

Rotary tablet press

ZP35D/37D/41D rotary tablet press



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Main application:

ZP35D/37D/41D rotary tablet press is a double-pressing type, continuous automatic tablet press for pressing granular raw materials into tablets with different shapes, double color and impressed letters on both sides. It is mainly used in manufacturing piece prescription in pharmaceutical, chemical, foods, electronics industry.

(Note: when manufacturing double color pieces, it not only need to replace components, but also a device for removing and sucking powders which greatly lowers the cost and increases profit.)

Operating principle:

1. The cover is made of stainless steel with close type . The inner tablet surface is also made of stainless steel materials which could keep surface luster and prevent from cross pollution. Our ZP35D/37D/41D rotary tablet press meets GMP requirement.
2. Equipped with plexiglass perspective window which could help to observe the status of pressing piece. Side blank could be fully opened, easy to clean and maintain.
3. All monitors and operating components are in good order.
4. Applying with frequency changing, speed regulating apparatus to do electricity regulation. The convenient operation and smooth rotation are safe.

5. Equipped with over-load protection apparatus. When pressure overloads, the machine will stop automatically.
6. Combining ZP35D/37D/41D rotary tablet press with electricity, equipped with touching key and screen.
7. The first kind rotary tablet press is with semi-automatically lubricating equipment and plexiglass anti-dust cover on the upper of revolving table.
8. Transmitting system is sealed in the oil box under the main machine. It is a separate component. No pollution, easy heat dissipation, wear resistance.
9. Powder cleaner could absorb the powder in the piece-pressing room.
10. Easily-damaged components such as upper orbit, material-adding machine, transmitting pole, powder measurer have general structures with ZP33 products which could help to be standard, general and series.
11. Mould is similar generally to ZP19, ZP33, ZP35 and ZP37 rotary tablet press.

Technique parameter:

Type	ZP35D	ZP37D	ZP41D
Dies (sets)	35	37	41
Max. Pressure (KN)	80	80	80
Max. Dia. of tablet (mm)	13 (special) 16	13	13
Max. Depth of fill (mm)	15	15	15
Thickness of largest tablet (mm)	6	6	6
Turret speed (r/min)	5-36	14-37	14-37
Production capacity (pc/h)	150000	160000	170000
Motor power (kW)	4	4	4
Overall dimensions(mm)	980*1240*1690	1230*950*1670	1230*950*1670
Net weight (kg)	570	560	560