

STRATEGIC SOLUTIONS

PPC PRODUCT SHOWCASE



IMPACT Converting & Systems Solutions is a single source for all converting needs. We have the tools, technologies, and knowledge to help you convert even your toughest challenges into solutions.

PRODUCT SPECTRUM

FLEXIBLE DIES

Only supplier of wide web rotary pressure (RP) flex dies manufactured within the US (range: 4" - 50")



EAGLE DIES

Able to cut detailed shapes previously only available through laser cutting – stand alone or SRD insert



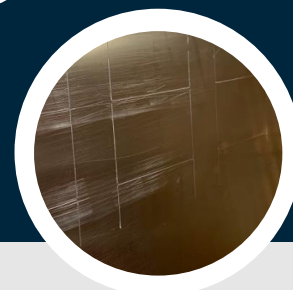
STEEL RULE DIES

Highest quality SRD dies in industry available made by top innovators holding over 300 product patents



CORRUGATED DIES

Proven to outperform and outlast comparable tools in the packaging industry



COUNTERPLATES

Available in either steel or phenolic option for short runs



SOLID ROTARY DIES

Crush cut and RP dies for long run projects or difficult materials



MODULES/SYSTEMS

Custom purpose-built systems to suit your unique needs

CHALLENGE: CUTTING COATED PAPERBOARD

There are two main reasons for applying a coating to paperboard; to provide resistance to grease/oil/water *or* to enhance appearance. With sustainability being a pillar priority in paperboard packaging, we are seeing more and more variations of coatings applied to paperboard that are eco-friendly. These coatings are not forgiving on die blades and can cause premature die wear & shorter die life, especially on intricate cutting areas like opening features.



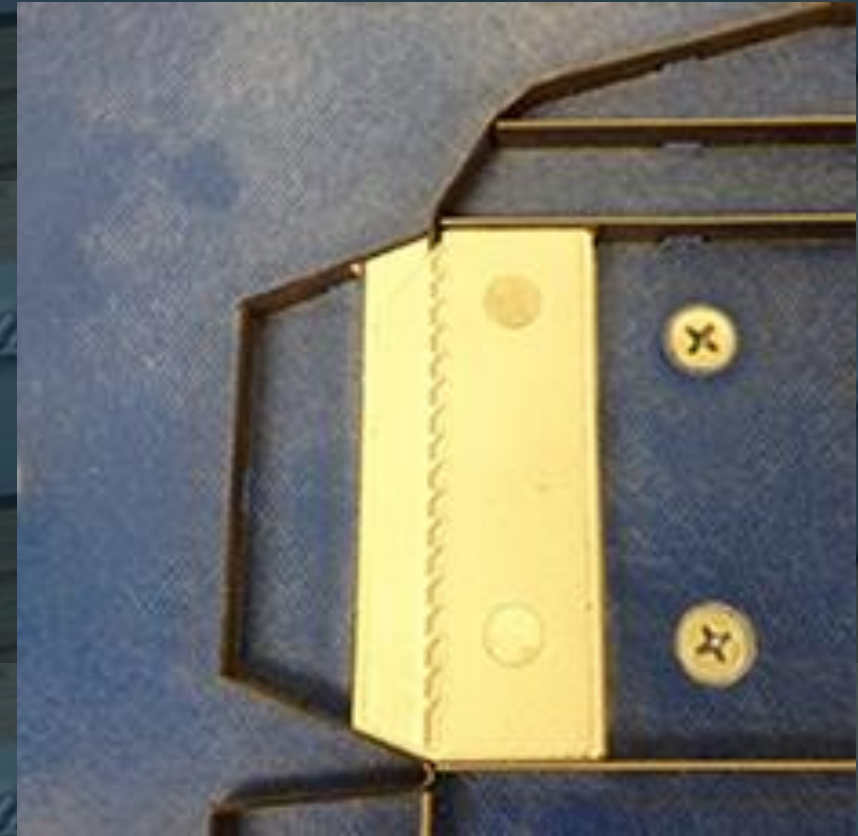
SOLUTION #1: EAGLE DIE INSERT ZIPPER OPENING

ATTRIBUTES:

- Reduces make-ready times
- Die life of eagle die insert equal to steel rule
- Easy replacement of damaged knife edge
- Eliminates paper dust over steel rule

APPLICATIONS:

- Detailed opening features
- Use where steel rule is not the best solution
- SQF-compliant



SOLUTION #2: SEGMENTED SOLID DIE

Segments are incorporated into the solid die for high wear areas that dull quickest due to the abrasive qualities of coated paperboard. The segments can be sent in for resharpening while backup segments are applied. Less downtime on press means exponentially increased productivity.

APPLICATIONS:

- Higher volume projects
- Large cartons/products
- Flexibility in design such as handle changes



CHALLENGE: CARTONS NOT STAYING GLUED

An elegant curated and designed package is meaningless if the flaps don't seal properly. Substrates and their glueability can certainly play a role in this challenge, however often overlooked is the cutting process and what can be done prior to adhesive application to prepare the carton to be sealed properly.



SOLUTION: EAGLE DIE GLUE ASSIST SRD INSERT

Seamless cutting knife inserted into a steel rule die.

ATTRIBUTES:

- Enhances glue performance by providing a porous surface on the flap for better adhesion when gluing folding cartons
- Can be run on a variety of presses
- Easy to mount and register
- Hold tight tolerances

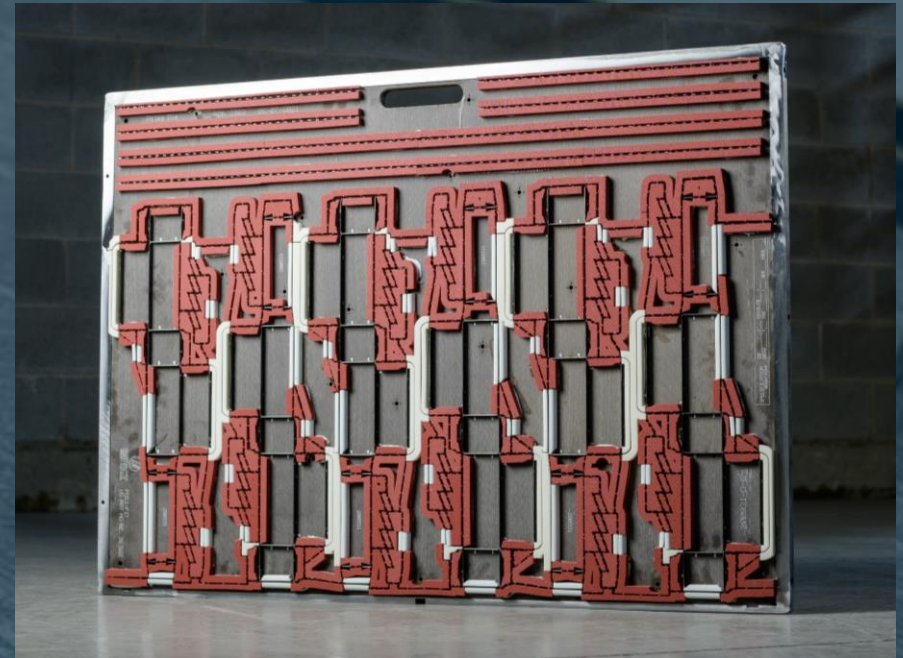


SOLUTION: PREMIUM DIE BOARDS

The originally patented Gamma, Rayform, and NeverDie die boards are our premium die board options, which yield roughly 20-50 re-knives over the life of the die board. Output in between re-knives is considerably higher than that of wood dies as well. Both factors equate to more time on press without stopping for changeout *and* more parts produced over the life (and cost) of the die board.

ATTRIBUTES:

- Highest quality in the industry
- Stronger & more precise than wood dies
- More re-knives over the life of the board



TECH TEAM

Have a converting issue not covered here? We have a team of experts who are ready to deploy to your facility who can evaluate your entire converting line and suggest changes to improve productivity & machine performance, maintain proper safety standards, and provide proper die handling training to extend the life of your dies.

SERVICES INCLUDE:

- Evaluation of:
 - Safety
 - Pre-make-ready
 - Cutting area
 - Equipment
 - Tooling
 - Die shop
 - Inefficient layouts
- Guidance of proper die handling and best practices
- Hands-on training with new operators

RESULTS INCLUDE:

- Increasing line speeds
- Increasing efficiency
- Increasing die life
- Reducing waste

SOLUTIONS SUMMARY

CHALLENGES & SOLUTIONS COVERED TODAY:

- Challenge #1: cutting coated paperboard
 - Solution #1: Eagle die insert zipper opening
 - Solution #2: segmented solid die
- Challenge #2: cartons not staying glued
 - Solution: Eagle die glue assist SRD insert
- Challenge #3: time consuming changeovers with wood dies
 - Solution: Gamma, Proform, or NeverDie premium die board options

WHAT SETS US APART FROM OTHER SUPPLIERS:

- Exemplary customer service with one point of contact
- Game changing Tech Team on-site evaluations
- One-stop shop for all your converting needs

WHAT'S YOUR **BIGGEST** CHALLENGE?

CONTACT US



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