

# ACCELA CTC 500

CONTINUOUS TABLET COATER FOR PHARMACEUTICALS





# 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). Equipped with an advanced design, the ACCELA CTC 500 provides pharmaceutical manufacturers with an improved good manufacturing process (GMP) to eliminate material waste and reprocessing during startup and shutdown. 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
- Improved air plenum design to ensure stable airflow control through the tablet bed
- Better airflow design for improved temperature and humidity control
- Compact design that reduces production plant GMP space requirements

### ENGINEERED FOR CLEANABILITY

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

### INLINE TABLET COOLING CHAMBER

The ACCELA CTC 500 features inline tablet cooling reducing the system footprint.

- Integrating the chamber with the coating drum
- Cooling down the tablets prior to discharge from the coater
- Pointing six compressed air nozzles at the tablets to remove heat

### PRECISION SPRAY SYSTEM

The ACCELA CTC 500 is designed with an integrated spray system that features:

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

### WASH-IN-PLACE SYSTEM

Cleanability is a critical component of Thomas Processing's ACCELA CTC 500 and features improved wash-in-place capabilities, such as:

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



Our 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.



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