

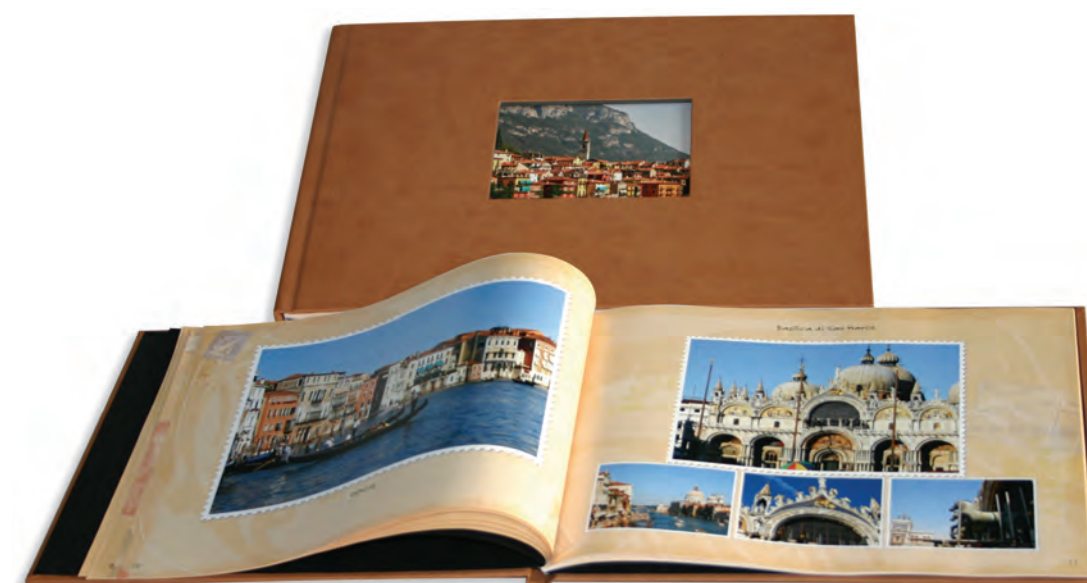
Machine Specifications

ODM BOOKBINDING SYSTEM



PHOTO BOOKS MADE SIMPLE!

SPECIFICATIONS & TECHNICAL DATA: Maximum Book Size: 350 mm x 380 mm x 12 mm Minimum Book Size: 100 mm x 100 mm x 1 mm Output (per hour): up to 600 books Floor Space: 2000 mm x 1100 mm Net Weight: 400 kg (850 lbs.) Power Required: 230V, 50Hz, 1ph Compressed air required: 5 bar (70 psi)	SUPER SEWER™ SEWING-IN	STANDARD EQUIPMENT for the SUPER SEWER™ IN-LINE SEWING MACHINE FEATURES: <ul style="list-style-type: none"> • Self-adjusting, automatic in-line sewing machine • Back Tack Technology™ ensures a strong sew on head and foot • Easy-to-operate LCD touch screen color control panel • Safety guard box lifts open for easy access • Hopper delivery neatly stacks sewn photo book blocks • Quick change bobbin • Lock-stitch side sewing
SPECIFICATIONS & TECHNICAL DATA: Maximum Cover Size: 460 mm x 760 mm Open Minimum Cover Size: 100 mm x 100 mm Open Output (per hour): 120 to 200 covers Floor Space: 1100 mm x 3350 mm Net Weight: 350 kg (750 lbs.) Power Required: 230 V, 50 Hz, 1ph Compressed air required: 5 bar (70 psi)	CASEMAKING SYSTEM™	STANDARD EQUIPMENT for CASEMAKING XXL SYSTEM™ SPREADER, SLIDER, STOMPER & SQUEEZER FEATURES: <ul style="list-style-type: none"> • Spreader – Top side gluer equipped with an 460 mm glue roller. • Slider – Case gauge arms open to a maximum of 100 mm. • Built-in Light box – For accurate registration of pre-printed covers. Increases production output. • Stomper – Utilizes an external air source of 5 bar (70 PSI). Machine is available in 750 mm and 920 mm widths. • Squeezer – Rotary press will accept materials up to 460 mm wide by any length. • Large Format XXL Model: Maximum Cover Size: 460 mm x 920 mm
Optional Large Format XXL Model Available		
SPECIFICATIONS & TECHNICAL DATA: Maximum Book Size: 300 mm x 350 mm x 100 mm Minimum Book Size: 100 mm x 100 mm x 1 mm Output (per hour): 200 to 400 books Floor Space: 1100 mm x 700 mm Net Weight: 160 kg (350 lbs.) Power Required: 230V, 50 Hz, 1ph	STICKER™ CASING-IN	STANDARD EQUIPMENT for STICKER™ CASING-IN MACHINE FEATURES: <ul style="list-style-type: none"> • Easy to use control panel. • Self-adjusting machine requires no make-ready. • Compact size. • Glue stations are easily removed for quick clean-up. • OPTIONAL: Extra paste attachment deposits additional adhesive in joint area. • Small roller glue station for rounded and backed books. • Three position blade height control.
Optional Large Format XXL Model Available		
SPECIFICATIONS & TECHNICAL DATA: Maximum Book Size: 350 mm x 350 mm x 100 mm Minimum Book Size: 100 mm x 100 mm x 1 mm Output (per hour): 150 to 240 books Floor Space: 610 mm x 610 mm Net Weight: 400 kg (850 lbs.) Power Required: 230V, 50 Hz, 1ph	SMASHER™ BUILDING-IN	STANDARD EQUIPMENT for SMASHER™ BUILDING-IN MACHINE FEATURES: <ul style="list-style-type: none"> • Easy to operate control panel. • Dual button operation insures operator safety. • Ten tons of hydraulic pressure produces highly compressed books. • Adjustable dwell timer controls the amount of time the book remains under pressure. • Thermostat control for heated joint irons aid in forming a perfect joint. • Maximum Book Size: 450 mm x 450 mm x 100 mm
Optional Large Format XXL Model Available		
SPECIFICATIONS & TECHNICAL DATA: Maximum Book Size: 280 mm x 350 mm Minimum Book Size: 200 mm x 200 mm Output (per hour): 200 to 400 die cut covers Floor Space: 610 mm x 610 mm Net Weight: 410 kg (900 lbs.) Power Required: 230 V, 50 Hz, 1ph	SEPARATOR™ DIE CUT WINDOWS	STANDARD EQUIPMENT for SEPARATOR™ DIE CUTTING MACHINE FEATURES: <ul style="list-style-type: none"> • Easy to install cutting and die plates. • Mail slot insures operator safety. • Foot pedal to cycle. • Quick die change over system. • Minimal make ready.



Produce 'library-quality' photo books ...in-house!



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Specifications subject to change without notice.

ON DEMAND PHOTO BOOKBINDING

PHOTO BOOKS MADE SIMPLE WITH ODM CASE BINDING SYSTEM!

Super Sewer™ WITH BACK TACK TECHNOLOGY™

ODM Super Sewer™ is designed for sewing digital photo prints and endpapers.

Super Sewer™, an automatic in-line sewing machine, can sew books ranging from 100 mm x 100 mm to 350 mm x 380 mm; up to 12 mm thick. Easy to operate with a touch screen control panel. Super Sewer™ features **Back Tack Technology™** simply put, the sewing machine does a reverse back stitch on head and foot of the book block. Lock-stitch sewing ensures a very strong side sew which will not come apart at the head and foot like standard side sewn books.

Super Sewer™ can stitch up to 600 books per hour.



Casemaking System™ BUILT FOR TWO

ODM Casemaking System™ is designed to produce the photo book hard cover in four easy steps:



Step 1: **Spreader** – Cover material goes through the top side gluer.

Step 2: **Slider** – Spots and aligns hard cover boards in position with sliding table case gauge.

Step 3: **Stomper** – All four sides of the hard cover are turned in.

Step 4: **Squeezer** – Finished hard cover goes through the rotary press.

Casemaking System™ will produce 120 to 200 covers per hour with two operators.



Sticker™ CASING-IN MACHINE WITH COVER GUIDE

ODM Sticker™ is designed for gluing sewn pages (casing-in) into the cover of the book.

ODM Sticker™ is a casing-in machine designed for 'On Demand' photo bookbinding. The operation consists of placing the sewn photo pages with end-sheets on the wing. After the sewn photo book is loaded, the operator depresses a foot switch that drops the wing below the glue rollers. A servomotor brings 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 Sticker™ is self-adjusting. The glue stations are easily removed for a quick cleanup.

Sticker™ can case-in 200 to 400 books per hour.



Smasher™ BUILDING-IN MACHINE

ODM Smasher™ is designed for forming the joints and pressing (building-in) hard cover books.

ODM Smasher™ is a self-adjusting hydraulic building-in machine. The operator places the cased-in photo book into the Smasher™ and depresses a foot pedal that brings the top joint iron in contact with the book. This enables the operator to accurately find the joint area of the book. After locating the joint area, two buttons are depressed that activate the hydraulic system that raises the bottom steel platen and clamps the book with ten tons of pressure. The heated joint irons aid in forming the joint by reactivating the adhesive in the joint area and softening hard cover materials such as library buckram and film laminates. An adjustable dwell timer controls how long the book remains under pressure. Heated joint irons have a thermostat for varying the degree of temperature.

Smasher™ can build-in 150 to 240 books per hour.



Separator™ DIE CUTTING MACHINE

ODM Separator™ is designed for die cutting windows in finished hard cover books.

ODM Separator™ is a safe machine that allows the operator to die cut windows in books. Easy to install cutting and die plates with minimal make ready and quick die change over system.

Separator™ can die cut 200 to 400 covers per hour.



Ideal for Producing 'Library-Quality' Photo Books On-Demand with No Make Ready!

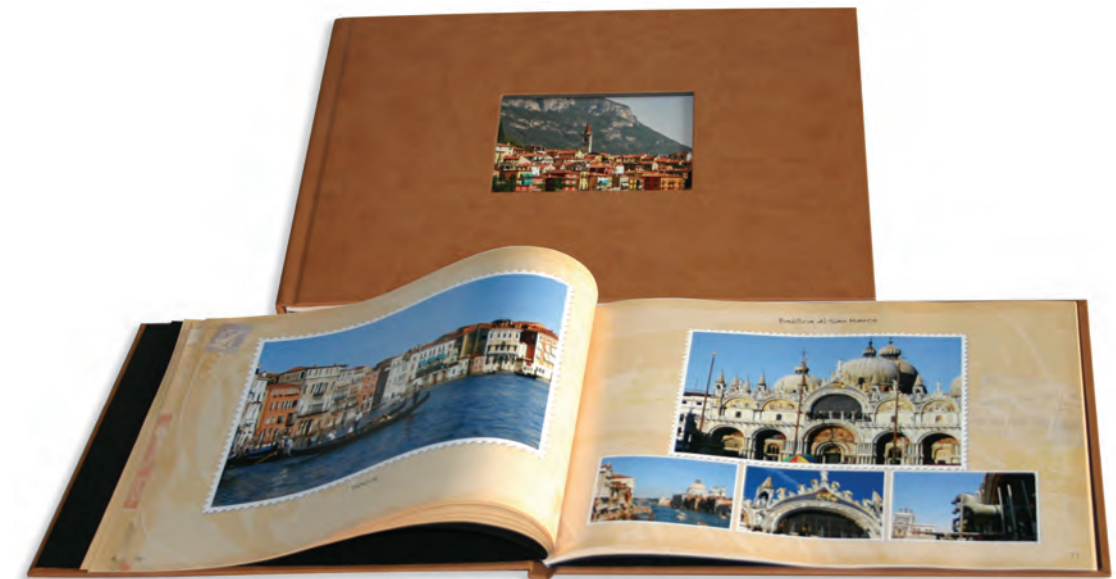
On Demand Machinery manufacturers a complete line of bookbinding equipment that enables you to produce on-demand case-bound hard cover photo books in-house. There's no need to purchase expensive pre-made covers. It's fast and easy to produce your own 'library-quality' photo books. The ODM bookbinding system is easily 'scalable' to fit your production requirements. ODM Super Sewer™, Casemaking System™, Sticker™, Smasher™ and Separator™ enable you to produce 'library-quality' photo books with end-sheets ranging in size from wallet size to tabloid; up to 12mm thick.

Photo books are the **next generation** of photo albums for the digital imaging photo finishing industry.

"A picture is worth a thousand words."

ODM Photo Books can be described with just one word... 'WOW'!

That's what your customers will say when they order their next set of digital color prints, case-bound in a hard cover 'library-quality' photo book.



Produce ODM 'Library-Quality' Photo Books that feature:

- ✓ Front Cover Window Options
- ✓ Quality 'Turned-Edge' Construction
- ✓ Wide Range of Cover Materials
- ✓ Padded or Non-Padded Covers
- ✓ Back Tack Technology™
- ✓ Customized Flexibility

