



GZPK Series Rotary Tablet Press Machine



GZPK series automatic high-speed rotary tablet press machine is our new design for the second generation products. The operation and control adopts industrial automatic control PLC, have larger development space, and the subsequent launch of new products can be compatible.

The main motor of tablet press machine drives the turntable to rotate through AC variable frequency stepless speed regulator and slowed down by a worm. The rotation of turntable drives upper and lower punch to do up and down relative movement under the action of guide rail. The granules or powders are pressed into tablets by filling, prepressing, pressing and discharging. During the whole pressing process, the control system implements automatic control of tablet weight, automatic defective tablet removal, automatic sampling and fault display through detection, transmission, calculation and processing of the pressure signal.

Features

- Flameless windows with safety glass (thickness: 20mm)
- Single tablet pressing
- Main pressure 80KN
- Pre-pressure 20KN
- Feeding motor adopts frequency control of speed
- Automatic control of tablet weight
- Single or multiple tablets elimination
- 1Protection for overloading, tight punch or insufficient lubrication
- Suit for round tablets and irregular tablets production

Main Parameter

Model GZPK		40	32	26
Punch No.		40	32	26
Capacity (tablets/h)	Max.	260000	210000	160000
	Min.	30000	30000	30000
Rotation speed (rpm)	Max.	105rps/min	105rps/min	102rps/min
	Min.	11rps/min	11rps/min	11rps/min
Max tablet diameter		13	16	25
Main pressure		80KN	80KN	100KN
Pre-pressure		20KN	20KN	20KN
Max filling depth		16mm	16mm	20mm
Die diameter (mm)		24.01	30.16	38.1
Punch length (mm)		133.6	133.6	133.6
Motor power		7.5KW	7.5KW	11KW
Outline dimension (mm)		890(+441)*800(+441)* 1943.5	890(+441)*800(+441)* 1943.5	890(+441)*800(+441)* 1943.5
Net weight (KGS)		1400	1400	1400