

ZPW-11E Rotary Tablet Press



This machine is used to press the granular raw material into the round tablets or various geometric shaped tablets, it is especially caters for small scale production. When pressing the tablets, the rotary disc speed and filling depth of material can be adjustable. In addition, it is equipped with the force-feeder and overload protection devices. So This machine is also suitable for viscous materials.

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 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.
- Equipped a force-feeder on this machine.
- 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.
- 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.

Technical Parameters

Punch and die	11 sets
production capacity	9900 tablets/hour
maximum working pressure	80-100 KN
Maximum diameter of tablet	40 mm
Maximum thickness of tablet	13 mm
Maximum filling depth	35 mm
Maximum working diameter	430-530 mm
Diameter of center form	52 mm
Diameter of punching die	40 mm
Diameter of upper/lower punching bar	40 mm
speed of rotary table	6-15 r/min
Motor Power	4 KW
Power supply	AC,380V/50HZ 3 phase
Net weight	660 kg
Overall size	760(L)x750(W)x1550(H) mm