is also available to prevent the machine from being damaged due to mechanical impact and to elongate the machine's service life.
5. Periphery of the machine's working chamber is closed to meet the GMP requirements. Powder-absorbing orifice is installed on the bench surface to purify the working chamber.
6. Thickness of the pressed tablets, working pressure, filling amount, and rotational speed of the workbench are all adjustable. Detailed operations are directed on the operational panel to realize convenient adjustment and easy operation.
7. Material-feeding device is composed of hopper and moon-shaped grate material feeder. The hopper is mounted at top of the machine and can be dismantled. Large-amount single-variety production does not necessitate changing configurations of the machine's parts. The materials can be directly inputted into the feeder by pipes from the machine's top, making the operation very convenient.

**Specifications:**

<b>Model</b>	<b>ZP11</b>	<b>ZP18</b>
Number of Stations	11	18
Max Main Pressure (KN)	100	
Max Tablet Diameter (mm)	45	30
Max Filling Depth (mm)	45	30
Max Tablet Thickness (mm)	20	12
Max Turret Speed (r/min)	12	20
Max Production Capacity (pcs/h)	7920	21600
Motor Power (kw)	5.5	
Overall Size (mm)	1100×1000×1900	
Machine Weight (kg)	2000	