

ExactCoat™

EXACTCOAT™ IS A TURNKEY SYSTEM FOR THE COATING AND LAMINATING INDUSTRY, WITH PROVEN APPLICATION PERFORMANCE RESULTING IN FASTER PRODUCTION SPEEDS AND REDUCED ADHESIVE CONSUMPTION. IDEAL FOR WIDE WEB COATINGS WITH STREAK FREE-RESULTS.

PERFORMANCE

High-precision coatings at high speed

RELIABILITY

Flawless results through real time monitoring of pressure and temperature in the die

FLEXIBILITY

Easy integration into existing lines



ExactCoat™ HIGH PRECISION SLOT DIE SYSTEM

ExactCoat™ is the new addition to ITW Dynatec family of slot dies. We now offer a turnkey system for the coating and laminating industry, with proven application performance resulting in faster production speeds and reduced adhesive usage. This highly-accurate and reliable system prevents streaking, permits ultra-thin coatings and maintains industry leading coat weight accuracy. ExactCoat™ dies are specially design to display a hinge as part of the dies. This feature will help our customer to easily open the die for shim access and easy cleaning. In addition ExactCoat™ provides real time monitoring of both pressure and temperature in the die.

FEATURES

- Melt system for the adhesive
- Precision slot die
- Coating station including all die adjusters
- Heated hoses and cabling
- Real time monitoring devices – both pressure and temperature
- State-of-the-art PLC control system

Single PLC to control:

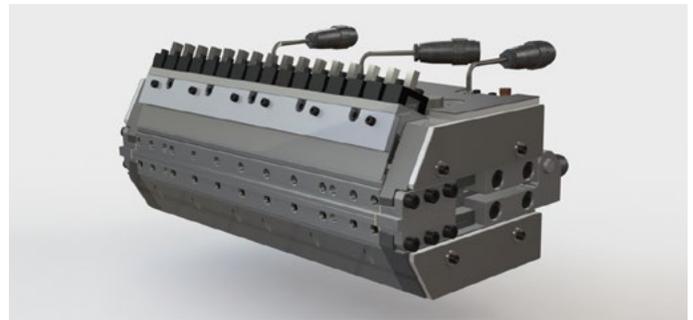
- Temperatures of the entire system **including the die**
- Pump rates
- Pressures

Precision dies adjusting parameters including:

- Die to backing roll tangent point
- Die in and out to backing roll
- Die adjustment along the lip

TECHNICAL DATA

Die Width	Up to 3 meters wide
Coat Weight	0.5 MIL to 100 MIL (depending on fluid rheology)
Speed	Up to 500 meters per minute (based on fluid rheology)
Cross web accuracies	within ±3% (Based on fluid rheology)
Temperature range	Ambient to 500 °F (260 °C) ± 3 °F
Adhesive types	wide range of hot melt formulations including, but not limited to: PSA's, EVA's, Polyamides, PUR's, and APAO's
Viscosity range	100 cps - 80,000 cps



Flex Lip Slot Die



Rotary Rod with Flex Lip Slot Die

LOCATIONS

Americas

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