

Let the Insignia die cutting system  
change the shape of your business!

**Insignia**  
DIE CUTTING

## Flexible Die Pricing, Sampling & Testing

For a personalized quote please email  
us with the following information:


- Die line file; even a single image can be Processed into a die line
- Size of Insignia machine the die would Be run on (IS5, IS6, IS7, ISx3)
- Material information (sheet size, material thickness)
- Delivery method; vertical stacking or lateral shingling

 [www.insigniadiecutting.com](http://www.insigniadiecutting.com)

 [www.rollemusa.com/diecut](http://www.rollemusa.com/diecut)

 [insigniadieline@rollemusa.com](mailto:insigniadieline@rollemusa.com)

 @insigniadiecutting

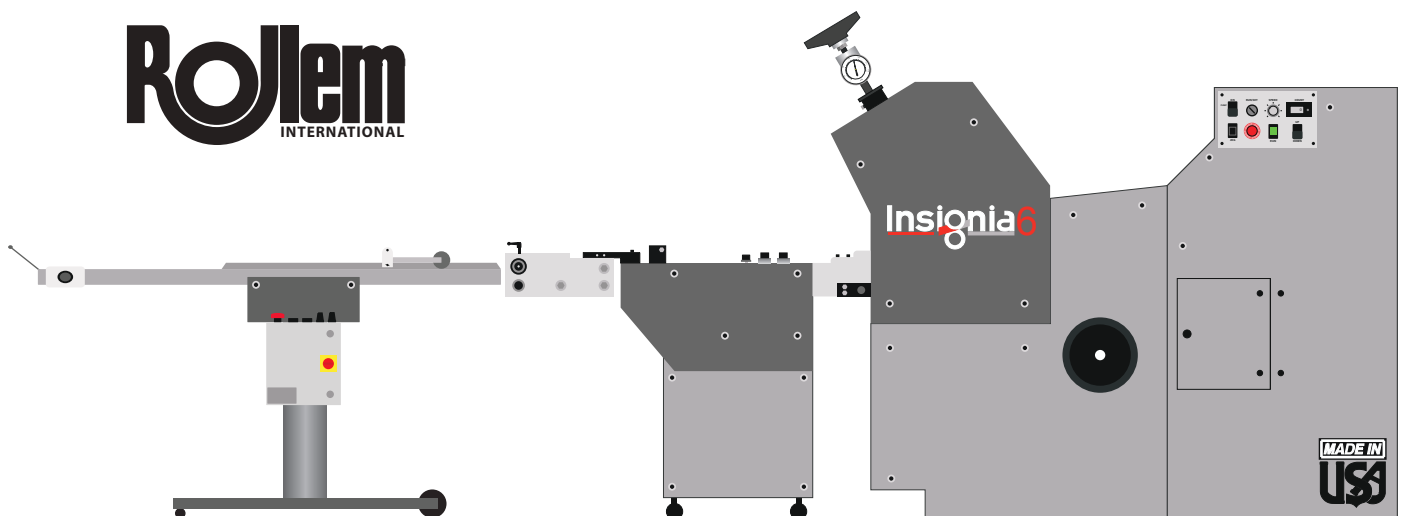
 (800) 272-4381

The Insignia can eliminate sending out  
profitable work and allow for more control  
over production and turnaround times.

The Insignia was designed with versatility and production in mind. Utilizing a proven guide and gripper sheet registration system, Insignia is able to maintain extreme sheet to sheet accuracy. If printing digitally, Insignia offers an optical registration system specifically designed to account for inaccuracies in the imaged work. Insignia can deliver die cut products either in vertical stacks or shingled laterally. Standard Insignia models cut substrates between 0.006 – 0.024" / 0.15 – 0.61mm thick depending on the machine. InsigniaX3 offers die cutting capabilities up to 0.030" / 0.76mm.

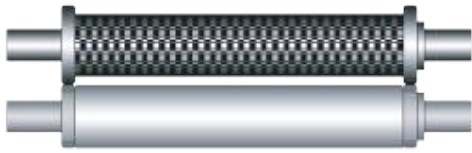
The Insignia is able to produce door hangers, pocket folders, shaped cards, parking passes, sticker sheets, backslit decals, folding cartons, and hundreds of more products with the change of a flexible die. Built 100% in the USA, Insignia machines are heavy duty in construction to yield years of low maintenance production.

**ROLLEM**  
INTERNATIONAL



## Single & Dual Magnetic Cylinder Configurations

Each machine's upper cylinder is always magnetic and houses a flexible die, however, a choice is offered with the lower cylinder between a matching magnetic cylinder for a dual magnetic machine or a hardened, solid anvil cylinder in a single magnetic machine.



**A single magnetic system is recommended to produce rounded or shaped cards, or pressure sensitive kiss-cut work** such as: shaped greeting cards, packaging inserts, decals and pressure sensitive applications cutting to a liner, garment tags, event passes, invitations, door hangers, bottle neckers, card carriers and much more.



**A dual magnetic system is commonly utilized when running packaging products or folding carton work.** Items commonly produced consist of: channel scored folding cartons, presentation folders, embossed envelopes, uniquely shaped direct mailing pieces, POP displays and fold over greeting cards.

### Single or Paired sets of Flexible Dies

A single magnetic machine will utilize one flexible die and cut against a lower, hardened anvil cylinder. A dual magnetic machine utilizes two flexible dies running as a 'male/female' paired setup to channel score or emboss substrates. A channel score can be achieved from either the top or bottom die tool. A single magnetic configuration is ideal when straight die cutting, or when kiss cutting to an adhesive liner. Dual magnetic cylinders enable zero make-ready when producing pocket folders or folding cartons as well as enable embossing or debossing of substrates in a single pass, from either side of the substrate.

### Flexible Dies vs. Steel Rule Dies

With tolerances of less than 0.001" / 0.02mm, flexible dies are manufactured extremely precisely, and allow for maximum accuracy when kiss cutting to an adhesive liner, as well as cutting complex die cutting patterns. The tolerances they are produced to are far tighter than that of a steel rule die. Flexible die technology has advanced into die cutting of substrates as thick as 0.030" / 0.76mm.

Complex die cutting patterns, multiple blade heights to die cut and kiss cut, perforation blades, scoring elements and embossing patterns can all be placed on a single flexible die with hardening options available to extend die life.



## Delivery Systems

Insignia die cutters can be run in-line to Insignia folding gluing equipment (top image) for finishing production of products like a pocket folders, folding cartons and mailing pieces.

An Insignia folder/gluer unit is easily configured to run in-line with a die cutter or as a near-line solution with minimal changover to either machine, and no additional equipment!

The Insignia machines are capable of delivering a full sheet of die cut or kiss cut product, or it can strip the die cut pieces from the skeleton and deliver the die cut pieces into a vertical stack (A) on a StackMaster, or onto a shingle delivery table (B).

The StackMaster delivery unit is available with interchangeable cassettes for various sizes of product. This delivery is ideal for products with order sensitive print or variable data in sort order. This stacker requires minimal offloading labor for added savings.

Product delivered onto a shingle delivery table or into a StackMaster unit can vary from a single lane of product up to 12 lanes depending on size of piece being cut. Interior holes within the die cut product can also be removed when delivering onto a shingle delivery table with the Insignia air blast kit. (depending on size of hole).