

Machine Specifications

ODM BOOKBINDING SYSTEM

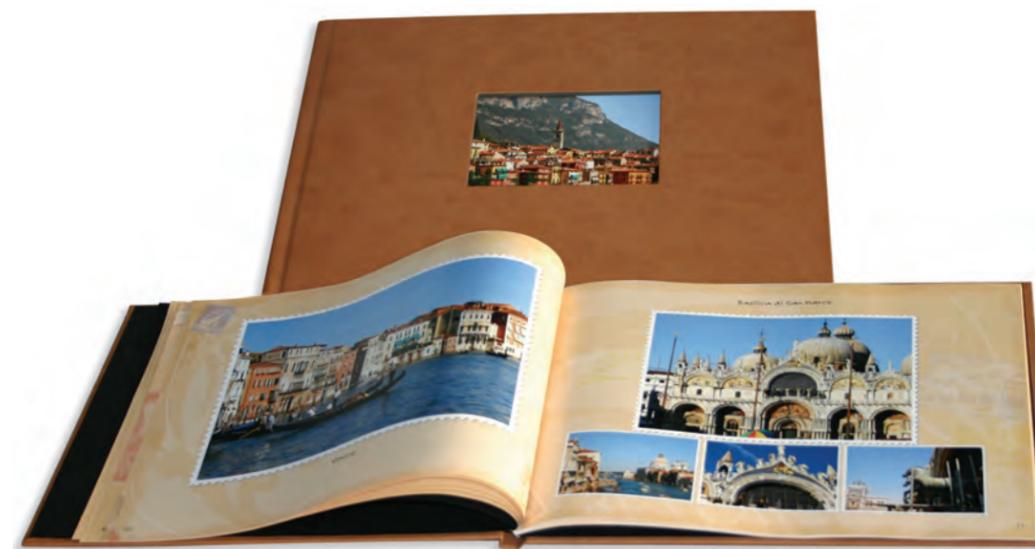


www.ODMachinery.com



PHOTO BOOKS MADE SIMPLE!

SPECIFICATIONS & TECHNICAL DATA: Maximum Book Size: 18" x 18" x 1" (450 mm x 450 mm x 25 mm) Minimum Book Size: 4" x 4" x 1/32" (100 mm x 100 mm x 1 mm) Output (per hour): up to 400 books Floor Space: 92.5" x 54" (2315 mm x 1350 mm) Net Weight: 1350 lbs. (615 kg) Power Required: 220V, Single Phase (230V, 50Hz, 1ph) 16 Amps, Air 80 PSI (10 ⁶ , 5.4 bar)	SUPER SEWER™ XXL SEWING-IN STANDARD EQUIPMENT for the SUPER SEWER™ XXL SIDE SEWING MACHINE FEATURES: <ul style="list-style-type: none"> • Self-adjusting, automatic in-line lock-stitch side 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. • Vacuum drill waste removal system. • Quick change bobbin. • Hopper delivery neatly stacks sewn photo book blocks.
SPECIFICATIONS & TECHNICAL DATA: Tabletop Surface Area: 15" x 24" (375 mm x 600 mm) Knife Blase/Stack Size: 3" Wide x 1" Height (75 mm x 25 mm) Dimensions: 36" x 26" x 4" (900 mm x 650 mm x 100 mm)	SLICER™ CORNER CUTTER STANDARD EQUIPMENT for SLICER™ CORNER CUTTING MACHINE FEATURES: <ul style="list-style-type: none"> • Cuts perfect corners for casemaking, no make ready. • Hand operated, knife safety guard cover. • Sturdy, heavy-duty steel legs support optional 34" (850 mm) table stand.
SPECIFICATIONS & TECHNICAL DATA: Maximum Cover Size: 18" x 30" Open (460 mm x 760 mm) Minimum Cover Size: 4" x 4" Open (100 mm x 100 mm) Output (per hour): 120 to 200 covers Floor Space: 42"x132" (1100 mm x 3350 mm) Net Weight: 600 lbs. (350 kg) Power Required for Spreader: 115V, 5.9 Amps (230V, 1ph) 60 Cycle, 1/3 H.P. (50 Hz, 0.25 kW) Power Required for Squeezer: 115V, 4.6 Amps (230V, 1ph, 50 Hz) Power Required for Stomper: Air 70 PSI (5 bar)	CASEMAKING SYSTEM™ XXL Model* STANDARD EQUIPMENT for CASEMAKING XXL SYSTEM™ SPREADER, SLIDER, STOMPER & SQUEEZER FEATURES: <ul style="list-style-type: none"> • Spreader – Top side gluer equipped with an 18" (460 mm) glue roller. • Slider – Case gauge arms open to a maximum of 4" (100 mm). • Built-in Light box – For accurate registration of pre-printed covers. and increased production output. • Stomper – Utilizes an external air source of 70 PSI (5 bar). Machine is available in 30" and 36" widths (750 mm and 920 mm). • Squeezer – Rotary press will accept materials up to 18" (460 mm) wide by any length. • *XXL Model: Max. Cover: 18x36" (460 mm x 920 mm) Floor Space: 42x179" (1100 mm x 4475 mm)
SPECIFICATIONS & TECHNICAL DATA: Maximum Book Size: 18" x 18" x 4" (450 mm x 450 mm x 100 mm) Minimum Book Size: 4" x 4" x 1/32" (100 mm x 100 mm x 1 mm) Output (per hour): 100 to 300 books Floor Space: 50" x 32" (1250 mm x 800 mm) Net Weight: 1100 lbs. (500 kg) Power Required: 220V, 60 cycle, Single Ph. (230V, 50 Hz, 1ph)	STICKER™ XXL CASING-IN STANDARD EQUIPMENT for STICKER™ XXL CASING-IN MACHINE FEATURES: <ul style="list-style-type: none"> • Easy to use multi-language 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 more adhesive in joint area. • Computerized speed adjustment and blade height and stroke control.
SPECIFICATIONS & TECHNICAL DATA: Maximum Book Size: 18" x 18" x 4" (450 mm x 450 mm x 100 mm) Minimum Book Size: 4" x 4" x 1/32" (100 mm x 100 mm x 1 mm) Output (per hour): 100 to 300 books Floor Space: 28" x 28" (700 mm x 700 mm) Net Weight: 1150 lbs. (525 kg) Power Required: (2) 115V, 60 cycle (230V, 50 Hz) 14 Amp lines (1ph)	SMASHER™ XXL BUILDING-IN STANDARD EQUIPMENT for SMASHER™ XXL 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.
SPECIFICATIONS & TECHNICAL DATA: Maximum Book Size: 11" x 14" (280 mm x 350 mm) Minimum Book Size: 8" x 8" (20 mm x 20 mm) Output (per hour): 200 to 400 die cut covers Floor Space: 24" x 24" (610 mm x 610 mm) Net Weight: 900 lbs. (410 kg) Power Required: 115V, 60 cycle (230V, 50 Hz) 14 Amps (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...
from 4x4" (100x100mm) wallet to 18x18" (450x450mm) tabloid up to 1" (25mm) thick!*



ODM FREE TECH SUPPORT: 908-351-6906

DEMO MOVIES: www.ODMachinery.com

150 Broadway, Elizabeth, NJ 07206 USA | Tel: 908-351-6906 | Fax: 908-351-7156 | Email: info@ODMachinery.com

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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™ XXL WITH BACK TACK TECHNOLOGY™

Super Sewer™ XXL is designed for sewing book blocks up to 1" thick.

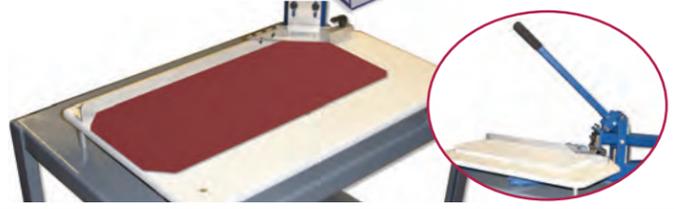
Super Sewer™ XXL is an automatic side sewing machine that can side sew books from 4" x 4" to 18" x 18" (100 mm x 100 mm to 450 mm x 450 mm); up to 1" (25 mm) thick. Easy to operate with touch screen control panel. Super Sewer™ XXL features **Back Tack Technology™** simply put, the sewing machine does 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. Holes are pre-drilled prior to thread stitching enabling the book block up to 1" thick. **Can stitch up to 400 books per hour.**



Slicer™ CORNER CUTTER

This is the only corner ODM will ever cut!

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. Symmetrical corner cuts minimize waste of cover stock. Optional table stand.



Casemaking XXL System™

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



Spreader – Cover material goes through the top side gluer.
Slider – Spots and aligns hard cover boards in position with sliding table case gauge.
Stamper – All four sides of the hard cover are turned in.
Squeezer – Finished hard cover goes through the rotary press.
Can produce up to 200 covers per hour with two operators.



Sticker™ XXL CASING-IN MACHINE

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

Sticker™ XXL has been engineered to produce cased-in hard cover books from wallet to tabloid size. The operation consists of placing the sewn book block on the wing. After the book block 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 and removes the book from the wing. No make-ready time is required as the machine is self-adjusting. The glue stations are easily removed for a quick cleanup. **Can case-in 100 to 300 books per hour.**



Smasher™ XXL BUILDING-IN MACHINE

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

Smasher™ XXL is a self-adjusting hydraulic building-in machine. The operator places cased-in photo book into the Smasher™ XXL 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 book with 20,000 pounds 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. **Can build-in 100 to 300 books per hour.**



Separator™ DIE CUTTING MACHINE

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

Separator™ 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. **Can die cut 200 to 400 covers per hour.** Operator inserts cover into mail slot, foot pedal is then depressed.



Ideal for Producing 'Library-Quality' Wallet (4x4") to Tabloid (18x18") Size Photo Books!

On Demand Machinery manufacturers a complete line of on demand bookbinding equipment that enables you to produce on-demand case-bound hard cover photo books in-house with no make ready. 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™ XXL, Slicer™, Casemaking System™ XXL, Sticker™ XXL, Smasher™ XXL and Separator™ enable you to produce 'library-quality' photo books with end-sheets ranging in size from wallet size to tabloid; up to 1" (25 mm) 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 'library-quality' hard cover photo book manufactured with ODM bookbinding equipment.



Produce 'library-quality' hard cover books on demand featuring:

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