



THOMAS PROCESSING LLC reserves the right to make any changes to the described machine characteristics.

**THE LATEST
AND THE
GREATEST**

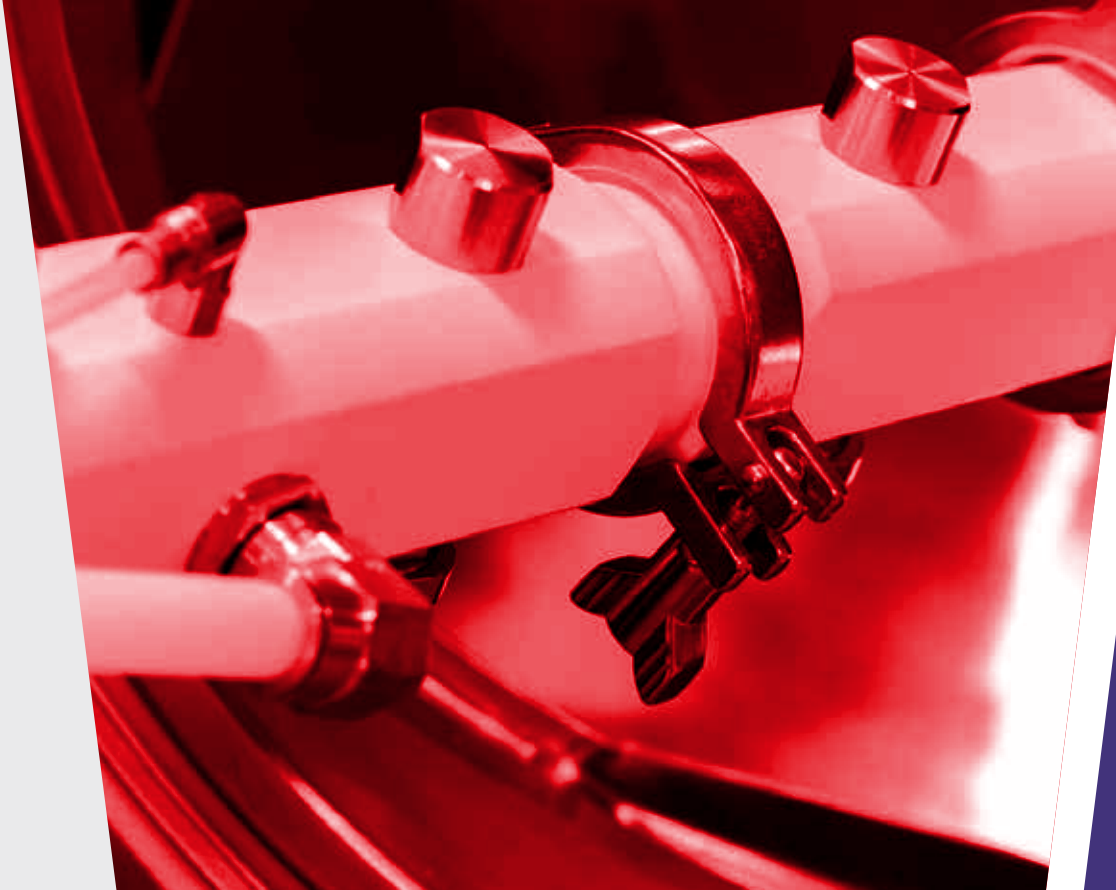


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**NEW
ACCELA CTC 500**





BUILT FOR PHARMACEUTICAL-GRADE COATING APPLICATIONS

The ACCELA CTC 500 extends the capabilities of the industry standard, the Thomas Continuous Tablet Coater (CTC). The ACCELA CTC 500's advanced design is capable of production rates of 100–1,000 kg/hours (process dependent) and provides an industry leading good manufacturing process (GMP) design with full WIP/CIP. Thomas Processing's ACCELA CTC 500 is the only coater on the market manufactured with an active cooling chamber that eliminates the need for additional cooling systems, reducing the footprint of the equipment and streamlining the coating process.

COMPACT DESIGN & IMPROVED AIR HANDLING PROCESS

- Integrated with a 7,000 CFM air handling system
- Proven air plenum design to ensure stable airflow control through the tablet bed
- Optimized airflow design for consistent temperature and humidity control
- Compact design that reduces production plant GMP space requirements

PRECISE SPRAY SYSTEM

- Toolless spray gun disassembly and service
- Indexable mounting hardware for repeatable positioning
- Sanitary solution feed and recirculation connections
- Independent atomizing and pattern air control
- Schlick 930 Anti-Bearding spray guns

INLINE TABLET COOLING CHAMBER FOR REDUCED FOOTPRINT

- Integrated chamber with the coating drum
- Cooling phase prior to tablets discharging
- Heat removal by four compressed air nozzles pointing at the tablets

The integrated spray system is also designed with a recirculation valve to maintain consistent solution movement. During spray pause, the guns are closed and the solution is recirculated back to the tanks to prevent settling of solids. During normal operation, the recirculation valve is closed and the solution is delivered by the pump, supplied to the nozzles, and sprayed onto the tablets.



ENGINEERED FOR CLEANABILITY

- Adjustable spray nozzle angle to suit tablet bed profile
- Retains absolute sequencing of all spray nozzles during start-up and shutdown
- Reduced air turbulence around spray nozzles
- Single-entry spray manifold installation and removal

IMPROVED WASH-IN-PLACE SYSTEM

- Multi-zone systems for full GMP compliance
- Automated recipe control
- Drum and cabinet interior sanitary piping assemblies
- Multi-directional rotating spray nozzles for total wash coverage
- Five individual sanitary zone control valves

