



GZPK-series Automatic High-Speed Rotary Tablet Press Machine



This high-speed rotary tablet press machine offers the capability to produce a large volume of round and special-shaped tablets. With its double pressure structure and 33 die sets, it can efficiently press up to 66 tablets in one rotation while allowing adjustments for speed, filling depth, and tablet thickness. Equipped with a powder suction box and mechanical buffer device, this machine ensures smooth operation and high-quality, dust-free tablets in line with GMP specifications.

1. The main components of the electric control cabinet are imported components from abroad, PLC adopts original Siemens products, and human-machine interface adopts Taisiemens 10-inch series color touch screen.
2. low voltage electrical appliances use SIEMENS and Schneider and other international famous brand products;
3. Frequency converter uses SIEMENS products.
4. Turbine vortex rod adopts high precision products of Tianjin Huachang brand.
5. Bearing series all adopt NSK products imported from Japan.
6. The flushing disc is made of corrosion-resistant material with good rust and corrosion resistance.
7. Imported high-precision TEDEA-HUNTLEIGH sensor and amplifier are used in the pressure sensor acquisition and transmission system to realize real-time pressure detection and analysis. Automatically adjust the filling depth of the tablet machine to realize automatic control of tablet production. At the same time, the mould damage and powder supply situation of the tablet press are monitored to play the role of safety protection. The production cost is greatly reduced, the passing rate of the tablets is increased, and the management of one person and multiple machines is realized.

Technical Parameters

Model GZPK		26	32	40
No. of station		26	32	40
Capacity(tablets/h)	Max.	160000	210000	260000
	Min.	30000	30000	30000
Rotation speed (rpm)	Max.	102	105	105
	Min.	11rps/min	11rps/min	11rps/min
Max.tablet diameter		Φ25	Φ16	Φ13
Main pressure		100KN	80KN	80KN
Pre-pressure		20KN	20KN	20KN
Max. filling depth		20mm	16mm	16mm
Dia. of die (mm)		38.1	30.16	24.янв
Length of punch		133.6mm	133.6mm	133.6mm
Main motor power		11KW	7.5KW	7.5KW
Dimension		930(+438)*850(+438)* 1945		
Net weight (KGS)		1950	1950	1950