New CVX-Series HATA Triple Layer Press with custom Core-Tableting System
Core-Component Placement Technology

Patented Core Feeding System

The Hata Core-Tableting technology increases Hata’s Triple Layer Press capabilities by efficiently producing single-layer, bi-layer, tri-layer and core-coated tablets.

Patented Core Feeding System:
- Changes from core to bi-layer operation by simply switching the Core Feeder off
- Changes to tri-layer operation in less than 8 hours
- The first and second layer can be different products
- Utilizes a continuous chain

- Allows an item to be inserted into a predetermined location in a specific die
- Applies advanced technology for core-coating and time-release solid dosage tablets and core-component placement
- Cores are held in position and slowly embedded into the tablet over 32-degrees of turntable rotation allowing consistent, accurate and repeatable placement from setup to setup
- The placement/positioning within the die are maintained by the geometry of the transfer cog and once set, cannot be changed
- Cores are normally centered, but can be off-centered if required

Unique Hata Press Feature:
Exclusive Multi-Layer Core-Coated Tablet Application

New CVX-Series HATA Triple Layer Press with interchangeable turret design
**Patented Core Feeder Process:**
- Core Tablets are fed from a Vibratory Bowl on to a Tablet Slide
- Guides the tablets into a Feed Rod
- Guides the tablets into the Tablet Insert Chute
- Positions tablets on the Bowl Top
- Uses centrifugal force to help hold the core in position
- Feeds the cores to the inside of the In-feed Wheel instead of the outside
- Cores damaged by the feeding system are almost nonexistent
- Elimination of core insertion timing issues

**Continuous Chain Belt Assemblies:**
- Rotates along the base by the Chain Belt Assembly
- Chain Belt is driven by the Upper Punches mounted in the Press Turntable
- Rotation causes Push Pin to contact Insertion Cam
- Cam lifts Pin and tablet through Center Core Holder
- Remains centered over Die on Press Die Table
- Upper Punch Contacts Tamp Cam
- Driven Down on to the Core Push Pin
- Forces Tablet into the Die on Press Turntable
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.