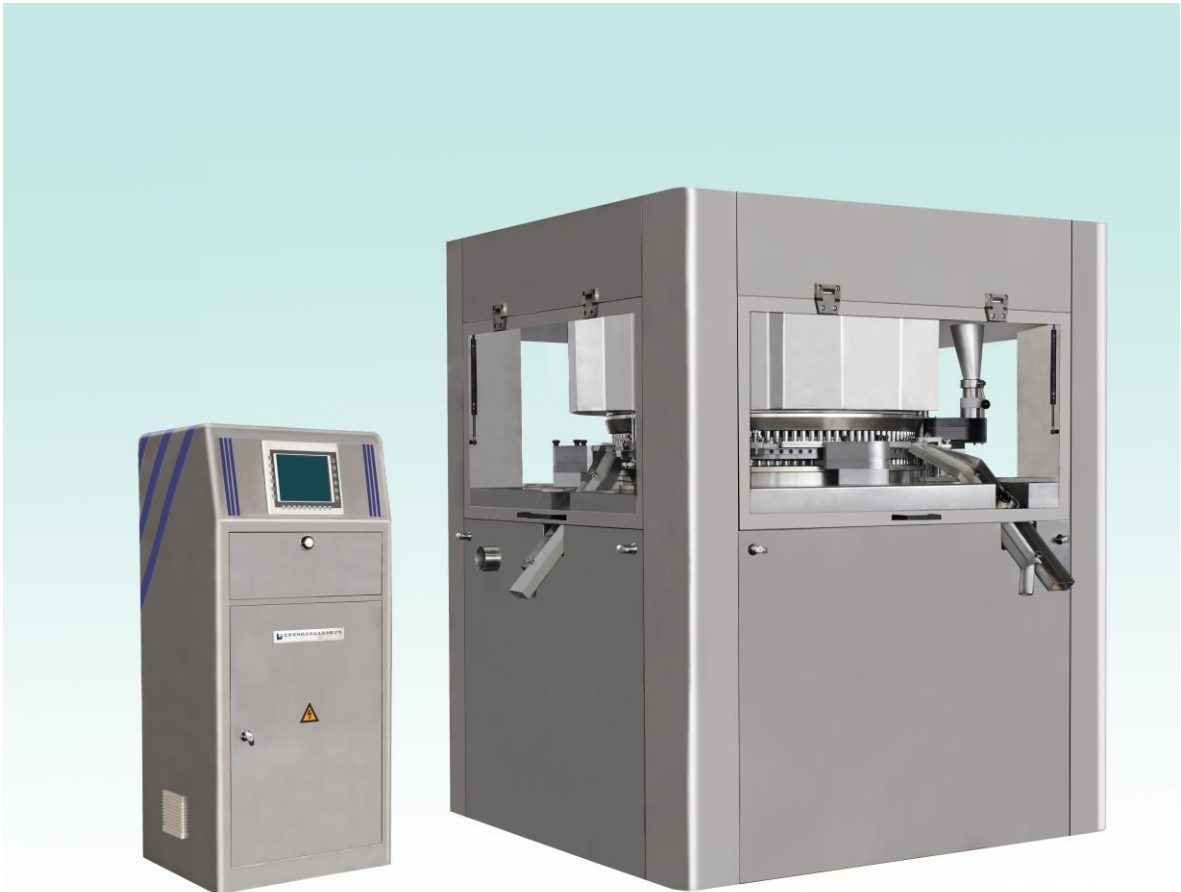


Automatic High-speed Triple Station Tablet Press (GZPT Series)



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Automatic Triple Rotary High Speed Tablet Press Machine (GZPT 1060 Series)

Technical Parameters

Model	GZPT-122	GZPT-113	GZPT-95	GZPT-76
No. of stations	122	113	95	76
Tooling type	BBS	BB	B	D
Variable Speed (RPM)	5.1~51	5.1~51	5.1~51	5.1~51
Max output (Tablets/hr)	1,119,000	1,037,000	872,000	697,000
Main motor power	18.5KW (25HP)	18.5KW (25HP)	18.5KW (25HP)	18.5KW (25HP)
Main pressure	100 KN	100 KN	100 KN	100 KN
Pre-pressure	100 KN	100 KN	100 KN	100 KN
Max tablet diameter	11 mm	13 mm	16 mm	25 mm
Max length of irregular tablet	13 mm	16 mm	19 mm	25 mm
Max filling depth	16 mm	16 mm	20 mm	20 mm
Max tablet thickness	8 mm	8 mm	10 mm	10 mm
Pitch circle diameter	1,060mm	1,060mm	1,060mm	1,060mm
Diameter of punch	19 mm	19 mm	19 mm	25.35 mm
Dimension (L X W X H)	1,720×1,720×2,182 mm (68" X 68" X 86")			
Weight	~8,000 Kg (17,636 lbs.)			

Features of all GZPT Series Machines

- Compression rollers utilize mechanical pressure for smooth operation.
- Upper and lower compression rollers can be operated independently.
- Lower compression rollers are controlled by motors for instantaneous adjustment.
- Controls are entirely separate from main machine to eliminate the possibility of dust in the electronics.
- Contact parts are stainless steel or polymer materials in compliance with cGMP standards.
- Filling system employs servo motor control for instant adjustment.
- Synchronous control motors are used for main pressure and pre-pressure rollers.
- The design of main pressure and pre-pressure roller measurement provides accurate data.
- Operators can adjust filling volume to control tablet weight through the HMI.
- Over or under filled tablets signals an operator alarm through the HMI.
- The HMI provides single punch force as well as the over all punch force curve information to the operator.
- Pressure histogram can be displayed on the HMI.
- Over weight and under weight tablets are automatically rejected.

Automatic Triple Rotary High Speed Tablet Press Machine (GZPT 1060 Series)

GZPT-1060 series Automatic Triple Rotary High Speed Tablet Press Machine is the highest speed model designed to meet the needs of the largest production requirements. Engineered and built in our Beijing plant, the GZPT-1060 was developed based on input from some of the world's largest tablet producers. The GZPT Series is best employed for mass production where change-overs are infrequent. Single layer, double layer and triple layer tablets are possible.

Performance

Controls

- A high performance PLC means you no longer have to rely on highly experienced operators to make hand adjustments.
- The control cabinet is separate from the press which ensures safe and sanitary production.
- A 10 inch touch screen is intuitive and easy to see.
- B&R produces a well supported PLC control system with quick and accurate response time.
- All information about manufacturing can be displayed, stored, extracted and reset.
- Password protected levels of security are standard.



Press System

- Modular design principals are employed for the main pressure, pre-pressure, filling and feeding systems.
- The simple structure allows these modular parts to be adjusted or changed out quickly.
- The main pressure and pre-pressure rollers use the same design which allows them to be interchangeable.
- Both main pressure and pre-pressure rollers are rated up to 100KN for maximum flexibility.



Filling system

- The filling system uses servo motor controls which produces instant adjustments. Precise adjustments can be made to a level of 0.01mm. Filling volume is displayed on the touch screen HMI.
- Tri-wheeled double deck feeding system provides even distribution.
- The upper impeller increases powder flow and balances powder density.
- The two lower impellers are used to feed and dose.
- Servo motors adjust the dosing cam track to control filling depth.

