

ZP15D, 17D, 19D Rotary Tablet Press



This machine is a single-press type, continuous automatic tablet press for pressing the granular raw material into the round tablets and irregular tablets etc. It is especially caters for small-batch production.

This machine is mainly used in pharmaceutical industry and also the chemical, food, electronic, plastic and metallurgical industries.

In addition, it is equipped with the overload protection devices. The powder absorbing box is installed on one side of the machine. It can absorb the powder from the operation of the machine via suction port to avoid bonding and clogging, and it also can recycle the raw material for reproduction.

Scope of application

- Pharmaceutical: Chinese tablets, Western medicine, plain films, chewable tablet, calcium tablet, buccal tablet, propolis tablet (bee propolis tablet), spiraling tablet, effervescent tablet-pioneer, camphor ball etc.
- Foodstuff: candy pieces, flake coffee, chicken essence chunk, seasoning chunk, glucose tablet, milk powder candy etc.
- Agriculture: wafer feed, fertilizer chunk, animal food etc.
- Chemical: bleaching powder, ceramic powder, powder metallurgy, magnetic materials, antiseptic, powdered carbon£¬molecular sieve etc.
- Electronic: carbon brush, button cell, electronic component etc.

Features

- The outside part of the machine is full-enclosed. The material of the cover and internal table are made of stainless steel. The surface of turntable is specially disposed to keep the surface luster and prevent it from being polluted, meeting the GMP requirement.

- It has transparent windows so that press condition can be observed clearly and windows can be opened for cleaning and maintenance. The lay-out of all the controllers and the operate parts is reasonable.
- All the drive devices are located inside the machine so keep the machine clean.
- The machine can press not only round tablets but also different geometrical shape tablets, double-layered and annular tablets, the tablets may have the impressed on both sides.
- Overload protection unit is included in the system to avoid the damage of the punches and apparatus, When overload occurs, the machine will stop working automatically.
- Powder absorbing device could absorb the powder in the tablet-pressing room.

Technical Parameters

Model	ZP15D	ZP17D	ZP19D
Die no.	15 sets	17 sets	19 sets
Max. pressure of tablet	60KN		
Max. dia. of tablet	26 mm	20 mm	18 mm
Max. depth of filling	15 mm		
Max. thickness of tablet	6 mm		
Max. throughput	31000 pc/h	36000 pc/h	39900 pc/h
Motor	2.2 KW 940 r/min 380V/50Hz		
Turret speed	35 r/min		
Outline dim.	615x890x1415 mm		
Weight	980 kg		