



## *GZP-500 series High Speed Rotary Tablet Press*



This machine is one kind of tablet press machine, of granular materials into tablets. It is mainly used to press hard-forming materials into tablets in pharmaceutical industry and also the chemical, food, electronic industries.

### **Feature:**

1. This machine adopts a fully enclosed structure with the operation compartment isolated 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. 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 unit is equipped in the machine to avoid the damage of the punches and apparatus. When overload occurs, the machine stops automatically.
6. Different kinds of impellers for force feeder, to meet the feeding requirement of different raw materials.

## Technical Specifications:

Number of punches and dies(sets)	35 sets	43sets	51 sets	55sets
Model of P/D(mm)	IPT25.4mm	IPT25.4mm	IPT19mm	IPT19mm
Outer diameter of middle die(mm)	38.1mm	30.16mm	24mm	22mm
Max. Pre-pressing compression pressure(kn)	18kn	18kn	18kn	18kn
Max. main compression pressure(kn)	100kn	100kn	80kn	80kn
Max. tablet diameter(mm)	25mm	18mm	13mm	11mm
Max. filling depth(mm)	20mm	18mm	15mm	15mm
Max. speed of rotary table(r/min)	25r/min	40r/min	45r/min	50r/min
Max. production capacity(pcs/h)	105,000pcs/h	206,000 pcs/h	275,000 pcs/h	330,000 pcs/h
Main motor	7.5kw/1430r/min/380v/50Hz		5.5kw/1430r/min/380v/50Hz	
Overall Dimensions	950x1300x1850			
Net weight(kg)	2500Kg			