

PRESSING NEWS

A NEWSLETTER OF PRACTICAL INFORMATION FOR TABLET MANUFACTURING

www.thomaseng.com

SUMMER 2009

Tablet Coating Manufacturing Solution



DIFFERENT DRUM SIZES AVAILABLE



THOMAS SPRAY BAR WITH
SCHLICK GUNS

inside...

Aftermarket Services

COMPU-COAT
Obsolescence

2009 Trade Show
Schedule

Manesty Turrets - Priced
below cost!

Thomas Engineering launched the Accela-Cota FLEX 500 in the U.S. at Interphex, NY in March 2009. We introduced this innovative piece of equipment to the world during the Achema Show in Frankfurt, Germany, this May at the KORSCH AG Booth.



Patent Pending

The FLEX 500 has a unique combination of features to help reduce down time for batch-to-batch change over, giving the coater more process time to coat tablets - resulting in enhanced utilization, high throughput, better profit!

With almost limitless possibilities, the FLEX 500 is the preferred choice for processing tablets using film, sugar, functional, and drug layer coatings. Built for today's needs - adaptable for tomorrow's. The ultimate in flexibility.

Innovation - **Production Scale Coater with Exchangeable Drums**

- ▶ Removable drum for inspection and cleaning
- ▶ Five exchangeable drums for unmatched flexibility
- ▶ Interchangeable mixing baffles
- ▶ Patented Thomas Spray Bar
- ▶ Adjustable gun-to-bed angle/distance for all load sizes

Versatility - **Superior Performance for a Range of Processes**

- ▶ Aqueous film coatings
- ▶ Functional and modified release coatings
- ▶ Coating with one or more drug layers
- ▶ Sugar coating

Flexibility - **Easily Configured to Best Suit a Process**

- ▶ Process batch loads from 25% to 100% of drum capacity
- ▶ Dedicate drums to products or to contract manufacturing clients
- ▶ Interchangeable spray bar and gun manifolds
- ▶ Easy to use graphic HMI with multiple languages

Cleanability - **"Total Access" Design**

- ▶ Optimized chamber design for cleanability
- ▶ Faster and more effective cleaning
- ▶ Reduced cleaning validation expense
- ▶ Supports automated or assisted wash options
- ▶ Range of WIP executions available

BAFFLES



EXHAUST PLENUM



AFTERMARKET SERVICES

Field Services

Calibration
Preventive Maintenance
Process Optimization
Commissioning
Validation Support

Training

Coating Systems
Tablet Presses
Punch & Die Tooling

Spares Kits

Consumables
Emergency
Commissioning

CUSTOMIZED
TRAINING
AVAILABLE TO MEET
YOUR NEEDS.

CALL US TODAY TO
SCHEDULE A VISIT!
1.800.634.9910

Preventive Maintenance

▶ Annual or semi-annual preventive maintenance services for your Thomas Engineering coating systems and KORSCH tablet presses.

Calibration

▶ Detailed OEM procedures are followed and provided when calibrating your tablet press or coating system.

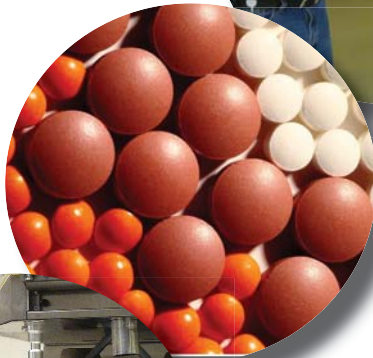
Process Optimization

Ensure your coating system is operating at optimum conditions.

Our team of technicians and process experts can visit your site for a one-day or multi-day visit to observe your coating operations and evaluate the following areas:

- ▶ Coating process parameters
- ▶ Operating procedures
- ▶ Maintenance procedures
- ▶ Condition of the coating equipment
- ▶ Potential equipment upgrades and improvements

Thomas Engineering is the leading manufacturer of tablet coaters in North America. Our staff have over thirty year's experience with all types of pharmaceutical coating processes from film to sugar to enteric to active.



COMPU-COAT CONTROLS

UPGRADE * MIGRATION * REPLACEMENT STRATEGY



Let's face it - obsolescence happens! The ever-quicken pace of new computers and controls technology is shortening the life cycle of equipment in the field.

Thomas Engineering now offers several strategies for upgrading older controls to run on current and well-supported hardware and with Windows XP. We also offer options for migrating older controls to the current COMPU-COAT 6 application and computer hardware. Thomas upgrades are carefully planned and executed, minimizing cost, risk and process downtime compared to total control system replacement.

UPGRADE YOUR COMPU-COAT PC HARDWARE AND WINDOWS OPERATING SYSTEM

Thomas migration from earlier COMPU-COAT version to:

- ☐ COMPU-COAT 6 benefits
- ☐ Same value as an upgrade
- ☐ Operator acceptance
- ☐ 21 CFR Part 11 compliant
- ☐ Enhanced details for recipes and reports
- ☐ Optional integration with customer network
- ☐ Centralized security administration and data storage



Thomas PC upgrade benefits:

- ☐ Provides replacement for obsolete computer hardware.
- ☐ Leverages original control system investment
- ☐ Faster and more reliable PC hardware
- ☐ Better availability of hardware spares
- ☐ Equipment warranty on all newly supplied hardware.

	COMPU-COAT 4 or COMPU-COAT 5			COMPU-COAT 1, 2, 3
	Upgrade (PC Replacement)	Migrate	Replace	Replace (only)
Application Software	Re-use CC4 or CC5	New CC6	New CC6	New CC6
HMI	Re-Use	New	New	New
PC	New	New	New	New
PLC	Re-Use; PLC5	New ControlLogix	New ControlLogix	New ControlLogix
Operating System	WIN XP	WIN XP	WIN XP	WIN XP
I/O VFD/Field Wiring	Re-Use	Re-Use	New	New
All NEW Controls Enclosures (Inlet, Exhaust, Coater, Spray)	No	No	No	No
Requires Process Air Bypass Upgrade	No	Yes	Yes	Yes
Compliance with 21CFR Part 11	No	Yes	Yes	Yes

First Class Mail

WWW.THOMASENG.COM



2009 EXHIBITION SCHEDULE



Canada Interphex
September 16-17, 2009
Metro Toronto Convention Center
Booth #520



AAPS Annual Meeting
November 8-12, 2009
Los Angeles Convention Center
Booth #1239

MANESTY TURRETS AVAILABLE AND PRICED TO SELL

BB4 - 45 station turret
XP700 - 73 station turret
MK4 - 55 station turret
Rotapress 4 or 5 - 55 station turret

MK4 - 55 station turret
XP300 - 22 station turret
Novapress - 45 station turret

XP500 - 50 station turret
XP500 - 39 station turret
XP300 Trolley

WE MUST CLEAR OUT OUR INVENTORY - IMMEDIATE DELIVERY AVAILABLE. CALL NOW!

TOLL FREE: 1-800-634-9910