

***Hata CVX
Interchangeable
Turret Tablet Press***

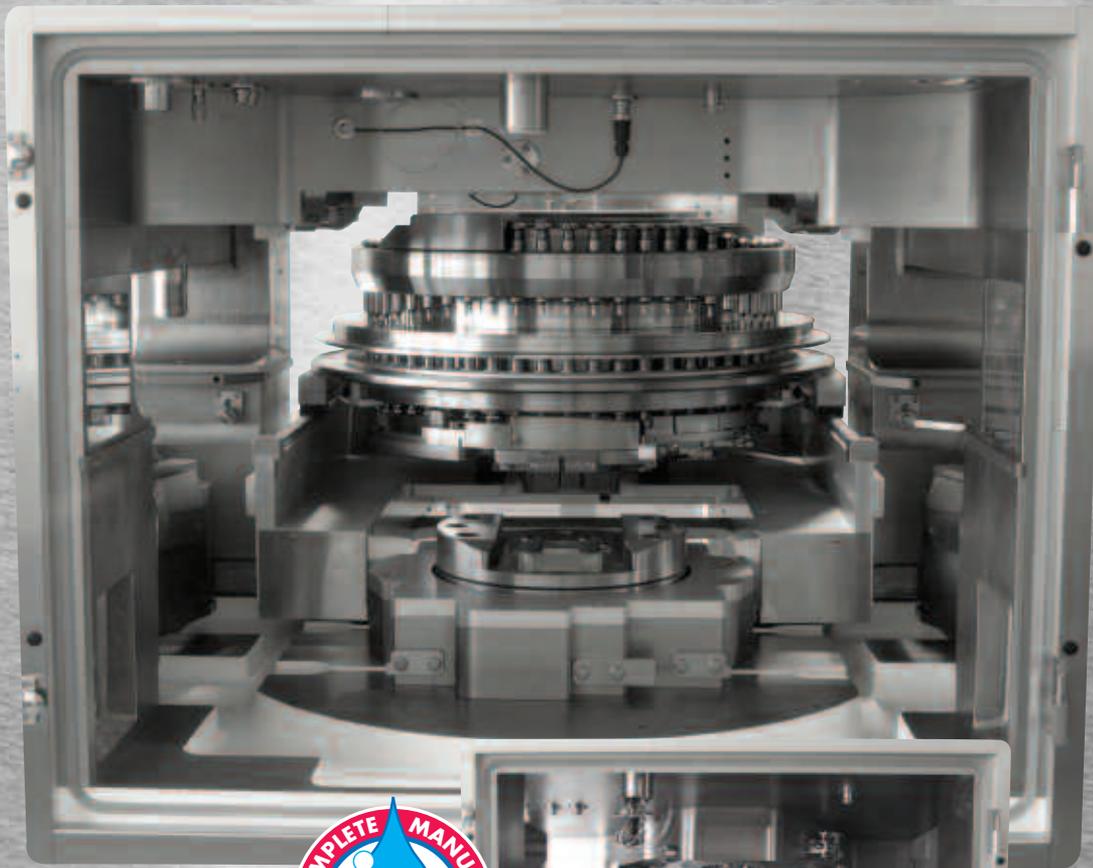


HATA

TURRET AND PARTS REMOVAL FOR QUICK CHANGE-OVERS

The HATA CVX Series provides easy access for maintenance, turret and parts removal, and complete manual Wash-in-Place cleaning. Our easy-clean design features locking pins and thumb screws for a quick and easy, no tool disassembly.

THE *Elizabeth* COMPANIES
Elizabeth Hata International



Turret removal shown in progress and turret removed completely.



HATA CVX INTERCHANGEABLE TURRET TABLET PRESS SERIES

The HATA CVX Interchangeable Tablet Press Series gives you all of the features you need from the small batch single-sided press to the large double-sided production press. Elizabeth Hata's closed 2-stage feeding system and our state of the art software control system is standard on all HATA presses.

The CVX Series Features:

- Quick-change-over from one product to another
- Easy-clean design with manual washdown
- Easy access for quick parts removal
- High visibility into the compression zone
- Portable user-friendly kiosk control
- Operates up to 100 RPM's



*38 Station Single-Sided Press
with Turret Carriage*

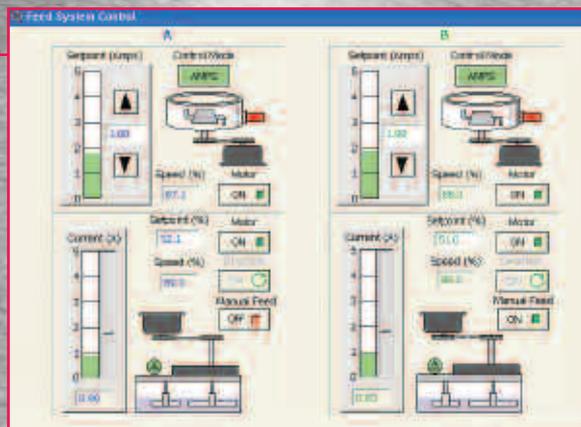
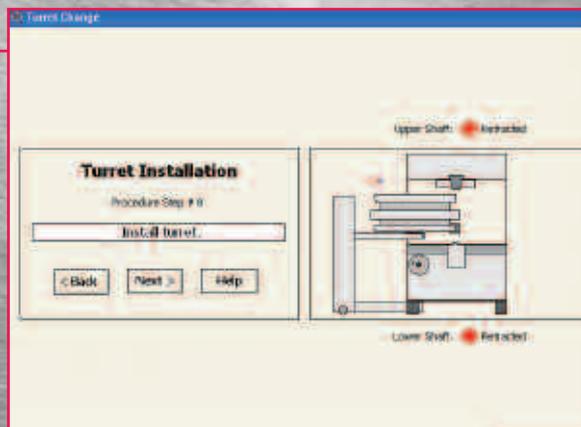
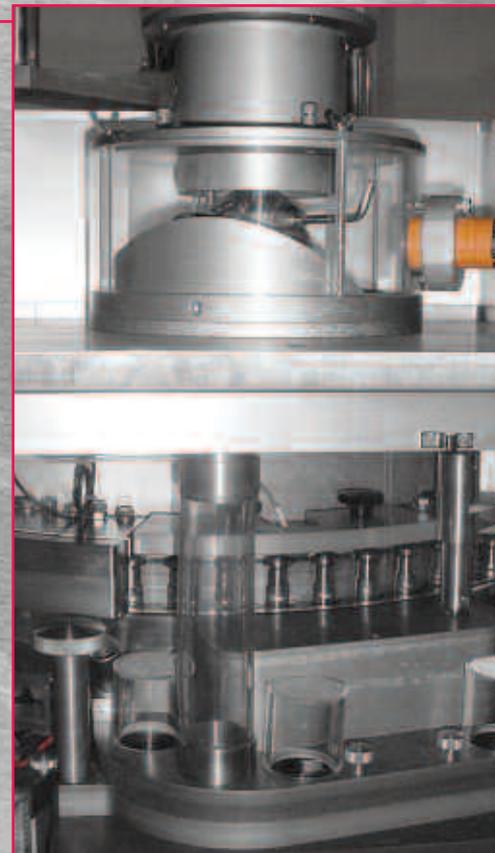
ADDITIONAL FEATURES

Closed 2-Stage Feeding System

HATA's patented closed 2-stage feeding system virtually eliminates tablet weight variation. Granulation is drawn from the primary material hopper into the HATA supply hopper, then to the "closed" circulating feed shoe in two stages. Our patented system allows the computer to monitor and control the rate at which the powder is being fed into both the supply hopper and the feed shoe. This ensures a consistent flow of granulation with minimal density variation.

User-Friendly Operator Interface

A portable, user-friendly kiosk control provides access to the HATA CVX Windows based 21 CFR Part 11 Compliant software interface. The control system is designed and manufactured at our North Huntingdon, Pennsylvania facility and comes integrated with context sensitive help messages to make press operation simple and understandable.

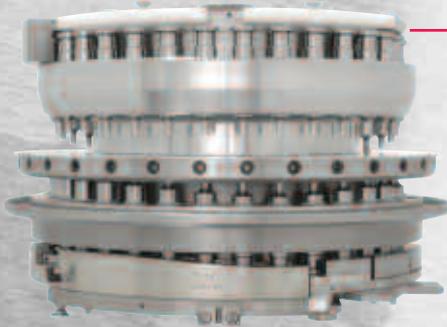


Two sample control screens

Service and Reliability

Our reputation is built on reliable tablet presses and a commitment to service that is unmatched in the industry. Your continuous production is our number one concern and our technicians can be on site within 24 hours in most cases. We carry a complete line of spare parts in our inventory. Our installation, training and validation support will ensure proper use and maintenance of your HATA Press.

ACCESSORIES



Extra Turret and Complete Upper and Lower CAM Assembly with Tooling Installed

Reduce downtime and increase your production capabilities by utilizing the extra turret and cams with tooling installed.

Turret Stand

The stand is used as a cleaning cart and as a work station to install the tooling.

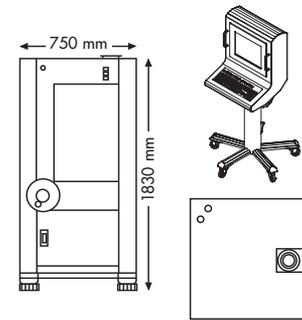
Turret Carriage

The turret carriage is used to remove the interchangeable turret from the HATA Press.

SPECIFICATIONS

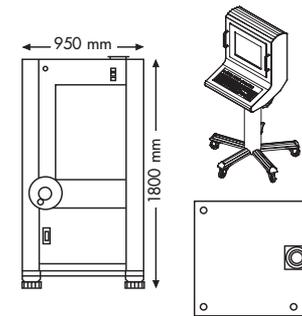
Model: HT-CVX-SSU

Number of Stations	18	24	29
Maximum Diameter of Round Tablet* (mm)	25	16	13
Fill Depth (mm)	0 - 8	0 - 13	5 - 18
Tablets Per Hour	10,800 - 108,000	14,400 - 144,000	18,000 - 180,000
Maximum Pressure (pre & main)	5 metric tons		
Standard TSM Tooling	"D"	"B"	"BB"
Die Diameter (mm)	38.1	30.1	24.0
Die Thickness (mm)	24.7	22.2	22.2



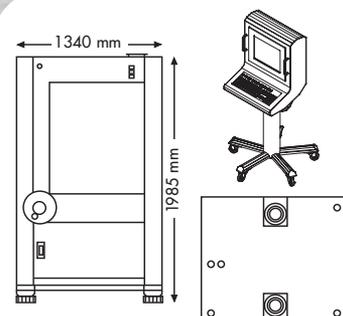
Model: HT-CVX-MSU

Number of Stations	32	38	45
Maximum Diameter of Round Tablet* (mm)	25	16	13
Fill Depth (mm)	4 - 11	7 - 14	11 - 18
Tablets Per Hour	19,200 - 192,000	22,800 - 228,000	27,000 - 270,000
Maximum Pressure (pre & main)	8 metric tons		
Standard TSM Tooling	"D"	"B"	"BB"
Die Diameter (mm)	38.1	30.1	24.0
Die Thickness (mm)	24.7	22.2	22.2



Model: HT-CVX-LDU

Number of Stations	45	55	65
Maximum Diameter of Round Tablet* (mm)	25	16	13
Fill Depth (mm)	4 - 7	7 - 14	11 - 18
Tablets Per Hour	54,000 - 432,000	66,000 - 528,000	78,000 - 624,000
Maximum Pressure (pre & main)	8 metric tons		
Standard TSM Tooling	"D"	"B"	"BB"
Die Diameter (mm)	38.1	30.1	24.0
Die Thickness (mm)	24.7	22.2	22.2



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The Elizabeth Companies understand all aspects of the tableting process because we have dedicated ourselves to providing world-class quality tooling and machinery to the Pharmaceutical industry for more than 50 years. We have strived to achieve an unequalled level of customer service, satisfaction, communication and trust with our customers. Our advanced technology is the result of identifying our customers needs and creating cost-effective solutions.

THE *Elizabeth* COMPANIES

- Compression Tooling
- Blister Tooling
- Hata Presses
- Turrets & Parts