

ZPW Series Rotary Tablet Press



ZPW series tablet press machine adopts frequency conversion speed regulation, and the motor drives the turntable to rotate clockwise through the V-belt pulley, electromagnetic clutch, transmission worm, and worm gear. There are 23 pairs of dies on the turntable (the number can be increased according to the output) to move up and down along the upper and lower curved guide rails, and the process of continuous work such as feeding, filling, tablet pressing, and tablet output is completed through the pressing wheel and other mechanisms.

Features:

1. ZPW series tablet press machine can be single outlet or double outlet. The double-outlet type can complete a second working cycle per rotation, and produce 46 tablets (a model with a higher output can be selected according to demand), thereby improving the working efficiency of the equipment. At the same time, the double outlet type can press two-color tablets.
2. The whole machine is fully enclosed, and the four sides of the workbench are protected by plexiglass doors, which is convenient for viewing abnormalities and opening inspections
3. The worm, worm gear, and other transmission structures, as well as the motor and lubrication structure are sealed inside the machine under the workbench, separated from the tableting operation structure to avoid cross-contamination and meet GMP requirements.
4. Both the high-speed rotary part and the force mechanism adopt rolling friction to reduce wear, reduce power consumption, and increase the service life of the machine.
5. ZPW series tablet press machine adopts imported frequency conversion speed regulation and hydraulic system, which is more stable when pressing tablets and prevents the phenomenon of broken punches.
6. When the equipment is overloaded, it can automatically stop, brake, and alarm, and the operation is safe and reliable.

Technical parameters

Die Amount	45 stations	41stations	35stations
Max.Pressure	100KN	100KN	100KN
Max.Filling Depth	17 mm	17 mm	17 mm
Max.Pressure Diameter	11 mm	12 mm	13 mm
Min.Pressure Diameter	7 mm	7 mm	7 mm
RPM	16-36 (r/min)	16-36 (r/min)	16-36 (r/min)
Working Capacity	100000-180000 (P/h)	100000-174000 (P/h)	60000-150000 (P/h)
Power Supply	4KW 380V 50HZ (220V 60HZ)	4KW 380V 50HZ (220V 60HZ)	4KW 380V 50HZ (220V 60HZ)
Overall Dimension	1300*1400*1850 (mm)	1300*1200*1750(mm)	1300*1200*1750(mm)
Weight	2000 (kg)	2000 (kg)	2000 (kg)

Die Amount	31tations	27 stations	23 stations
Max.Pressure	100KN	100KN	100KN
Max.Filling Depth	17 mm	23 mm	23 mm
Max.Pressure Diameter	20 mm	25 mm	27 mm
Min.Pressure Diameter	7 mm	7 mm	7 mm
RPM	16-36 (r/min)	16-36 (r/min)	16-36 (r/min)
Working Capacity	50000-133000 (P/h)	45000-95000 (P/h)	40000-83000 (P/h)
Power Supply	4KW 380V 50HZ (220V 60HZ)	4KW 380V 50HZ (220V 60HZ)	4KW 380V 50HZ (220V 60HZ)
Overall Dimension	1300*1200*1750(mm)	1300*1200*1750 (mm)	1300*1200*1750 (mm)
Weight	2000 (kg)	2000 (kg)	2000 (kg)