

ZP420 Series Tablet Press Machine



This machine is a double-press type continuous automatic tablet press machine for pressing granular raw materials into tablets. It is mainly used in pharmaceutical, chemistry, foodstuff, electronic industries and suitable for pressing a variety of tablets, such as: medicine tablets, candy tablets, calcium tablets, camphor pills, slat tablets and powder metallurgy products..

Features

1. Double press type with high productivity, suitable for mass production of tablets.
2. HMI operation interface is rich and friendly which can display real-time working pressure, rotating speed, output counter, real-time position of main pressure wheel & filling track, etc.
3. Made of stainless steel, the housing is fully closed. The surface of the rotary turret is covered with a hardened layer so that the turret surface is wear resistant.
4. Adopt transparent windows, tableting state can be observed clearly. The windows can be opened, cleaning and maintenance is easy.
5. The machine is equipped with pressure sensor, which can display the working pressure in real time and the machine can stop automatically in case of overpressure.
6. Speed adjustable, operation simple and running reliable.
7. Adopt automatic lubrication system which can fully lubricate the pressure wheels, tracks and punches, so as to extend the machine service life.
8. Adopt powerful motor and high-precision reducer, achieve high torque stable & strong power output.
9. Various safety protection functions (emergency stop, over-pressure stop, door and window lock-protection)
10. Adopt oil-proof, dust-proof and noise proof design.

Technical Parameter

Product Name	Product Number	Max Tablet Thickness (mm)	Max Tablet Diameter (mm)		Max Production Capacity (pcs/h)	Number of Stations	Max Turret Speed (r/min)
			Round tablet (mm)	Irregular tablet (mm)			
ZP420 series tablet press machine	ZP-29	8	25	25	139200	29	40
	ZP-35	7	18	19	168000	35	
	ZP-39	6	13	16	187200	39	
	ZP-41	6	11	13	196800	41	

Product Name	Max Pressure (KN)	Tooling Standard	Overall Size (mm)	Weight	Motor Power (kw)	Max Filling Depth (mm)
				Machine Weight (kg)		
ZP420 series tablet press machine	Max main pressure (KN) 120	D	960×1150×1900	2000	7.5	20
		B			5.5	18
	Max pre pressure (KN) 100	BB				15
		BBS				15