

NEWPAKS[®]

Single Face Sheet-to-Sheet Laminator



From

Automatan

NEWPAKS
NEWPAKS
NEWPAKS
NEWPAKS
NEWPAKS
NEWPAKS
NEWPAKS

Laminating experience working for you

Single face sheet-to-sheet laminating: A rapidly growing segment of the packaging industry.

Distribution and marketing are changing the nature of packaging as warehouse stores, bulk handling of merchandise, and environmental concerns become key factors in the sale of all consumer products.

The folding carton, a convenient package with colorful and informative graphics, became the mainstay of the packaging and mass distribution system established 100 years ago. Now customers and product manufacturers want to retain the high quality graphics "silent salesperson" appeal of the folding carton, yet need to allow for bulk palletizing, handling, and retail distribution as well as packaging source reduction programs. Their goal is to provide increased product protection without losing the quality graphics appeal of the package.

An ideal answer for reaching this goal is single face sheet-to-sheet laminating. In this process, printed sheets are laminated to sheets of board, typically single face B-flute, E-flute, or small flutes, prior to diecutting. The resulting carton has the strength and protective capability of corrugated but retains the graphic appeal of the folding carton. In many cases outer packs can be eliminated because the shipping package can also do the selling — this is especially important to satisfy environmental concerns about over-packaging.

If you are ready to claim your share of the rapidly growing single face laminating market, Automatän is ready to assist in your success with a NEWPAKS® single face sheet-to-sheet laminator.

Automatän

Automatän is a recognized leader in the corrugated industry laminating field — the majority of corrugated packages combined with litho printed sheets in North America are produced on Automatän equipment. This equipment has been in production for over 20 years, with installations now numbering 200. Consistently high quality technical support from Automatän's team of trained technicians based in Wisconsin is ensured through the design of our service program — the person who installs a machine also has responsibility for the assembly of that machine. Our commitment to the success of our equipment users is at the heart of Automatän's leadership role in point-of-purchase graphics.



Automatän's extensive technical staff, with years of experience in Automatän's well-established laminating program, works on assembly as well as installation and service as part of the TQM focus.



Single face litho laminated packaging combines high-quality litho graphics with the structural strength and environmental appeal of single face corrugated — creating the ideal package for today's distribution requirements and the consumer marketplace.

NEWPAKS® Designed for a growing market

The growing single face laminating market demands a high performance machine that will deliver product of highest quality and at the same time offer easy operation with minimal set-ups and maintenance. This is the essence of the NEWPAKS® with direct drive design — high speed, precision accuracy, simple operation, and virtually negligible set-ups — a machine engineered for command in the market.

NEWPAKS® I Specifications:

Machine size:

35'8" (10.9m) x 8'6" (2.6m) x 8'9" (2.7m)H

Approximate size with upstacker option:

55' (16.8m) x 8'6" (2.6m) x 8'9" (2.7m)H

Pile height of sheet feeder: 63" (1600mm)

Frame: Steel plate.

Power requirements: 460V 60 Hz 100amp
(U.S. installations)

Machine speed: Up to 10,000 sheets/hour;
400'/min (120m/min)

Flute direction: Through the machine.

Printed sheet:*

Minimum size: 20" x 20" (510mm x 510mm)

Maximum size: 65" x 65" (1650mm x 1650mm)

Thickness: Up to .030" (1000 gsm)

Board:*

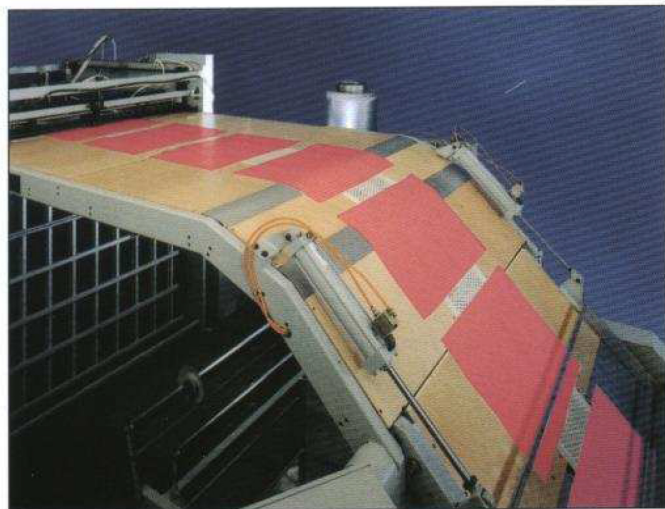
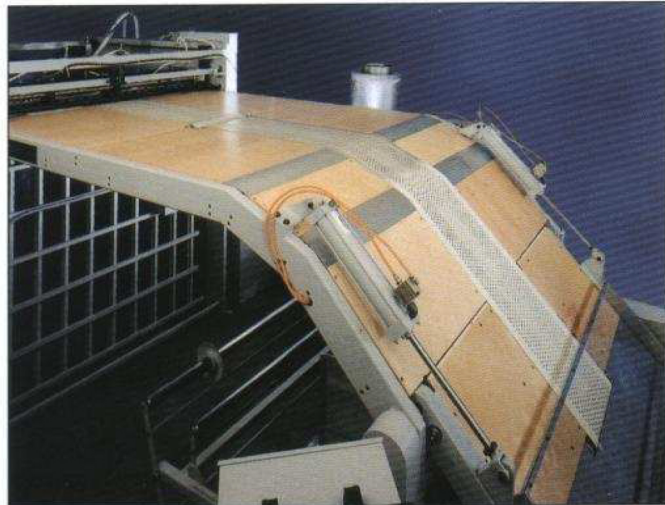
Minimum size: 20" x 20" (510mm x 510mm)

Maximum size: 65" x 65" (1650mm x 1650mm)

Thickness: F-flute through double-wall

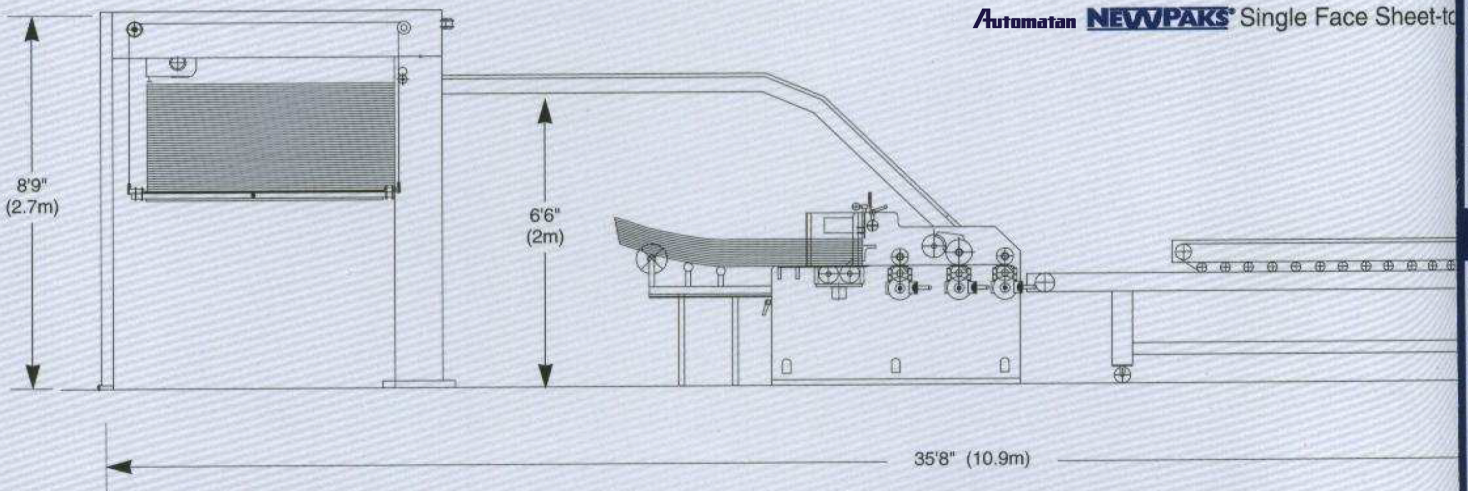
*Other format sizes available.

Printed sheet can overhang board on all sides (no restriction).



TOP: Printed sheets are transferred by vacuum down the feed table to the laminating section on a wide perforated belt, offering maximum precision.

ABOVE: Absolutely nothing rides on top of the printed sheets being transferred. Set-up is extremely simplified.



All specifications subject to change without notice. Consult quotation for final specifications.

NEWPAKS
NEWPAKS
NEWPAKS
NEWPAKS
NEWPAKS
NEWPAKS
NEWPAKS
NEWPAKS

NEWPAKS® Easy and effective operation

NEWPAKS® I Features:

- Brushless direct drive for speed and accuracy.
- Operator friendly — simple, convenient, accessible.
- Very fast set-up times.
- Rugged construction — self-contained units.

Printed sheet feeder:

- Single sheet feed. Feeds on center.
- Simple set-up: Feed head adjusts back and forth for setting through-machine direction. Set side guides for front and back, and move front guide against the load.
- Vacuum transfer — sheet cannot move side to side. Wide (18"/ 460mm) perforated belt for precision. Requires no set-up.
- Feed table flips up and out of the way by pushbutton for easy access.

Board feeder:

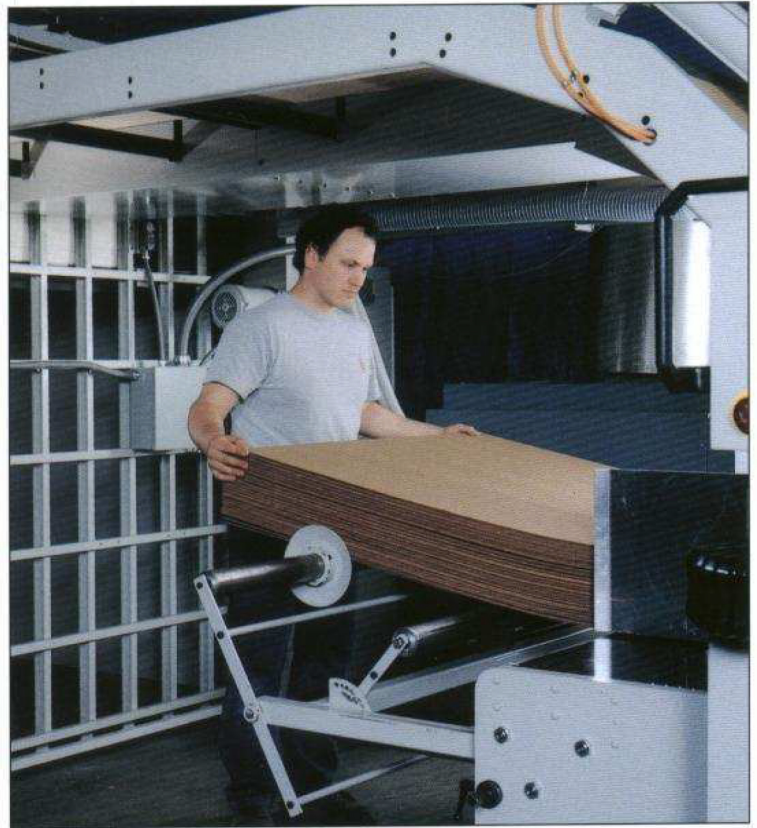
- Bottom feeder with vacuum box and a pair of segmented rubber rolls.
- Flutes run in through-machine direction.
- Register variation correction.
- Simple set-up: Set board feed side guides, back support, and front gates.

Laminator:

- Applies glue to single face flute tips.
- Simple set-up: Dial in length of sheet and adjust flute height. Adjust nips mechanically.
- Electronic control feature eliminates uncovered glued sheets — no wrap-ups.

Delivery:

- Shingle compression — through-machine flute direction eliminates lap marks.
- Available with flip flop downstacker, or upstacker.



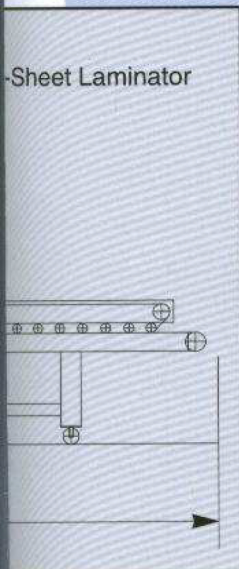
TOP: The NEWPAKS® is designed for operator convenience and offers ample and comfortable working room.



ABOVE: Operator accessibility is a key feature of the NEWPAKS®. The feed table flips up and out of the way by pushbutton, and the compression section is easily rolled back for convenient access to the laminating section.



LEFT: The compression section is on wheels for easy mobility. It is shown here moved up to the laminating section ready for production.



NEWPAKS® Technically innovative design

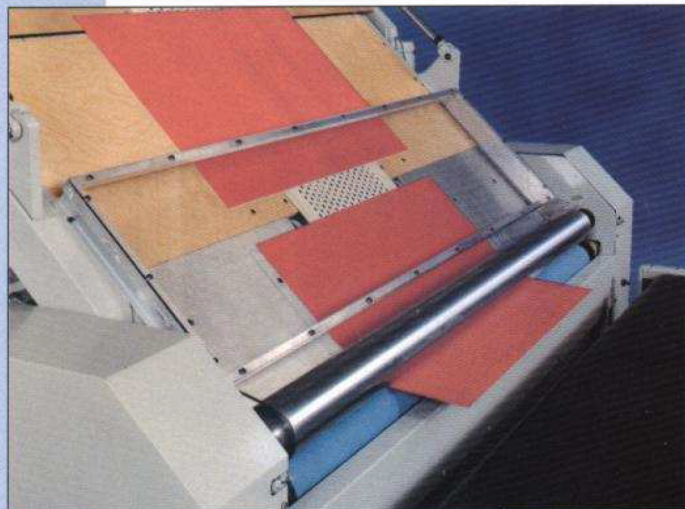
The Automatän NEWPAKS® single face sheet-to-sheet laminator is specifically designed to laminate paperboard stock (litho printed sheets or preprinted sheets of chipboard) of calipers to .030" (1000 gsm) to precut sheets of single face or double face (typically B-flute, E-flute, or small flutes). Laminating is achieved at speeds to 10,000 sheets per hour.

The machine is based on direct drive technology which offers a great advantage in speed and accuracy, as well as in set-up, cleaning time, and maintenance.

The architecture is clean and simple, consisting of self-contained units — the sheet feeder, the laminator, and the compression section. The sheet feed table flips up and out of the way at the press of a button for convenience and accessibility. Machine construction is rugged and durable.

The advanced technology of the NEWPAKS® design permits many benefits. For example, a photo eye on the vacuum belt of the sheet feeder signals the board feeder when it sees a printed sheet, triggering the release of a board from the feeder. If there is no printed sheet, a sheet of single face will not be fed or glued, preventing an uncovered glued single face sheet that could wrap up.

Ideal for the growing single face laminating market, the Automatän NEWPAKS® single face sheet-to-sheet laminator offers high productivity at a modest investment.



ABOVE: Consistent and precise accuracy is assured at the laminating nip point. Direct drive technology eliminates the need to ever slow or stop the sheets.

BELOW: A swivel control panel with message center enhances operator convenience.



Speed, accuracy, minimal operator training needs, convenience and accessibility, very fast set-up times, and minimal waste add up to a quick justification and long-term profitability with the NEWPAKS® Single Face Sheet-to-Sheet Laminator from Automatän.

Serving the Paper/Paperboard Industry

Automatän Incorporated is an international manufacturing and marketing company serving point-of-purchase paperboard converters and printers.

Call Automatän for the following equipment:

Sheet-to-Sheet Laminating:

Automatän® Litho Laminators for Spot and Full Labeling

Automatän® NEWPAKS® Single Face Litho Laminators

*Automatän® Dual Function Litho Labelers/
Single Face Laminators*

Automatän® Pattern Laminators for Specialty Markets

Printing:

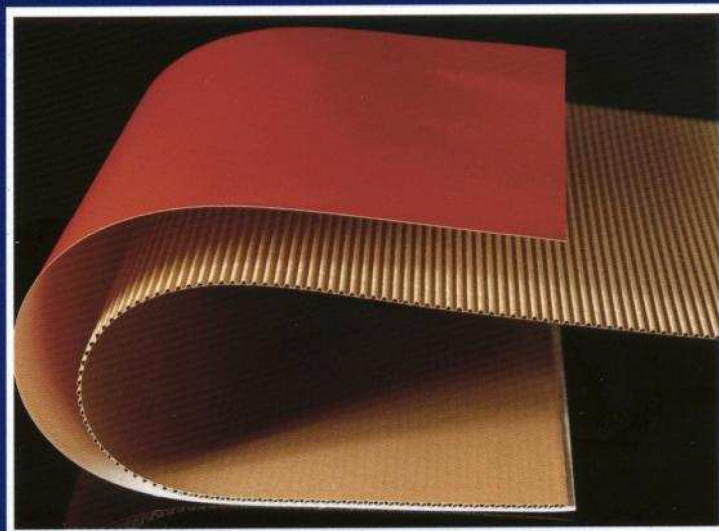
Automatän Inkontrol® Automatic Flexo Ink Viscosity and pH Control Systems

Paper and Board Handling:

Automatän® Load Turners

Automatän® Jogger/Aerators

Automatän® Automated Transport Systems



For new market opportunities contact:

Automatän

P.O. Box 670 • Plover, Wisconsin 54467 USA

Tel: 715-341-6501 • Fax: 715-345-1004

e-mail: info@automatan.com • web site: www.automatan.com

Automatän is a registered trademark of Automatän Incorporated.

NEWPAKS and INKONTROL are trademarks of Automatän Incorporated.

REV 0798