

## *GZPD/GZP Series Automatic High-Speed Rotary Tablet Press*



The GPZ-61 automatic high-speed rotary tablet press is mainly used for production of tablets in the pharmaceutical industry. Its work mode is that various granular raw materials are pressed twice into tablets by a pair of pre-pressing wheels and a pair of main pressing wheels. The equipment adopts fully closed tablet pressing rooms to complete five procedures such as filling, metering, pre-pressing, main pressing and tablet discharging. The tablet press is completely controlled by the touch screen on the electric control cabinet.

### **Features**

- ◆ The whole machine adopts servo control, with safe, stable and reliable running.
- ◆ The height of the main pressing wheel is adjustable to realize forming of different medicine powders and tablets of different hardness. Tablet pressing thickness, output, and etc. are displayed on the touch screen, and parameters are adjustable.
- ◆ The surfaces of the machine are smooth and clean with beautiful appearance. In addition, the working area has smooth surfaces without any dead zone, featured by easy observation and easy cleaning.
- ◆ The materials in the tablet pressing room that contact medicine powders are acid and alkali resistant stainless steel if they are metal materials, and are innocuous materials if they are nonmetal.
- ◆ The four transparent windows can be fully opened to eliminate obstacles during machine washing and facilitate the replacement of punching tools.
- ◆ The machine is sealed by four stainless steel doors stuck with multiporous materials. Various driving equipment is installed inside the machine, ensuring safety and reducing noise.
- ◆ 5 authority grades are set.

## Technical Parameters

Model	GZPD-51	GZPD-61	GZPD-65	GZPD-83	GZPD-101
Die number	51	61	65	83	101
Turret speed(rpm)	8-80	16-65	8-80	8-80	8-80
Maximum output(10,000 tablets/h)	49	50	62.4	79.6	100
Minimum output(10,000 tablets/h)	5				
Motor power(kw)	11				
Maximum pressure(kn)	100				
Maximum pre-pressing pressure(kn)	100				
Maximum pressing diameter(mm)	16	13	13	10	10
Maximum filling depth(mm)	19	15	15	15	15
Maximum tablet thickness(mm)	12				
Suitable for abnormal tablets	Yes				
Weight(kg)	5				

Model	GZP-26	GZP-32	GZP-40	GZP-52
Die number	26	32	40	52
Production range (10,000tablets/h)	2-17.2	2.5-21.1	3.1-26.4	4.0-33.8
Turret speed(rpm)	22-110			
Maximum pressure(kn)	10			
Maximum pre-pressing pressure(kn)	16			
Maximum filling depth(mm)	20			
Maximum tablet thickness(mm)	8			
Maximum tablet diameter(mm)	25	16	13	10
Maximum special-shaped long axis(mm)	< 25	< 19	< 16	< 10
Noise(db)	≤ 70			
Power supply	7.5kw/380V, 50Hz, three-phase five wire			
Overall dimensions(L × W × H)(mm)	820 × 1,100 × 1,750			
Weight(kg)	1,6			