

CrossCoat™

ITW DYNATEC'S CROSSCOAT™ IS A NON-CONTACT, METERED SLOT APPLICATOR THAT PRODUCES A PRECISE FLOW OF ADHESIVE FOR COATING APPLICATIONS THAT REQUIRE STREAK-FREE RESULTS.

PRECISION

Integrated gear pumps provide exceptional cross-web distribution accuracy to $\pm 3\%$.

FLEXIBILITY

Coat weight and coverage width can be easily changed automatically or manually.

PERFORMANCE

Non-contact application encapsulates surface contaminants instead of trapping them between the die lip and substrate, producing consistent coating performance while minimizing waste.



CROSSCOAT™ PRECISION METERING SLOT DIE

ITW Dynatec's CrossCoat™ is a non-contact, metered slot applicator that produces a precise flow of adhesive for coating applications that require streak-free results. A continuous film is formed from the applicator to the substrate. The cohesion of the adhesive enables it to be stretched as it is applied to the substrate, producing highly accurate and replicable results. Cross-web accuracies to $\pm 3\%$ can be achieved with a minimum application coat weight of 1gsm at web speeds of 1,000 m/minute or more.

FEATURES

- Cross-web distribution accuracies to $\pm 3\%$.
- Ideal for heat sensitive materials.
- Coat weights as low as 1gsm.
- Coat weight and width changes during production.
- Consistent coating on irregular surfaces.
- Streak-free finish.

TECHNICAL DATA

Operating temperature range	38 °C to 200 °C (100 °F to 390 °F)
Viscosity range	1,000 - 200,000 cps
Pneumatic pressure range to solenoid	5 to 9 bar (74 to 125 psi)
Adhesive pressure range	7 to 68 bar (100 to 1000 psi)

LOCATIONS

Americas

ITW Dynatec
31 Volunteers Drive
Hendersonville, TN 37075
Phone: +1.615.824.3634
Fax: +1.615.264.5248
info@itwdynatec.com
www.itwdynatec.com

China

ITW Dynatec Suzhou
No.2 Anzhi Street
SIP, Suzhou, 215122, China
Phone +86.512.6289.0620
Fax +86.512.6289.0621
info@itwdynatec.cn
www.itwdynatec.cn

Japan

ITW Dynatec K.K
Flos Kamata
26-11, Nishikamata 7-chome
Ota-ku, Tokyo 144-0051, Japan
Phone: +81.3.5703.5501
Fax: +81.3.5703.5505
info@itwdynatec.co.jp
www.jp.itwdynatec.com

Europe, Middle East and Africa

ITW Dynatec GmbH
Industriestraße 28
40822 Mettmann, Germany
Phone: +49.2104.915.0
Fax: +49.2104.915.111
info@itwdynatec.de
www.itwdynatec.de

