



ZP-D Series tablet press



This machine is an automatic double pressure rotary tablet press, which can press grains into round, engraved texts, special shapes and two-color plate recipes. Mainly used for the manufacture of prescription tablets in the chemical, food, electronics and other pharmaceutical industries. (Note: When producing two-color sheets, simply replace the components and add a powder suction device, which will greatly reduce costs and increase profits.)

Principle of operation:

- The lid is made of stainless steel and is closed. The inner surface of the plate is made of stainless steel to keep the surface shiny and prevent cross-contamination, which complies with GMP requirements.
- Comes with a plexiglass perspective window to observe the condition of the tablet. The side workpiece can be fully opened, easy to clean and maintain.
- All monitors and operational components are in good condition.
- Electrical regulation is carried out using a speed control device with a frequency converter. Easy to operate, smooth rotation, safe and correct.

- Overload protection device is provided. When the pressure is overloaded, the machine stops automatically.
- Electric unit equipped with touch keys and a screen.
- Semi-automatic lubrication unit is adopted for the first time, and plexiglass dust cover is used on the top of the rotor.
- The grinding system is sealed in the fuel tank under the head unit and is a separate element. No pollution, easy to dissipate heat and resistant to shredding.
- The powder absorption device can absorb the powder from the tablet chamber.
- For high-wearing parts such as rail strip, feeder, launch rod, powder meter, ZP33 universal product structure is adopted, which is conducive to standardization, versatility and serialization.
- The shape is usually similar to ZP19, ZP33, ZP35, ZP37 tablet press.

Technical Parameters:

| Type | ZP-33D | ZP-35D | ZP-37D | ZP-41D |
|-------------------------------|---------------|---------------|---------------|---------------|
| Form (set) | 33 | 35 | 37 | 41 |
| Max. pressure (kn) | 80 | 80 | 80 | 80 |
| Maximum Dia. unit (mm) | 13 | 13 | 13 | 13 |
| Maximum filling depth (mm) | 15 | 15 | 15 | 15 |
| Maximum tablet thickness (mm) | 6 | 6 | 6 | 6 |
| Column rotation speed (rpm) | 14-37 | 14-37 | 14-37 | 14-37 |
| Productivity (pcs/h) | 130000 | 150000 | 160000 | 170000 |
| Electric motor (kW) | 4 | 4 | 4 | 4 |
| Overall dimensions, mm) | 980*1240*1690 | 980*1240*1690 | 1230*950*1670 | 1230*950*1670 |
| Net weight (kg) | 1700 | 1700 | 1700 | 1700 |