



Our commitment to excellence in tablet manufacturing is well demonstrated by our industry-leading Accela-Cota® tablet coating systems. The Thomas Accela-Cota®, featuring a fully perforated coating drum, revolutionized the coating manufacturing process when it was introduced in 1969, and it continues to set the standards for tablet coating with unrestricted air flow, thermodynamic efficiency, and flexibility. Thomas drives innovation in the tablet coating industry with the vision to improve our customers' competitive advantage by providing the most technologically advanced equipment.



Thomas Flex 05®

Thomas Flex 100®

Thomas Flex 200®

Thomas Flex 500®

Thomas Flex 1000®

Thomas Flex CTC®

Thomas Accela-Cota PRO®



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All illustrations and specifications are subject to change without notice



Thomas SPRAY SYSTEMS

The Thomas Spray System for tablet coating equipment is a fully integrated system designed to offer accurate solution delivery rate, with less than 5% gun to gun spray rate differential, and rapid disassembly and cleaning. Our spray system keeps your tablet production process moving forward. The Thomas Spray Bar is fitted with Schlick 930 or 970 anti-bearding spray guns, resulting in consistent performance. The Thomas Spray System with The Thomas Spray Bar ensures superior spray coverage, uniform coating, and repeatable results.

Thomas Spray Bar



The patented Thomas Spray Bar (TSB) is a modular spray manifold. The number of spray guns can easily be adjusted by adding or removing spray bar sections. The modular design eliminates the need for multiple complete spray manifolds. The TSB is designed to eliminate unnecessary parts from the process airflow path, reducing turbulence and improving spray performance. The solution and compressed air lines inside of the spray bar eliminate tablet entrapment areas and create a smooth profile. In the rare event of a clogged spray gun, the fluid nozzle can be removed and cleaned from the gun while the bar is primed and solution is in recirculation. Clearing a spray gun clog takes less than 10 minutes.

All Thomas tablet coating systems feature the TSB. The solution delivery system is engineered to deliver a consistently better performance compared to conventional manifolds, resulting in easily validated, repeatable tablet coating processes.

A Quality Coating Process

- A streamlined sanitary design
- Easy cleanability and minimum downtime
- Efficient product changeovers
- Lightweight sections for easy handling
- Minimal surface area to prevent tablet entrapment
- Hardware that meets GMP requirements
- Innovative external gun positioning

Quick Disassembly and Efficient Cleanability

- Toolless assembly for quick changeover
- Indexable mounting hardware for repeatable positioning
- Sanitary tri-clamp solution feed and recirculation connections
- Schlick spray gun components
- Independent pattern and atomizing air control
- TSB made of FDA approved PEEK thermoplastic



Thomas Accela-Spray PRO



Our Accela-Spray PRO is a standalone solution delivery system for tablet coating, featuring:

- A peristaltic pump with VFD controller
- Solution and pneumatic lines and fittings
- Solution recirculation system
- Independent pneumatic controls for atomizing, pattern, and trigger air
- Solution totalizer system
- Volumetric or mass flowmeter for solution flow rate control

Thomas Spray Bar (TSB) Parts Cart

- Designed Delrin trays to hold individual parts
- Capable of holding fully assembled bar sections
- Prevents parts from touching to reduce damage
- Provides operators with a workstation for assembly and disassembly
- Eliminates downtime and part-searching

