

GZPK-26 Automatic Tablet Compression Machine



Automatic Tablet Compression Machine is meticulously engineered for the precise and efficient manufacturing of tablets, with a maximum production capacity of 160,000 tablets per hour.

It is equipped with a Siemens 10-inch color touchscreen for intuitive operation and monitoring, replacing manual buttons. The machine incorporates low-voltage electrical components from globally acclaimed brands such as ABB, Schneider, and OMRON, enhancing reliability and performance.

The bearings employed in the machine are sourced from Japan's NSK, renowned for their durability and precision, thereby contributing to the overall efficiency and longevity of the machine.

Features

Corrosion-Resistant Perforated Plate: The perforated plate is fabricated from a corrosion-resistant material possessing robust anti-rust and corrosion capabilities, meeting GMP requirements.

Advanced Pressure Sensing System: The pressure sensor acquisition and transmission system employs TEDEA-HUNTLEIGH sensors and amplifiers for real-time pressure detection and analysis.

Automatic Powder Filling Depth Adjustment: The machine automatically regulates the powder filling depth of the tablet press to maintain precise and consistent compression control.

Safety Monitoring: It supervises the tablet press mold for damage and oversees the powder supply process to ensure safe operation.

Cost Efficiency and Increased Productivity: The machine is designed to lower pressing costs, enhance the qualification rate of tablets, and support single-person multi-machine management, thereby boosting overall productivity.

Specifications

Model:	GZPK-26
No. of station:	26
Capacity(tablets/h):	30 000-160 000
Rotation speed (rpm):	11-102 rps/min
Max.tablet diameter:	Φ25
Main pressure:	100KN
Pre-pressure:	20KN
Max. Filling Depth:	20mm
Dia. of die (mm):	38.1
Length of punch:	133.6mm
Main motor power:	11KW
Dimension:	800(+440)*890(+440)* 1945mm
Net weight (KG)(L*W*H):	1400