**ZPD rotary tablet press**

Introduction:

This machine is suitable for pressing granular raw materials into circular pieces/blocks/balls/and annular pieces, special-shaped pieces and other shapes in food, medicine, chemical, electronics and other industries. It is not suitable for the pressing of semi-solid, wet particles, low solubility, moisture absorptive raw materials and non-particle and fine powder materials. The machine meets the requirements of GMP standard. Punching rod and punching nail can be combined, and pressing different shapes of products only need to replace the punching nail

Working principle and structure features:

1, the machine is a single pressure type.The stamping die is installed on the work table (referred to as the rotary table)and the punching rod along the guide curve for up and down movement, through the up and down the pressure wheel to complete the action required by the tablet pressing process.

2. The tablet pressing process of the machine is continuous feeding, filling, tablet pressing and tablet releasing.

3, the machine is driven by the motor, through the triangle belt drive reducer,driving the working turntable to rotate clockwisely.

4. The device adopts rolling friction, and its working pressure can be adjusted within the range according to the requirements of the pressure plate.

5, The working chamber of the machine is totally enclosed by organic glass to prevent dusting during pressing process. Meanwhile, the whole pressing process can be observed through a door.

6. The thickness of the tablet and the working pressure can be adjusted according to the direction indicated by the hand wheel.

7, the speed adjustment of the work turntable is through the frequency conversion speed regulating device with rotation for smooth adjustment in the electrical operation cabinet.

1. The electrical system and the host are separated which can keep electrical components clean and reliable.

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| Model | ZPD9F | ZPD11F | ZPD9E |
| Max.Pressure(kw) | 40 | 40 | 80 |
| Max.diameter of tablet(mm) | 60 | 40 | 80 |
| Filling depth(mm) | 43 | 43 | 52 |
| Rotating speed of rotation tablet(r/min) | 1-10 | 1-10 | 1-9 |
| Max.production capacity(mps/h) | 5400 | 6600 | 3000-4000 |
| Max.thickness(mm) | 22 | 22 | 15-25 |
| Main motor Power(kw) | 7.5 | 7.5 | 30 |
| Net weight(T) | 2.8 | 2.8 | 6+ |
| Overall Size(L\*W\*H)(mm) | 900\*900\*2200 | 900\*900\*2200 | 1430\*1280\*2120 |