



## FALL 2019 eNEWSLETTER

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BOOKBINDING MADE SIMPLE!

*Are you tired of the book block sagging out of the cover?*  
**Problem Solved with the ODM Lock Binding Process.**

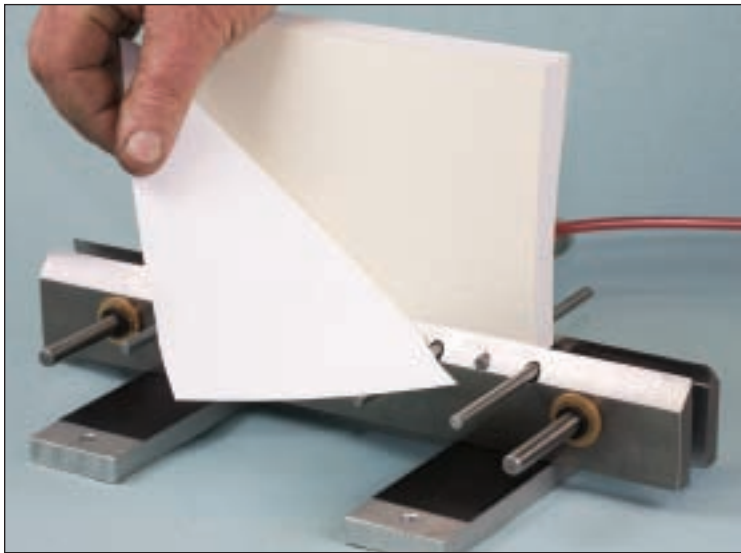
## Lock Binding Layout

- Hot Melt Adhesive
- Soft cover (after front and rear cover removal)
- LBS Tabbed End sheet Reinforcement
- Perfect Binder Side Glue

## ODM Lock Binding Process

- ✓ Add LBS tabbed end sheets to pages
- ✓ Perfect bind pages either with PUR or EVA
- ✓ Apply side glue while perfect binding
- ✓ Apply regular soft cover during perfect binding
- ✓ **The soft cover basis weight needs to be 2 to 3 times thicker than LBS end sheet reinforcement.**
- ✓ Strip front and rear soft cover from book block, leaving 1/4" wrap around on front and rear of block.  
**ODM Stripper makes this process easy and precise.**  
 It is important that the binding is not damaged during this process.
- ✓ Casing-In and Building-In normally, positioning hot melt over the soft cover wrap. (If you are using an ODM Super Sticker™ with hot melt).

### ODM Stripper



Stripper is used to cleanly remove front and back cover, leaving a 1/4" wrap around.

**Lock Binding Book Block** "How to Hardcover Bind on Small Perfect Binders" By Werner Rebsamen, Professor Emeritus RIT  
[http://www.odmachinery.com/wp-content/uploads/2014/06/lockbindingbookblock\\_wernerarticle.pdf](http://www.odmachinery.com/wp-content/uploads/2014/06/lockbindingbookblock_wernerarticle.pdf)

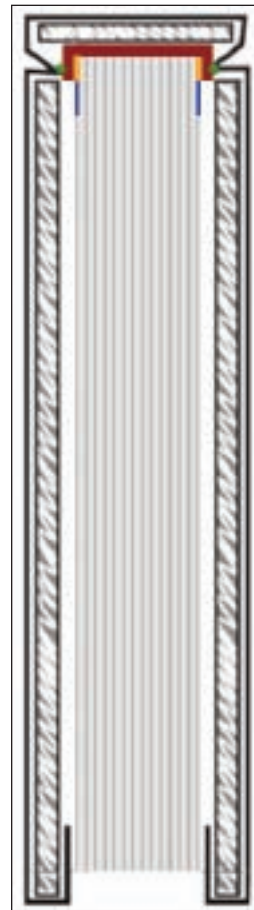


Figure A

**Hinge Point of Book**  
 (If soft cover wrap is strong enough!)

### Key Points of Lock-binding

- Cover must hinge above the joint area to protect the binding. (Figure A)
- Soft cover **MUST** be stronger than the LBS reinforcement on the tabbed end sheets
- Soft cover front and rear must be removed cleanly, not damaging the book block

### Problems & Solution Book Block Sags Out of Cover

- a. Soft cover wrap is not strong enough (forces hinge point towards the spine).
- b. Building-in point is too low (closer to the spine).
- c. Perfect binding side glue is not applied well.

### Hinge Point Example



Lock Binding demo: <https://youtu.be/giDIOdcBalg>

# BACK BY POPULAR DEMAND

*Are you tired of pages falling out of your bound books?*

**Problem Solved with Side-Sewn Book Block Produced on ODM's Super Sewer™ XXL.**



**Back Tack Technology™ ensures a strong, side-sewn block with a reverse back stitch on the head and foot of the book block.**



**ODM's Next Generation Super Sewer™ XXL is ideal for side-sewing book blocks up to one-inch (25 mm) thick.**

#### **Book size:**

Minimum: 5" x 5" (125 mm x 125 mm)

Maximum: 18" x 18" (450 mm x 450 mm);  
up to 1" (25 mm) thick

Production: up to 400 book blocks per hour

#### **Watch Super Sewer XXL video:**

<http://www.odmmachinery.com/products/super-sewer-xxl/>

## **Side-sewn book blocks are stronger and built-to-last for generations to enjoy.**

If your objective is to produce a strong, durable book binding look no further than the side-sewn book block. It's a fact, religious prayer and school text books are the toughest, most durable in the world and that's because those book blocks are side-sewn. Therefore, if you want your photo books, yearbooks, children's books to be bound to the highest quality and last for generations to enjoy you should seriously consider a side-sewn book block.

The Next Generation Super Sewer™ XXL is an automatic side-sewing machine designed for producing 'on-demand' books from wallet to tabloid size and up to one-inch thick. The Super Sewer™ XXL features the same **Back Tack Technology™** as in the original Super Sewer™. Simply put, the machine does a reverse lock-stitch on the head and foot of the book block ensuring a very strong side sew which will not come apart like standard side-sewn or PUR bound books normally do. The Next Generation Super Sewer™ XXL pre-drills holes prior to thread stitching enabling the book block thickness up to one inch. The Next Generation Super Sewer™ XXL can sew up to 400 books per hour and is easy to operate with a touch screen LCD color control panel, high speed drill station and vacuum drill waste removal system. CE approved.

### **Benefits using side-sewn book blocks produced with ODM's Next Generation Super Sewer™ XXL**

- ✓ Strongest method of any commercial binding.
- ✓ Book blocks do not come apart.
- ✓ Ideal for yearbooks, children's and photo books.
- ✓ Imposition layouts are not critical.
- ✓ No bind-fold is required.
- ✓ Side-sewing lock-stitch machine can handle any type of a stack of paper up to one-inch thick.
- ✓ Fast and efficient productivity as the entire book block is sewn through the side.
- ✓ Side-sewn books lay flatter than you think.



**FREE TECH SUPPORT | 908-351-6906**

# WHAT'S NEW AT ODM...

## Menu Corners Made Simple with ODM's Panel Corner Applicator™

ODM Panel Corner Applicator™ is a semi-automatic machine designed to apply accurately aligned corners to menu panel inserts. No more carpal tunnel claims. Speed up production with this once hand process.

ODM Corner Panel Applicator™ can apply 4 corners per 20 seconds; **that's up to 180 panels per hour.**

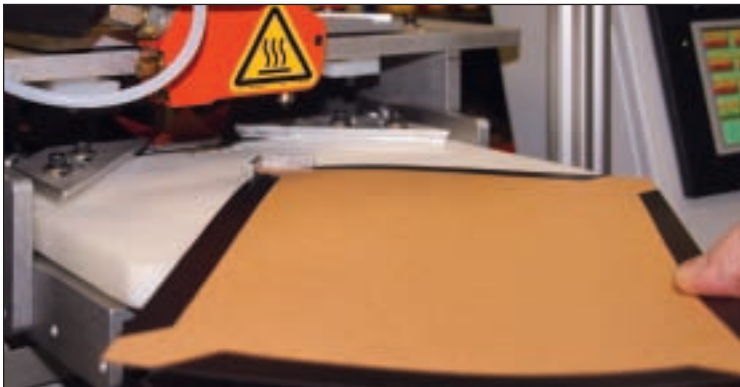
### STANDARD FEATURES:

- Easy-to-operate LCD touch screen control panel
- Dynatec hot-melt supply unit provides exceptional value that's designed for precision glue application.
- Consistent symmetrical corners applied every time.
- Adjustable score pressure

**Machine Affixed Panel Corners Accurately Aligned Every Time!**



**Top loading hopper stacks and pre-aligns corners. Holds up to 200 die cut corners.**



**Menu panel is hand inserted into precision guides prior to depressing foot pedal cycle for panel corner application.**

Panel formats available for lunch, dinner, beverage and dessert menus.

<http://www.odmmachinery.com/products/panel-corner-applicator/>

Visit ODM Casemaking System for producing outer shell of menu book.

<http://www.odmmachinery.com/products/casemaking-system/>

**NEW!**



LCD Touch Screen Control Panel

Dynatec hot melt adhesive supply

**Watch machine affix corner panels accurately.**

<https://www.youtube.com/watch?v=qZKU6uuOZ04&feature=youtu.be>



**FREE TECH SUPPORT | 908-351-6906**

## Corner cuts made simple with the ODM Slicer™ Corner Cutter

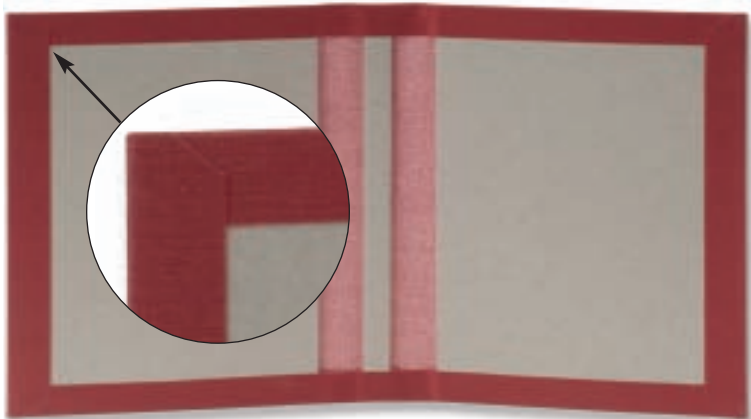
*This is the only corner ODM will ever cut!*

ODM Slicer™ is a simple, hand-operated machine designed to cut perfect corners on cover sheets (up to 1" stack height) prior to the casemaking process of producing the hard cover.

- No make-ready time is required
- Perfect symmetrical corner cut every time minimizes waste of cover material stock.
- Knife blade safety guard helps prevent injury

### OPTIONAL TABLE STAND:

- Slicer™ tabletop is bolted into stand
- Sturdy, heavy-duty steel legs
- Bottom shelf for storing cover stock
- Dimensions: 36"W x 26"D x 34"H



*Close up of cut corner made with ODM Slicer™. The Slicer™ produces a perfect cover for the casemaking process in creating the hard cover outer shell for hard cover bookbinding.*

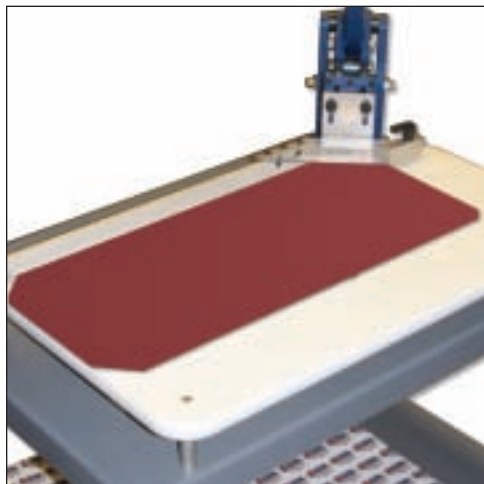
*Visit ODM Casemaking System for producing outer shell of the book.*

*<http://www.odmachinery.com/products/casemaking-system/>*

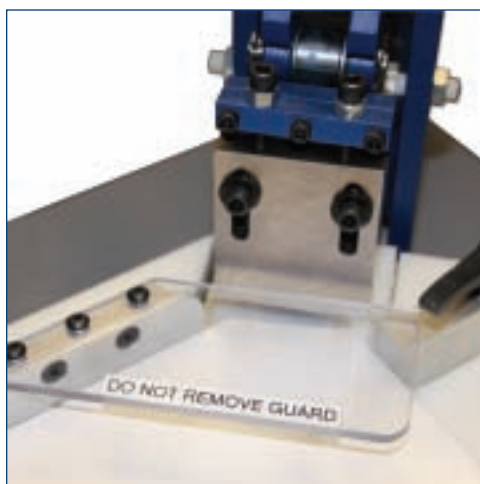


*ODM Slicer™ shown with optional heavy-duty tabletop stand and storage shelf.*

*<http://www.odmachinery.com/products/slicer/>*



Trimmed Corner Cover Sheets



Knife Blade Safety Guard



Manually Operated

# CUSTOMER TESTIMONIALS...

## ODM Saves the Day at BR Printers with a Just-in-Time Delivery of our Sticker™

### Sticker™ Casing-in Machine!

This economical and compact machine was designed with on demand binding operations in mind. The operation of the Sticker™ consists of placing the book on the wing while the machine is in the home position. After the book is loaded, the operator depresses a foot switch that drops the wing below the glue rollers.

A servomotor brings the two glue stations in contact with the book while the wing travels upward, applying a uniform coating of adhesive to the end-sheets. As the book emerges from the glue pots the operator places the cover in position with a handy cover guide and removes the book from the wing. No make-ready time is required as the machine is self-adjusting. Glue stations are easily removed for a quick cleanup.

- Produce 100 to 400 books per hour.

#### OPTIONAL FEATURES:

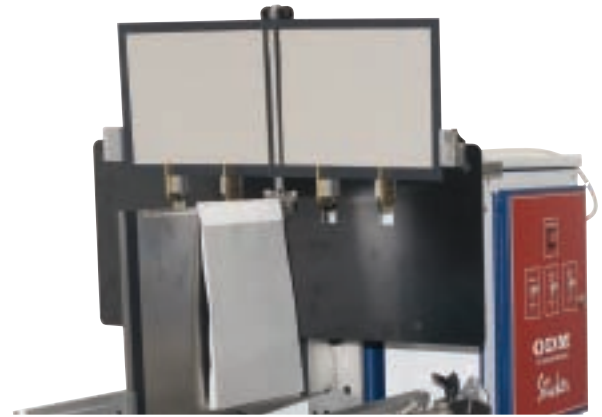
- Extra paste attachment deposits additional adhesive in joint area.
- Three position blade height control.
- Small roller glue station for rounded and backed books.
- Large format model available.

Sticker™ XXL available for producing tabloid books up to 4" thick.

### Thank You John and the ODM Team!

“ We recently had a major equipment failure on casing-in equipment that was not from ODM. John and the ODM team did an outstanding job working with us to get a Sticker delivered and operational within 2 days. Well done! ”

BR Printers | San Jose, CA | Denver, CO | Independence, KY  
Jeff Royer, VP of Operations



Cover Guide Designed for Casing-in Thin Books.



Easy-to-use Control Panel



FREE TECH SUPPORT | 908-351-6906

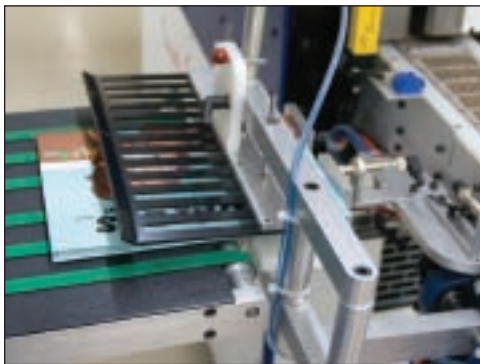
# ODM SUPER-LINE INSTALLATION

## On Demand Machinery installs the ODM Super-Line™... an automated Super Sticker™ and Super Smasher™ at Morris Publishing.

On Demand Machinery has installed their latest Super-Line™, an automated casing-in and building-in machines at Morris Publishing located in Kearney, Nebraska. ODM auto-feed transfer station allows for a seamless assembly line for hard cover book production from the casing-in to the building-in process. Cased-in hard cover books come off the Super Sticker™ conveyor belt and are automatically transferred into the Super Smasher™ for building-in. Ideal for producing high volume 'library-quality' hard cover books on demand.

Morris Publishing specializes in short-run book printing and bindery services for self-published authors. Morris Publishing has printed millions of books for individuals, businesses, and small book publishers, including poetry, fiction, religious, how-to, and local histories, as well as books and manuals for companies and organizations. They even have a separate division that specializes in cookbook publishing.

View demo on Super-Line: <http://www.odmmachinery.com/products/transfer-station/>



*Cased-in book comes off Super Sticker™ conveyor belt.*



*Hard cover book is lifted 90° into an upright position and loaded into Super Smasher™ via conveyor belt.*



*Electronic eyes align book, insuring a smooth transfer into Super Smasher™ for building-in process.*

**FREE TECH SUPPORT | 908-351-6906**

# ODM RECONDITIONED MACHINES

## RECONDITIONED ODM EQUIPMENT FOR SALE.

With almost 25 years of on-demand bindery experience, ODM can help determine which casemaking system best fits your production requirements, call 908-351-6909 for pricing and availability.

Leasing and financing made simple with ACG Equipment Finance.

<http://www.odmmachinery.com/financing/>



ODM MODEL	PRICE
Casemaking (single operator) System™	Call for pricing
Super Sewer™ In-Line Sewing	Call for pricing
Sticker™ Casing-in	Call for pricing
Smasher™ Building-in	Call for pricing
Stenciler™ Stencil Gluer	Call for pricing
Separator™ Die-cutter	Call for pricing
Slicer™ Corner Cutter, see page 5	Call for pricing



Casemaking System™



Super Sewer™



Sticker™



Smasher™



Stenciler™



Separator™

## FREE SAMPLE BOOK ON REQUEST

### Bookbinding Made Simple with the ODM Casemaking System™

On Demand Machinery manufactures a complete line of bookbinding equipment that enables you to produce on-demand, case-bound, hard cover books in-house. There's no need to purchase expensive pre-made covers. It's fast and easy to produce your own 'library-quality' hard cover books. The ODM bookbinding system is easily 'scalable' to fit your production requirements. ODM's Casemaking System™, Super Sewer™, Sticker™ and Smasher™ enable you to produce 'library-quality' children's, yearbooks and photo books.

**XXL Series** will enable you to produce hard cover books from 4" x 4" wallet to 18" x 18" tabloid size, and up to 4" thick.

**High volume users:** ODM manufactures the Super Sticker™, an automated casing-in machine with **Book-Trac™** barcode technology and Super Smasher™, an automated building-in machine with auto-feed transfer station for book production.

**Hard cover books produced on ODM machines are bound to last for future generations to enjoy.**

Just contact ODM via our web site and we'll be happy to send you a free hard cover book.

<http://www.odmmachinery.com/contact/>



## NEW! ODM ONSITE SERVICE

Ask about our annual onsite maintenance & servicing of your ODM equipment.

FREE TECH SUPPORT | 908-351-6906



## ***How Digital Hardcover Bookbinding Can Lead to New Business***

by Denis Wilson, Editor of Book Business

Featured online in Book Business Insight October 2015



In this White Paper you'll learn first hand from Denis Wilson how bindery departments can add value to your finished product. It may require a bit of a mind-shift, given that bindery departments have typically been looked upon as cost centers, but digital hardcover binding can in fact become a profit center for commercial printers. An in-house digital hardcover bindery is an opportunity for printers to create value for their clients by helping them cut costs, meet consumer demands quicker, and produce higher-profit products, all of which can lead to new clients and more business with existing customers.

***Download Book Business White Paper.***

<http://www.odmachinery.com/in-the-news/>

**Informative, easy-to-navigate site boasts *Bookbinding Made Simple!***

**PDF Product Literature Downloads** are available for ODM's Super Sewer™ (sewing-in), Casemaking System™, Sticker™ (casing-in machine), Smasher™ (building-in machine), XXL Series (tabloid-size, hard cover books up to 4" thick), Super Sticker™ (automated casing-in), Super Smasher™ (automated building-in), Transfer Station (auto-feed for high volume bookbinding), Book-Trac™ (barcode technology), Sidewinder™ (layflat panoramic photo books), Separator™ (die cut window), Slicer™ (corner cutting), Straightener™ (cover dewarping), Super Swatcher™ (sample making), Stenciler™ (pattern gluing), Squasher™ (air press), and Super Squasher™ (pressing super-sized media).

**Watch Online Videos via YouTube** ODM features a complete series of sewing-in, casemaking, casing-in and building-in demo videos.

**Rebuilt and Used Equipment Listings** Contact ODM for pricing and warranty information at 908-351-6906.

**Leasing and Financing Made Simple!** ODM has partnered with ACG Equipment Finance. Easy-to-use, online application approvals usually within 1-3 hours.

**In the News...** ODM equipment featured editorially in national and global print and online trade publications. Visit ODM at major trade shows and conferences.

**Testimonials and Installations Blog** We value our customers and their opinion. Read what they have to say about ODM machines and our service.

**Like us on Facebook, follow us on Google+, Twitter and LinkedIn** Keep informed on the latest bookbinding equipment and technology.

**Sign up for our eNewsletter** It's easy just scroll down on our home page and subscribe.

<http://www.odmachinery.com/>



**FREE TECH SUPPORT | 908-351-6906**

150 Broadway, Elizabeth, NJ 07206 | Tel: 908-351-6906 | Fax: 908-351-7156 | [www.ODMachinery.com](http://www.ODMachinery.com)

Specifications subject to change without notice.