



# EDI® Die Solutions for Flexible Packaging

Extrusion Die Systems Designed to Maximize Profitability

## The Challenge

Producing Durable and Efficient Packaging

In the fast-paced world we live, consumers look to quickly select products for purchase before moving onto the next task in their increasingly busy day. While the decision to buy an item is based on a variety of factors, the appeal and accessibility delivered by the product's packaging is often at the core.

## The Importance

Delivering High Quality Packaging Material Without Adding Excessive Cost

Packaging is much more than just a transportation solution. Instead, it becomes an integral part of the consumer experience with each fundamental product. Whether the primary objective of a package's design is for protection or promotion, it's imperative that packaging manufacturers choose the right equipment for their extrusion operation - equipment designed to maximize production efficiency and profitability.

## The Nordson Solution

EDI® Die Systems for Flexible Packaging

Nordson is committed to providing the most innovative solutions that enable processors to optimize production. Our die systems for extrusion coating and laminating applications are custom designed with the goal of decreasing the amount of trim required, while providing a uniform polymer distribution, for each customer's processing parameters. These factors lead to significant material savings, helping operations become more profitable.

Deliver *Increased*  
Versatility



## Optimize Production Efficiency with EDI® Systems for Flexible Packaging

### EPC™ Extrusion Coating & Laminating Dies

Achieve superior edge profile control with this innovative and robust die system that is also easily operated

- Allows producers to quickly adjust the product width by moving the internal deckle blade system to open or restrict flow to the ends of the die
- By adjusting individual components within the deckle blade assembly, edge beads can be reduced to a minuscule amount
- Designed with optimized lip lands to create uniform flow orientation and reduce die swell

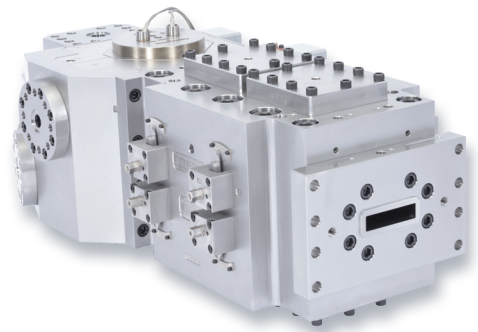


### EDI® Coextrusion Technology

Improve layer thickness uniformity and increase the strength & durability of your film

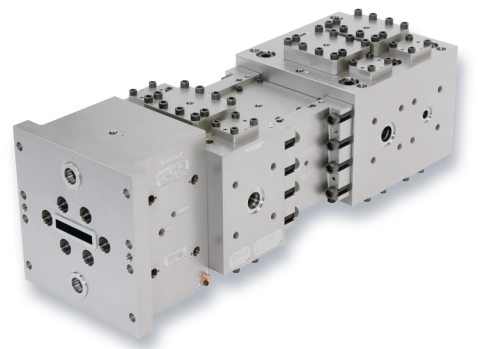
#### *Ultraflow™ Coextrusion Feedblocks*

- Several adjustable and fixed geometry designs are available to ensure there is a Nordson feedblock to fit your requirements
- Feedblocks may utilize optional selector spools and profiled inserts to further customize your production process



#### *Layer Multiplication Technology*

- Streamlined and versatile tool engineered to multiply layers within a coextrusion “sandwich” provided by a feedblock
- No matter how many microlayers there are in the structure, the overall thickness is no greater than a convention coextruded structure containing the same amount of raw material
- By utilizing LMT, barrier properties may be better maintained when packages are flexed, since thinner EVOH layers tend to develop fewer pin holes



### We're Here to Support Your Existing Equipment Too

#### EDI® Aftermarket Services

Whether you need parts, on-site technical service, or it's time to refurbish your equipment, the EDI® Aftermarket Services team has the skills and know-how to help you get the job done.

A well cared for die system, no matter the age, is a significant benefit to any business.

**Scan our QR code with your phone for more details about the services offered by our team!**

