



ZP420 Series Rotary Tablet Press Machine



The machine is a double-pressing automatically revolving piece-pressing machine which could make grain be pressed to be round piece, be carved characters, special shapes and double color piece prescription. It is mainly used in manufacturing piece prescription for pharmaceutical industry enterprises like chemical industry, foods, electronics.

Features

1. Peripheral casing is closed form which is made of all stainless steel , internal mesa adopt stainless steel material, it can keep the surface glossy and prevent cross contamination and meet GMP requirement.
2. With oil seal ring on punches, prevent oil from pollution tablet and powder leakage.
3. With dust seal ring on punches, avoid powder leakage from turret table.
4. It is equipped with variable frequency speed control device for electrical control, convenient operation, steady running, it is safe and accurate.
5. It is equipped with overload protection device, when pressure overload, it can stop automatically.
6. Improved thicker upper pressing wheel to increase pressure 100kn to 120kn for stable production.
7. Being the leader in trying to use semi-automatic lubrication device and the top of rotary table is equipped organic glass dust prevention device.
8. Mould length from 115 to 133.6mm, improve abrasion resistance and guidance quality.
9. It is equipped with powder absorbing device, can absorb indoor dust.
10. Wearing parts like orbit, feeder, hopper, drive worm, powder taking equipment and it has general structure with ZP33 type product, it is helpful for standardization, generalization and seriation.

Technical Parameters

Model	ZPT420-31D	ZPT420-35D	ZPT420-45D	ZPT420-55D
Parameter				
Punch pin number	31	35	45	55
Punch diameter	26mm	22mm	19mm	16mm
Die diameter	34mm	26mm	22mm	19mm
Production range	111600	126000	162000	198000
(10,000 tablets/h)				
Rotating speed (rpm)	0-30			
Maximum pressure	100KN			
Maximum filling depth	15mm			
Tablet thickness	0.5~6mm			
Maximum tablet diameter	Φ20mm	Φ13mm	Φ11mm	Φ10mm
Maximum abnormal axis size	<25mm	<21mm	<18mm	<13mm
Punch length	133.6mm			
Working noise	≤70dB			
Total power	5.5KW/380V, 50Hz,three-phase five-wire system			
Bounday dimension of equipment	1240*850*1850 mm			
Net weight of equipment	1750kg			