



## *ZP10 rotary tablet press*



The machine is a compact intelligent rotary tablet press, for the pharmaceutical industry drug development centers, laboratories and other tablets of small batch production.

### **Structural features:**

1. Single compression, single out the film. Use IPT die can be granular materials into round tablets and a variety of special-shaped pieces
2. There are two main pressure preload and compression capabilities, can improve tablet quality.
3. Working under the turret punch die with dust device, which can effectively prevent dust entering the lower guide rail, to avoid hanging the red, help extend the service life under the guide rail.
4. The use of variable frequency stepless speed control device, easy to operate, safe and reliable.
5. The use of PLC programming and touch screen, you can easily and intuitively display and set various parameters.
6. Digital Display Working turntable speed, tableting pressure, filling depth, pre-tableting thick, thick primary tableting and production.
7. The main transmission reasonable structure, good driving stability, long life
8. equipped with a motor overload protection device, when the pressure overload, can automatically shut down. Pressure overpressure protection, emergency stop device, strong ventilation cooling device.
9. The enclosing shield is fully enclosed, made of stainless steel countertops with stainless steel interior, where the parts in contact with the drug are made Stainless steel material or surface treated.
10. The rotary table surface is treated specially, capable of keeping the surface finish and avoiding the cross pollution, compliant with GMP requirements.

11. Tableting chamber surrounded by transparent glass, and openable completely, easy to clean and maintain.

12. Optional forced feeder

**The main technical parameters:**

<b>model</b>	<b>ZP23</b>	<b>ZP21</b>	<b>ZP17</b>	<b>ZP10</b>	<b>ZP14</b>	<b>ZP8</b>
Number of stations (paid)	23	21	17	10	14	8
Maximum main compression force (KN)	40		60			
The maximum pre-compression force (KN)	10					
Maximum tablet diameter (mm)	11	13	18		22	
Maximum pressure thickness(mm)	8					
Maximum filling depth (mm)	16					
Turntable speed (rev / min)	8-30		8-20			
Production capacity (pc/h)	11000-41400	10000-37800	8100-30600		6700-16800	3800-8400
Die diameter (mm)	22	24	30.16		38.1	
Die-height (mm)	22.22				23.8	
Punch diameter (mm)	19				25.35	
Punch length (mm)	133.35					
Burst into the mold on depth(mm)	2-6					
Main motor power (kw)	1.1					
Machine shape L×W×H (mm)	540×520×1600					
Weight (kg)	500					