

## *HSZP-43 Rotary High Speed Tablet Press*



1. HSZP series rotary tablet press machine can be widely used in the pharmaceutical industry, can also be used in food, chemical, electronics and other industries. This machine can press the particulate material which according to the requirements of pressing tablet. The highest capacity is 300000 pieces per hour.
2. This machine is used to suppress the drying of granular materials in fine powder (greater than 100 mesh) content less than 10%, not suitable for semi solid, wet particles, low melting point easy to wet raw material and no particles of powder compacting.
3. This machine can not only suppress the circular sheet, can suppress the geometry of the profiled sheet and double-side lettering plate.
4. HSZP series rotary tablet press has four specifications, namely: HSZP35, HSZP37, HSZP43, HSZP45, HSZP53, HSZP57 customers can accord their yield, product pressing size to choose suitable models.
5. Four types of parts, components are based on current world popular criteria, such as standardization, serialization, universalization and so on, for designing and manufacturing technology and management, four kinds of more than 90% parts, components of the structure, size, Geometry and so on are the same, to facilitate customer's maintenance and management.
6. This machine has a host of major components of mechanical and electrical control system (major components of mechanical and electrical control systems detailed below).
7. Mechanical and electrical components of the machine configuration is excellent, mechanical components using high strength and high rack mechanism stiffness of frame body, the main casting adopt Japanese-owned company's products, special processing technology turntable

structure, the main pressure preload wheel and wheel structure lubrication system uses American-owned Beiqier company's products, the main motor is ABB's products, inverters, displays adopts Siemens products.

8. Fully enclosed work area uses transparent window structure, less dust pollution, excellent sealing.

9. Working room and transmission mechanism is completely separated, prevent cross-infection effectively. Parts in contact with the medicine are made of stainless steel or with special surface treatment, no dead corner in working room, loading and unloading easily, easy cleaning and maintenance, compliance with medicine production and quality management practices of GMP standards.

10. This machine has some functions, such as frequency control, filling and thickness of tablet display, average pressure display, overload protection, emergency braking and so on.

**Technical Parameters:**

| Model                                    |                | HSZP-43   |
|--|----------------|-----------|
| No.of Stations                           |                | 43        |
| Type of Tooling                          |                | IPT       |
| Max. Pressure (kn)                       |                | 80        |
| Max. Pre-pressure (kn)                   |                | 60        |
| Max. Filling Depth (mm)                  |                | 18        |
| Max. Tablet Dia (mm)                     |                | 18        |
| Max. Tablets output (ten thousand/ hour) |                | 23.22     |
| Max. Turret Speed (r/min)                |                | 45        |
| Main Motor Power(kw)                     |                | 7.5       |
| Height of the Machine (mm)               | Without Hopper | 1750      |
|  | With Hopper    | 1900      |
| Machine Floor Space (mm <sup>2</sup> )   |                | 1170*1290 |
| Machine Net Weight (kg)                  |                | 3500      |