

ZPW-35D Rotary Double-color Tablet Press



ZPW-35D rotary double-color tablet press can be customized for tablets of different size. Its dies can be adjusted to 45 sets for 6mm tablets (the min. size) and to 15 set for 42mm tablets (the max. size).

Structure and features

- a. The machine applies frequency control of speed. Synchronous belt wheel drives worm, turbine and finally turntable. Rotation of turntable will also make 35 sets of dies rotate clockwise. Every die can feed and fill material and press and discharge tablets through the upper and lower tracks, pressing wheel and other structures.
- b. Pressure, filling, tablet thickness and rotating speed are all adjustable. All adjusting hand wheels are set at the façade of the machine and instructions are shown on operating panel. Therefore, operation is simple and maintenance is convenient.
- c. Driving structure and tablet pressing chamber of original ZP-35D are separated for tablets' compliance with GMP. Non-toxic and anti-corrosive stainless steel board of the tablet pressing chamber and sealing device around it can prevent the chamber from cross contamination.
- d. The upper pressing wheel is equipped with a unloading device to adjust pressure. If operating pressure of punching rod exceeds set pressure, the device will unload through spring compression and buzzer gives out audio-visual signal. The machine will also stop immediately to protect machine parts.
- e. The machine is driven by worm and turbine which are separated and immerse in lubricating oil to extent their service life.

Application

- a. Pharmaceutical industry: Chinese medical tablets, Western medical tablets, nutrient tablets, veterinary drugs...

- b. Foodstuff: candy slice, coffee slice, throat sweet, chocolate, seasoning...
- c. Health care products: buccal tablets, milk tablets, calcium tablets, propolis tablets...
- d. Electronic industry: electronic components, button batteries...
- e. Chemical industry: camphor balls, aromatic balls, fertilizer tablets, mosquito repellent incense tablets, catalyzer, disinfectant tablets, pressed powder...
- f. Metallurgical and ceramic industries: catalyst, metallurgical powders, ceramic particles, metal tablets...

Technical Parameters

Model	ZP420-35D
Quantity of dies	35
Max. pressure (KN)	80
Max. tablet diameter (mm)	13
Max. filling depth (mm)	15
Max. tablet thickness (mm)	6
Rotating speed of turntable (rpm)	30
OUTPUT (pcs/h)	126000
Motor power (KW)	4
Overall dimensions (mm)	1240*980*1650
Machine weight (KG)	1950