

EPIC COATTECH™ ANILOX COATING SYSTEM

Add precision coating



to an offset press

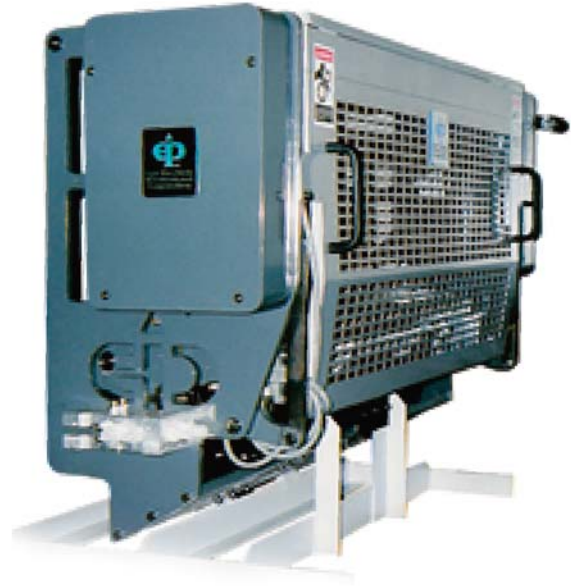
ENHANCING THE QUALITY OF PRINT



Epic Products International Corporation

The Epic CoatTech Anilox Coating System offers precision and versatility to an existing offset press. With over 30 years of press conversion experience, Epic's CoatTech system is the premier solution. Whether the application is upgrading a tower coater, converting a print station or adding a retractable coater, Epic can design the right CoatTech solution. By installing Epic's CoatTech system, users will experience superior performance, improved efficiencies and significant cost savings.

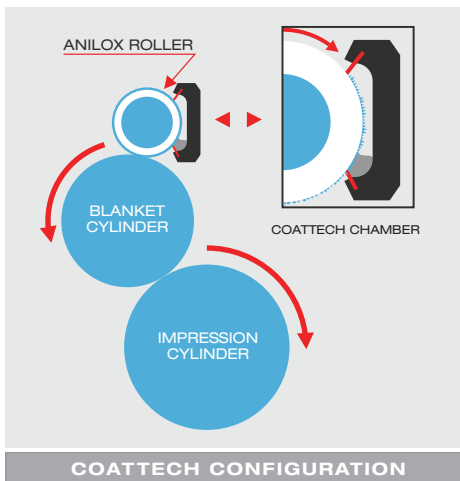
Upgrade an existing press with Epic's CoatTech Anilox System.



- Enclosed fountain with doctor blades
- Quick-release system for fast clean-up and easy change out
- Coater precisely matches press spread
- Anilox roller removes easily to accommodate coating changes
- Laser engraved, lightweight carbon fiber anilox roller provided as applicator to blanket – cell size to customer's specifications
- Manual mode – operator controls anilox roller to blanket cylinder
- Automatic mode – anilox roller will activate when the printing unit goes on pressure
- Integrated coating pump console – all pump and wash-up functions located in a single freestanding enclosure – suitable for UV or aqueous
- Custom painted to match press
- Either vertical or horizontal retraction mechanism, position for printing or coating mode for retractable configuration

How it Works

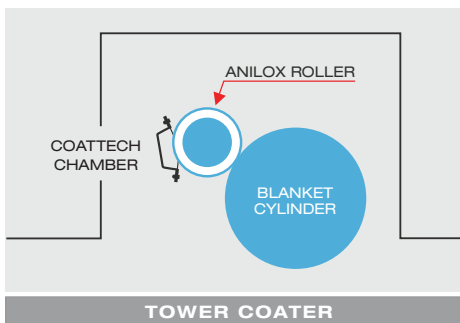
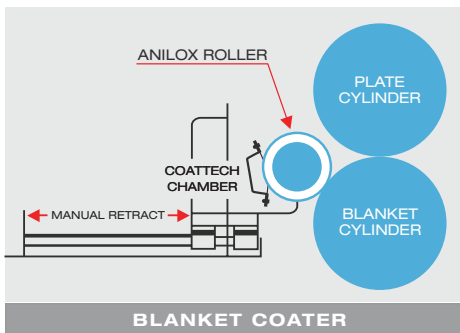
- Coating flows into the chamber from the CoatTech circulator
- Coating is metered to the anilox roller from the chamber
- Coating transfers to the blanket from the anilox roller
- The servo drive powers the anilox roller and is speed tracked to the press via an encoder and PLC control system
- The speed of the anilox roller can be reduced in speed in relation to the blanket cylinder



Custom engineered to fit virtually all offset presses – add precision, versatility and measurable results.

Conversion Options

1. Convert a roller metered tower coater to anilox
2. Permanently convert an existing print station to a CoatTech coating station
3. Install a retractable CoatTech system – *This flexible approach allows any print station to coat or print depending on the job's parameters. An additional option is placing the retractable coater on rails and moving the unit to various predetermined print stations.*
4. Convert a 2-color press into an off-line coater unit



Key Benefits

- Custom engineered to fit most presses
- Supports UV and aqueous, gloss, matte and satin finishes
- Applies specialty coatings – metallics, primers, tints, blister seal, etc.
- Uniform coating thickness and precise edges
- Precise spot coating
- Eliminates orange peel, ribbing, slinging and streaking
- In-line coating, one pass productivity
- Chamber-in-chamber system, prevents coating leaking into press
- Fast and efficient clean up
- Reduces coating usage
- Reduces press waste
- Lowers operating costs by an average of 25%

About Epic

Epic Products International was founded in 1977 and develops equipment that enhances the quality and productivity of the printing process. We manufacture components and assemble our machines in Arlington, Texas. We offer the highest level of customer service and span the globe to serve our diverse customer base.

In addition to our CoatTech System, Epic engineers custom designed coaters for web offset and high speed inkjet presses and precision liquid application systems for the paper industry. We also offer in- and off-line UV/ aqueous coaters for the digital print process. Epic continues to manufacture our world-class Delta Dampening System.



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