

ZPW-680 Automatic High Speed Rotary Tablet Press



This machine is a double-press type; it continually and automatically tablet press granular raw materials into round tablet, irregular tablet, carved tablet and two layer (color) tablets etc. It is mainly used in pharmaceutical industry and also the chemical, food, electronic industry and so on.

When making two layer (color) tablets, it only need replace components and add Powder absorbing apparatus which greatly lowers the cost and raise profit.

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 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.
- All monitors and operating components are in good order.

- Applying with frequency changing, speed regulating apparatus to do electricity regulation. The convenient operation and smooth revolving are safe and correct.
- 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.
- The first of its kind to use semiautomatic lubricating equipment and plexiglass anti-dust cover on the upper of revolving table.
- Transmitting system is sealed in the oil box under the main machine which is a separate component. No pollution and easy to send out heat and resist grinding.
- Powder absorbing device could absorb the powder in the tablet-pressing room.

Technical Parameters

Punch and die	72 sets	73 sets
Maximum capacity	306600 tablets/h	459900 tablets/h
Maximum pressure	100 KN	
Maximum diameter of tablets	10 mm	
Maximum thickness of tablets	6 mm	
Maximum depth of filling	15 mm	
Turret speed	35 r/min	
Power	7.5 KW	
Power supply	AC, 380V/50HZ 3 phase or customization	
Net weight	3800 kg	
Overall size	1200x1200x2000 mm	