

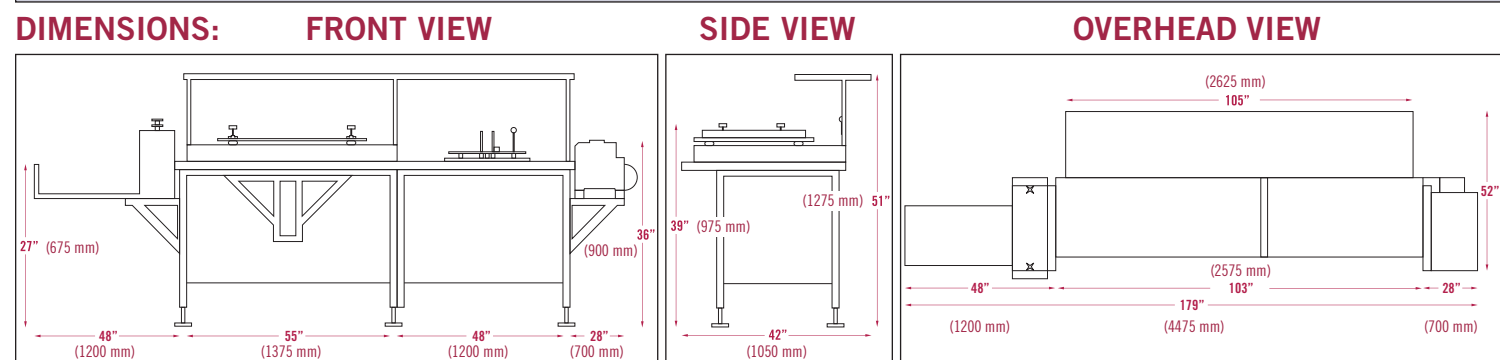
Casemaking™ XXL SYSTEM

ODM CASEMAKING BUILT FOR TWO

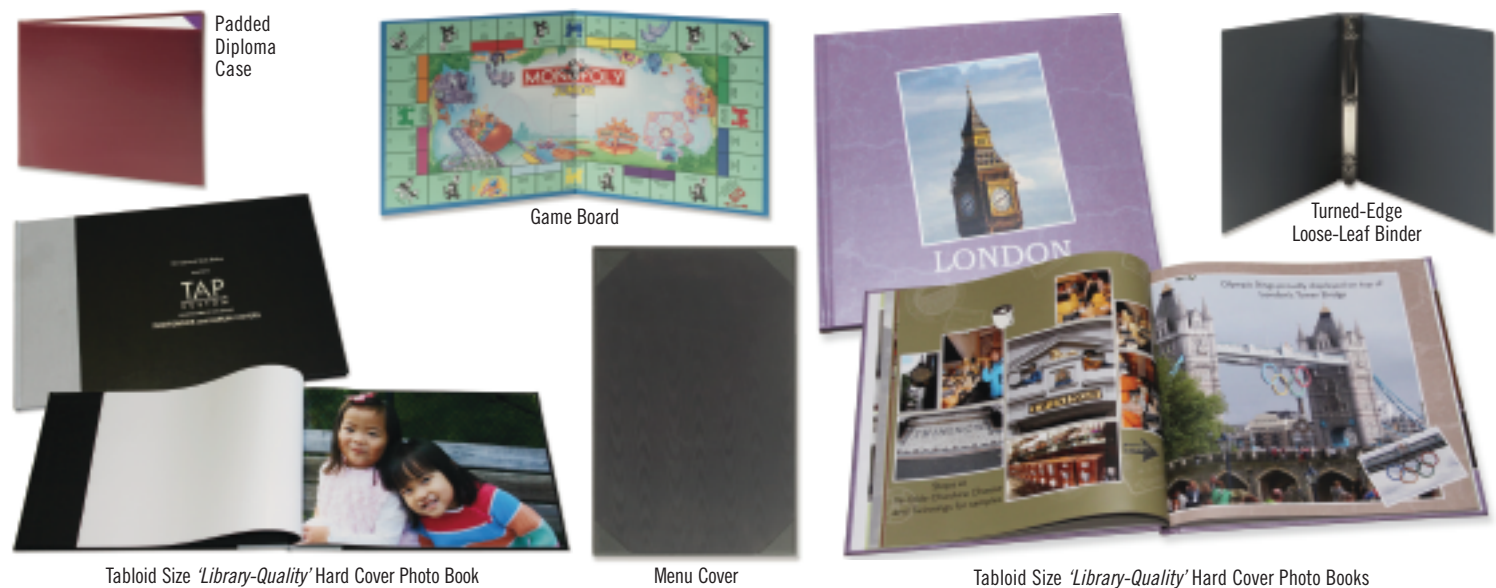


CASEMAKING MADE SIMPLE!

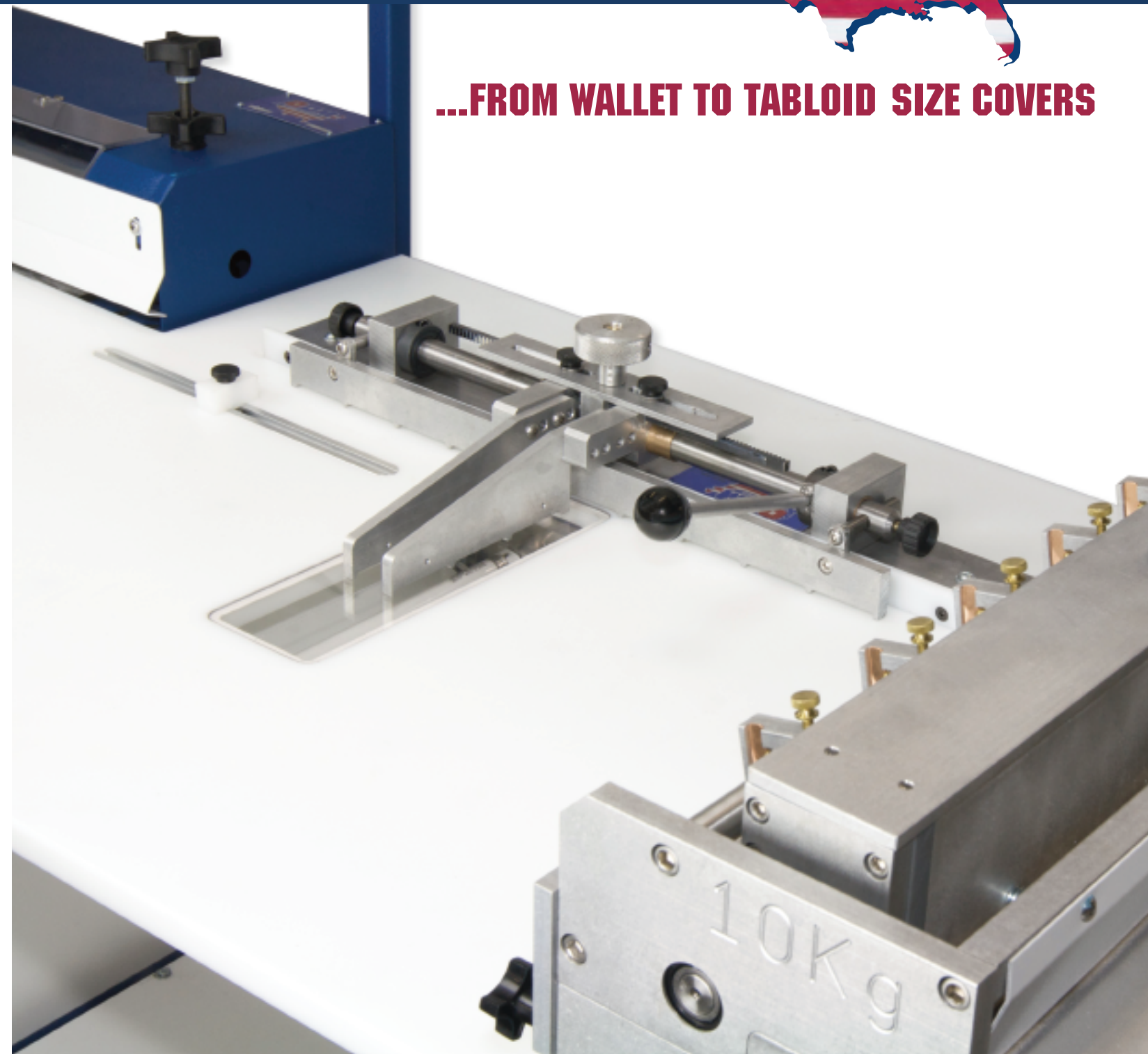
SPECIFICATIONS & TECHNICAL DATA:	CASEMAKING XXL SYSTEM™ BUILT FOR 2 OPERATORS	STANDARD EQUIPMENT for CASEMAKING XXL SYSTEM™ includes SPREADER, SLIDER with LIGHT BOX, STOMPER and SQUEEZER:
Maximum Cover Size:	22.75" x 46.75" (575 mm x 1175 mm) Open	• Spreader™ – Top side gluer comes equipped with a 24" (600 mm) glue roller.
Minimum Cover Size:	4" x 4" (100 mm x 100 mm) Closed	• Slider™ – Case gauge arms open to a maximum of 4" (100 mm).
Output (per hour):	120 to 200 covers	• Built-in Light Box – Ideal for accurate registration of pre-printed covers. Increases production output.
Floor Space:	42" x 179" (1100 mm x 4475 mm)	• Stomper™ – Utilizes an external air source of 70 PSI (5 bar). Machine cover size up to 48" (1200 mm) width.
Net Weight:	1300 lbs. (590 kg)	• Squeezer™ – Rotary press will accept materials up to 24" (600 mm) in width by any length.
Power Required:		• Larger units can be custom made.
Spreader:	115 Volt, 5.9 Amps (230V, 1ph) 60 Cycle, 1/3 H.P. (50 Hz, 0.25 kW)	
Squeezer:	115 Volt, 4.6 Amps (230V, 1ph)	
Stomper:	Air 70 PSI (5 bar)	



FROM WALLET TO TABLOID SIZE... FINISHED HARD COVER BOOKS, MENU COVERS, PADDED DIPLOMA CASES, LOOSE-LEAF BINDERS AND GAME BOARDS



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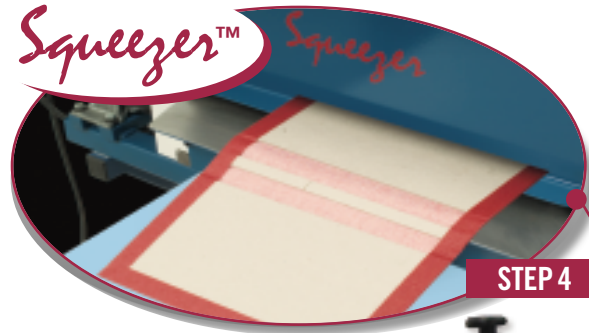
...FROM WALLET TO TABLOID SIZE COVERS

ODM CASEMAKING SYSTEM XXL

BOOKBINDING MADE SIMPLE WITH THE ODM CASEMAKING XXL SYSTEM!

The Next Generation Casemaking XXL System™ will enable you to produce 4" x 4" wallet size (100 mm x 100 mm) up to 22.75" x 46.75" oversize tabloid (575 mm x 1175 mm) hard book covers using the same four processes as the original Casemaking System: the Spreader, Slider, Stomper and Squeezer. Built in the USA, ODM machines work seamlessly with both the Super Sewer™, Sticker™ and Smasher™ XXL Series.

ODM has broken down the process into four easy steps that are simple to master. **The first process is the Casemaking System™ which includes: the Spreader™, Slider™, Stomper™ and Squeezer™.** ODM equipment can help you begin to produce your own hard cover books from wallet to oversize tabloid.



STEP 4

Finished hard cover goes through the rotary press.

The Squeezer rotary press will accept materials up to 48" in width by any length. The machine comes with a safety latch guard and delivery table. Squeezer rollers are adjustable for both pressure and gap opening.



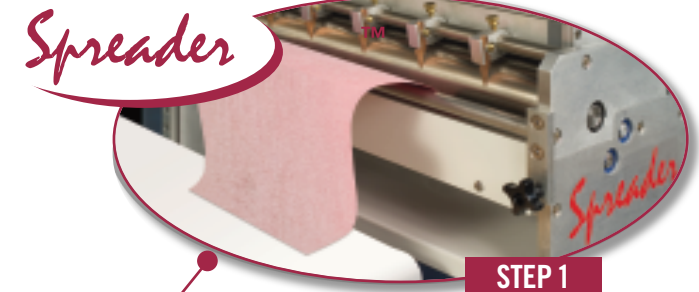
STEP 3

All four sides of the hard cover are turned-in.

The Stomper air operated turning-in machine is activated by depressing a foot switch. The climbing action of the turning-in bar insures a tight corner wrap. Materials from leather to library buckram can easily be turned-in with the Stomper. Maximum cover size is 48" (1200 mm) wide. Larger units can be custom made. The machine utilizes an external air source of 70 PSI (5 bar).

Ideal for hard cover bookbinding, photo books, turned-edge binders, menu and padded covers from wallet to tabloid size.

During casemaking, the hard cover is produced that becomes the outer shell of the book. First start with a book cloth, or printed material. The operator sends the material through the topside gluer (**Step 1 - Spreader**), where a uniform coating of PVA cold adhesive is applied to the sheet. The freshly glued cover material is inserted into the sliding table case gauge (**Step 2 - Slider**) allowing the operator to accurately position all three-cover boards that comprise the book cover. Once the cover boards are aligned, the operator inserts it into the air-operated turning-in machine (**Step 3 - Stomper**) where all four sides of the cover material are turned-in (wrapped around the edges of the cover boards). During the final step of casemaking, the finished cover is fed through the rotary squeeze press (**Step 4 - Squeezer**) where the cover is pressed to insure the cover material and boards are laminated.



STEP 1

Cover material goes through the top side gluer. Spreader top side gluer comes equipped with an 24" (600 mm) glue roller. The cold PVA adhesive is placed in an easily removable glue reservoir. The thickness of adhesive is easily adjusted by a scraper blade and is powered by a 115 volt, 60 cycle, 1/3 HP (230V, 1ph, 50 Hz, 0.25 kW) motor. The machine eliminates the need for the operator to **flip over** the glued cover material as with traditional bottom side gluers. This unit quickly disassembles enabling for a fast and easy clean up.



STEP 2

Spots and aligns hard cover boards in position with sliding table case gauge.

The Slider case gauge makes the positioning of board material a snap! The arms will open to a maximum of 4" (100 mm). The unit comes equipped with an adjustable side guide and arm spacer kit for different joint gaps.

Built-in light box increases accuracy.

The light box has a very specific purpose, when aligning pre-printed covers, you do not need to use the slide guide. Just simply center the title on the scribed line and the type lines up perfectly on the spine. While it does increase production, the main reason is for accuracy, as all printing machines have some "bounce" in the registration.

Produce 4" x 4" to 22.75" x 46.75" Covers

(Produce 100 mm x 100 mm to 575 mm x 1175 mm covers)

CE

Configured for two operators...

Produce 120 to 200 covers per hour!

Light Box

