Rubber Selection Guide for DDI Standard High Performance Rotary

How DDI Rotary Stripping Works

45° ANGLE

CREASE

SLOT RUBBER-

TIGHT TO

SLOT "NOSE"

SLOT RUBBER

1/8' - 3/16"

AWAY FROM

SLOT "NOSE"

PERF

STRIP RUBBER

AWAY FROM

SLOT "NOSE"

Bolting Guide for Rotary Dies



Waste Rubber

"Shark" Scrap Ejection Rubber (Firm) 1/2" over cutting rule Closed Cell Sponge



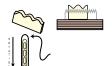
Lead Edge Trim Ejection Rubber (Soft)

1/8" over cutting rule. Closed Cell Sponge Tight to trim knife, 1/4" away from trim breaker.



Trail "Trim" Ejection Rubber (Hard)

1/32" - 1/16" over cutting rule. Closed Cell Sponge Tight to trim knife, 1/4" away from trim breaker.



Slot & Narrow Scrap Ejection Rubber

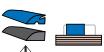
1/8" - 3/16" over cutting rule. Micro Cell (High Density) "Scalloped" top as shown. Fill slot length but allow approximately 1/64" at sides for movement.

* Allow 1/8" (gap) at end of slot rubber pieces where rotation force will push the rubber toward the "nose" of the slot.



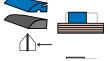
Product Rubber

NFS Product Ejection Rubber (Soft) 1/16" over cutting rule. Closed Cell Sponge



Crease Rubber

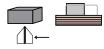
Curved Score Rubber - Shoulder-Flex-2 Even with score rule.



Curved Score Rubber - Cushion Crease

1/32" below score rule. Apply continuously along both sides of curved scores.

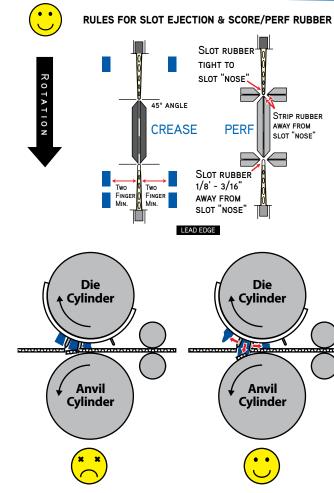
Cut 45° angle at ends.



Curved Score Rubber - "Low Crush" (Soft) 1/16" above score rule.

Closed Cell Sponge Strips Apply continuously along both sides of curved scores.

Cut 45° angle at ends.



"Old Style" Waste rubber and Box Ejection rubber are the same height and too close together.

NEW "SHARK" Waste Ejection rubber is much HIGHER than Box Ejection rubber.

Die

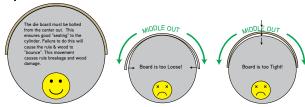
Cylinder

Anvil

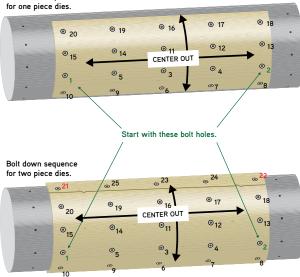
Cylinder

"SHARK" bends and pins waste to anvil. PLUS Box Ejection rubber is spaced AWAY from cut outs.

Start from the "crown" and work toward the edges. Rotary Die Wood will change size and shape over time!



Bolt down sequence



It is important to be sure the first horizontal row bolted down is "centered" over the cylinder's bolt holes along the entire row!! Misalignment here will cause later rows to be out of position.



To ORDER any of these materials call 419-861-7233-, or ask your DDI CSA or Sales Rep.

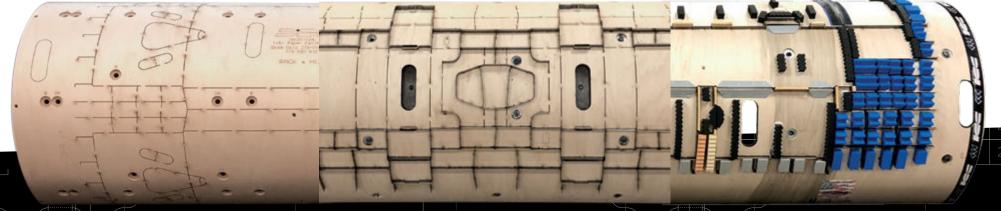
The NEW DDI Rotary Die

The most versatile rotary die on the market is the DDI standard!

This specification optimizes performance over the broadest range of corrugated materials!

To take advantage of the NEW DDI ROTARY DIE:

- 1) Select one of three waste sizes. a.) $1^{-1/2}$ " x $2^{-1/4}$ " b.) 2" x 3" c.) $2^{-1/2}$ " x 4"
- 2) Select one of three crease rubber options.
- 3) Say YES to the DDI specification.



- High Curve Tolerance Premium Wood
- High Performance Pulse Laser, +,- .005"
- Specific Engineering of Laser Cut Widths
- Uniform Bridging for Die Board Strength
- Counter-bored & Reinforced Washers for Bolt Holes

- Special Attention to Rule Joints
- Welded Joints When Needed
- Joint Location Engineered
- Engineered Serrations Specific to Cut Requirement
- Specialized Perforation, Tear and Crease Options

- Shark Rubber Scrap Ejection System
- Soft Product Rubber for Continuous Contact
- Long Lasting High Performance
 Slot Rubber



The Dynamic Dies Incorporated philosophy is to engineer a rotary cutting die that works over the broadest range of conditions and then standardize around it to capitalize on the efficiencies gained in the process.

Process routines create repeatability that connect to reliability of performance and more speedy delivery! Box makers want and deserve the best die they can buy in a time frame that meets the demand.