

ZP265 Series Rotary Tablet Press



Application

- A small-sized automatic continuous rotary type tablet press, this machine is mainly used in the tablet production in pharmaceutical factories, laboratories in colleges and universities, medicine research institutes, hospitals, pharmacies, etc. The machine is also applicable to foodstuff, electric cell, chemical and ceramic industries to press the granular material into tablets.
- The machine is suitable to the granular materials that contain less 10% of powder (over 100 mesh). It is not applicable for semi-solid, damp, moisture-absorptive and non-granular materials with low melting point.
- The machine is applicable for pressing of 4 - 22 mm round, letter-engraved or shaped tablets.

Feature

1. The machine is a single-press type. The outside part of the machine is fully enclosed. It meets the GMP requirement.
2. Install pre-pressure and main pressure.
3. Main shaft drives and the speed is adjusted by Frequency Conversion.
4. Advanced turbine retard.
5. There are thrust shaft and lubricate shaft on turret.
6. Numerical show
 - A. Show present main pressure (Max. pressure 80 KN)
 - B. Show present tablet thickness
 - C. Show present filling depth
 - D. Show present pre-pressure roller position
 - E. Show present speed of turret
7. Touch Screen Operation
8. Protecting and reporting function

- A. Protecting and reporting for motor breakdown
- B. Protecting and reporting for over pressure
- C. Protecting and reporting for loading and unloading lower punches
- D. Emergency stopping function

Main Specifications

Model	ZP25	ZP18	ZP23	ZP27	ZP30
Number of stations	25	18	23	27	30
Punches&Dies Standard	ZP	D	B	BB	BBS
Production capacity (tablets/h)	22500-67500	12900-38800	16500-49600	24300-78900	27000-81000
Max. main pressing force (kN)	80				
Max. pre-pressing force (kN)	10				
Max. diameter of tablet (mm)	13	25	18	12	11
Max. thickness of tablet (mm)	8				
Max. filling depth (mm)	16	18			
Rotating speed of rotary table (rpm)	15 ~ 45	12 ~ 36		15 ~ 45	
Diameter of die (mm)	26	38.1	30.16	24	22
Height of die (mm)	22	23.8	22.22		
Diameter of punch (mm)	22	25.35	19		
Length of punch (mm)	115	133.35/133.6			
Upper punch feed depth (mm)	4				
Power of main motor (kW)	380V, 50/60Hz, 3Ph				
Overall dimensions (L x W x H)	700*750*1500				
Weight (Kg)	650				