

Rotary Cutting Dies:

Highly Engineered For Diecutting Productivity.

Since pioneering the rotary cutting die in the early 1960s, Container Graphics Corporation (CGC) has made continuous improvements to the technology. The results? Increased productivity and efficiency of our customers' box-making and interpack applications.

Relying on our experience and insight in the industry, we have made countless changes to our rotary cutting dies. Subtle changes have led to major performance improvements. Each rotary cutting die component has been re-engineered — from the height and design of our cutting rules, to the placement and development of special shapes and types of ejection and strip-page rubber. These highly engineered changes have resulted in accurate diecut dimensions, complete cutting and scoring, clean edges, and the elimination of board crush — even in the most complex applications.

We've learned from experience that one die isn't suited for every application so CGC has engineered and customized components to maximize results.

The **Phase II Rotary Die** set the standard for diecutting and still leads the industry, solving specific diecutting application problems. The **High-Test Single Wall Die**, **Low-Test Single Wall Die**, and **Double Wall Die** are designed to effectively handle these distinctly different diecutting applications. The **Across Corrugation Die** offers exceptional dimension control with drastically reduced wrinkling and wrapping.

If you need increased productivity and improved diecutting quality from a rotary cutting die, look to the industry's pioneer for a solution — Container Graphics Corporation. Highly engineered, customized rotary cutting dies for your toughest diecutting situations. Call today for more information.



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Typical Rotary Diecutting Problems

- Poor stripability
- Cracking scores
- Rolling scores
- Lack of dimension control
- Low productivity
- Wrinkling and wrapping
- Poor top to bottom box compression
- Shortened die life

Container Graphics Corporation.

More than Rotary Cutting Dies. Highly-Engineered Solutions.

As pioneers of the industry, Container Graphics Corporation (CGC) understands the problems associated with rotary diecutting. That's why our **Phase II Rotary Dies**, including **High-Test Single Wall Die**, **Low-Test Single Wall Die**, **Double Wall Die** and **Across Corrugation Die**, are highly-engineered. Highly-engineered for solutions. Our rotary cutting dies have more

than 15 patented, patent pending and exclusive enhancements. Our dies solve many of the problems experienced with rotary diecutting applications, including low productivity.

Review the chart below to examine CGC's improvements to rotary cutting die technology. Then call us for more information.

CGC Solutions		Diecutting Problems													
		Stripping	Cracked Scores	Poor Scoring	Dimension Control	Low Productivity	Wrinkling	Blanker Wear	Die Life/Repairs	Crushed Flutes	Top to Bottom Compression	Poor Stacking	Inability to Slit Score	Wrapping	Perf Problems
Cutting	Proprietary Cutting Rule (3)	●	●	●	●	●	●	●	●	●	●	●	●	○	○
	M-PReSS™ Perf Score (1)	●	●	○	●	●	●	●	●	●	●	●	●	●	●
	M-PReSS™ (1), (2)*				●	●		●	●	●	●	●	●		●
Scoring	Proprietary Scoring Rule:														
	Container-Score™ (1)		●	●	●										
	Polyscore® (1)		●		○	○		○							
	FrogScore (1)		●		○	○		○							
	Score-Tops™ (1)		●	●	●	●		●	○	●	●				
	Dynascore™ (1)		●	●	●	●		●	○	●	●				
Stripping/Rubber	GearTooth™ Slot Rubber (2)	●			○	●		○	●	○	○	●		○	
	Hex Rubber (3)	○			○	●	●		○	●	●	○			
	Rubbering Techniques	●	○			●	●		●	●	●	●		○	
	Lead Edge Trim Flippers™ (1)	●	●	○	●	●		●	●	●	●	●			
	Thin Wall PowerPunch™ (3)	●	●	○	●	●	○	●	●	●	●	●			
Training/Support	Training/Education (4)	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Technical Support	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Key: ● Major Impact ● Significant Impact ○ Moderate Impact
 Status: (1) Patented (2) Patent Pending (3) Exclusive (4) Copyright * Rule used in application of slit score, perf, tear out feature, nick or tear strip



GearTooth™ Slot Rubber



Thin Wall PowerPunch™



Score-Tops™



Flippers™