

## *GZP500 series High-Speed Rotary Tablet Press Machine*



This machine is one kind of double side rotary tablet press machine, for pressing the various kinds of granular materials into tablets.

It is mainly used in the tablet production in pharmaceutical factories. The machine is also applicable to foodstuff, electric cell, chemical and electronic industries to press the hard-forming material into tablets.

### **Functions and Features**

1. This machine adopts a fully enclosed structure with the operation compartment isolated from the outside. Ensuring the cleanness in the tablet compressing area without creation of cross contamination with the outside. The compressing compartment is wholly made of stainless steel, which is in compliance with the GMP requirement on the production of pharmaceuticals.
2. The surface of turret is with chrome plating to avoid the wearing of turret.
3. The machine adopts the adjustment of speed by means of frequency inversion (inverter). The motor is connected with under plate to avoid the motor shaking when working.
4. Fully automatic lubrication system with interval type, micro flow and quantitative, to lubricate the upper & lower tracks and the heads of punches and reduce the wearing of these parts.
5. An overload protection units is equipped in the machine to avoid the damage of the punches and apparatus. When overload occurs, the machine can be stopped automatically.
6. Different kinds of impellers for force feeder, to meet the feeding requirement of different raw materials.
7. Door opening and stopping device: when any door is opened when the machine is running, the machine will stop automatically.
8. It can be designed to make double-layer tablet (optional)

## Main Specifications

Model	GZP-35	GZP-43	GZP-51	GZP-55
Number of Stations	35	43	51	55
Standard of punch dies	IPT "D"	IPT "B"	ZP	IPT BB
Maximum main pressure (KN)	100	100		
Max. Pre-pressure (KN)	20			
Maximum Filling Depth (mm)	20	18	15	15
Maximum Tablet Thickness (mm)	8	7	6	6
Maximum Tablet Diameter (mm)	25	18	13	11
Max. speed of turret (r.p./min)	50	50	60	60
Maximum productivity (tablets/hour)	210000	258000	367200	396000
Power of main motor (kW)	11	7.5		
Height of	Without hopper	1700		
Main motor (mm)	With hopper	1900		
Floor space occupied by the main machine	1370 x 1170			
Weight of main machine	3500			