



TABLET PRESSES

THE HSTP HIGH SPEED TABLET PRESS RANGE PRODUCT DATA SHEET

Application

The HSTP rotary tablet presses have been created to meet the needs of major manufacturers in the pharmaceutical, chemical and related industries. They employ powerful electric motors and between 17 and 40 cutting heads to achieve up to 260,000 tablets an hour, depending on the model, and incorporate a battery of advanced technologies that achieve unprecedented quality, low unit costs and outstanding efficiency. Fast, safe and ultra reliable, these machines will appeal to users who demand state of the art refinements in a competitive package.

Features

These high speed presses employ an intuitive touch screen LCD control and multiple cuttings heads to achieve high production rates. A pre-pressing function increases both the speed and quality of the machine's output, while up to 100Kn of main pressing pressure ensure outstanding quality. An over-pressure cut out protects the press and its dies, and an automatic lubrication system reduces maintenance time and increases the unit's longevity. A safety cut out and warning messages give further protection to the machine and operator. A sealed compression chamber, powder suction unit, forced feeder and glass turret shield ensure exceptional efficiency, accuracy and purity, while guarding against contamination and promoting operator safety.

- High speed tablet production with between 17 and 40 cutting heads producing up to 260,000 pieces/hour
- Intuitive touch screen control panel for easy programming, adjustment and control
- Pre-pressing function with up to 20Kn pressure and a maximum main pressure of up to 100 Kn
- Over-pressure cut out mechanism to avoid damage to punches
- Automatic lubrication system for efficient maintenance and enhanced reliability
- Sealed compression chamber with integral powder suction device reduces risk of contamination, reduces raw material wastage and avoids blockages
- Glass turret shield improves operator safety and avoids cross contamination
- Forced feeder ensures accurate dosing and better raw material efficiency
- Inverter technology for reduced energy consumption, improved stability, better control and lower noise
- Safety cut out mechanism and warning messages triggered if error conditions occur, including loose guide rails, loose punches, or low oil

Specifications

Name	HSTP-17	HSTP-26	HSTP-40
Number of stations	17	26	40
Punch standard (EU standard)	BB	BB	BB
Max. Output(pcs/h)	78,500	120,100	260,000
Max. Main Compression Force(KN)	100	100	100
Max. Pre-compression Force(KN)	16	16	20
Max. Tablet Diameter(mm)	22	10	13
Max. Filling Depth(mm)	16	12	18
Max. Tablet Thickness(mm)	8	6	8
Main motor power	5.5	5.5	9.5
Turret Rotary speed (rpm)	77	77	108
Voltage Frequency	3Phase 380V 50HZ	3Phase 380V 50HZ	3Phase 380V 50HZ
Noise Db(A)	1000 x 1200 x 1700	1000 x 1200 x 1700	780 x 860 x 1930
Overall size (mm) L x W x H	1250	1250	1650
Main weight (Kg)	1250	1250	1650

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