

High Speed tab press GZPL620-PG45



Features:

With high quality stainless steel-construction, special oil and dust proof sealing systems. High visibility isolated door to prevent cross contamination.

Turret can be interchangeable to compress homogenous powder into compact tablets with specified parameter.

Excellent Tablet Pressing System

Pre-pressure and main pressure, compact design and five-pole construction to ensure non-deformation upon heavy load pressure, long dwell time and steady performance. Also increasing tablet weight accuracy and tablet hardness control.

Automatic Tablet Weight Control System

PLC control system, with POD interface for operation. Automatic tablet weight tolerance monitoring and controlling.

Force Feeding System

High precision, easy removable force feeder with two agitators for improving granule fluidity to ensure precision feeding.

Reliable Electric System

Advanced control theory and reliable electrical components and spare parts from world leading suppliers to ensure program control and interlock protection.

Process Flow:

Bulk from hopper (hopper can be filled manually or by using mechanical equipment like transfer vacuum powder) poured into prior to tableting or compression, fill the die cavity, and are compressed by upper and lower punches into tablet. After compression, tablets are ejected by ejection adjuster.

Application:

To produce tablets in pharmaceutical and F&B industries

Technical Parameter:

No. of station	45
Tooling type	TSM-D EU-D
Max. output (tablet/hour) The max. Output refers to the quantity of pressing little tablets from ideal granular	405000
Max. tablet diameter (mm)	25
Max. tablet length (mm)	25
Max. filling depth (mm)	20
Max. tablet thickness (mm)	8
Max. main compression force (kN)	100
Max. pre compression force (kN)	16
Main motor power (KW)	13.2
Power Supply	380v ; 50/60 Hz
Overall dimension (L x W x H) mm	1380x1510x2000
Weight	3140