

Rotary Tablet Press Machine ZP-5/7/9/11



Rotary tablet press is a mechanical device that compresses powder into tablets of uniform size and weight. This machine can be used to produce tablets of a wide variety of materials, including pharmaceuticals, cleaning products, and cosmetics. To form a tablet, the granulated material must be metered into a cavity formed by two punches and a die, and then the punches must be pressed together with great force to fuse the material together.

High speed tablet presses take the form of a rotating turret that holds any number of punches. As they rotate around the turret, the punches come into contact with cams which control the punch's vertical position. Punches and dies are usually custom made for each application, and can be made in a wide variety of sizes, shapes, and can be customized with manufacturer codes and scoring lines to make tablets easier to break. Depending on tablet size, shape, material, and press configuration, a typical modern press can produce from 9000 to over 1000000 tablets an hour.

Technical Specifications:

Model	ZP-5	ZP-7	ZP-9	ZP-11
Dies No.	5	7	9	11
Max. Pressure (KN)	40	40	40	40
Max. Dia of Tablet (mm)	12	12	12	13
Max. Depth of Fill (mm)	15	15	15	15
Max. Thickness of Tablet (mm)	6	6	6	6
Rotating Speed of Rotation Platform (r/min)	30	30	30	32
Max. Production Capacity (pcs/h)	9 000	12 600	16 200	1 980 000
Motor Power (KW)	1.5	1.5	1.5	1.5
Machine Dims.(mm)	415×570×1100	415×570×1100	415×570×1100	610×450×1100
Net. Weight (kg)	260	260	260	270