

ZP-25D Rotary Tablet Press



This machine is a continual and automatically tablet press granular raw materials into round tablet, irregular tablet, carved tablet etc. It is mainly used in pharmaceutical industry and also the chemical, food, electronic industry and so on.

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.
- The frequency-conversion speed regulation device is provided to perform speed regulation electrically, so as to keep the machine clean. Reasonable design of hydraulic system can ensure the stability of hydraulic system.
- All the drive devices are located inside the machine so keep the machine clean.

- 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.
- This machine also has electromagnetic brake motor and other safety protection device which can be adjusted and operated when running.
- Powder absorbing device could absorb the powder in the tablet-pressing room.

Technical Parameters

Die no.	25 sets
Max. pressure of tablet	80 KN
Max. diameter of tablet	25 mm
Max. depth of filling	25 mm
Max. thickness of tablet	16 mm
Max. throughput	72000 pc/h
Turret speed	24 r/min
Motor	4 KW, 1440 r/min, 380V/50Hz
Overall size	950x1230x1670mm
Weight	1500 kg