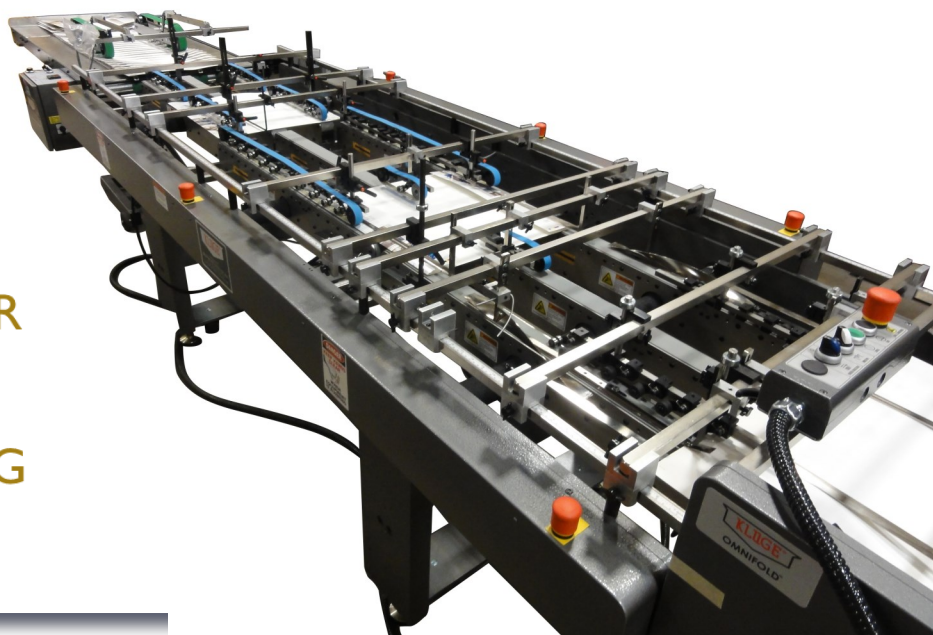


Kluge OmniFold 3000 Series Automatic Folding & Gluing System

THE INDUSTRY LEADER
IN DIGITAL PRINT
PACKAGE CONVERTING



Overview

The Kluge OmniFold 3000 Automatic Folding and Gluing System is a fully modular converting system designed to fulfill today's need and grow with future demands of the commercial printer and packaging manufacturer.

Built to maximize converting capabilities while minimizing set-up time, the OmniFold includes features that bring productivity and reliability to a new level of expectation. These advancements are met with the quality you expect from Brandtjen & Kluge.

Applications

- Packaging: Standard side seam cartons; cartons with internal integrated partitions; tuck top and tuck bottom; auto-lock bottom; cartons created around preconverted items; CD/DVD carriers created around CDs and other items; products created around tipped-on items such as credit/gift cards and postcards using fugitive glue.
- CartonsInMinutes™: On demand digital workflow.
- Mailing: Mailers; CD/DVD jackets, sleeves, wallets, and other carriers, with or without tape; small return envelopes; fold-over reply cards and greeting cards; fugitive glue, Velcro, inline tabs for sealing mailers; inline personalization.
- Graphics: Standard, reinforced and medical presentation folders; accordion folders; expandable pocket folders; CD/DVD wallets; standard, reinforced and flexible book covers; multi-fold brochures; display packaging & cards; table tents; hotel key & ticket holders.

Features, Options and Accessories

- Control Console and Docking Station - Includes touchscreen controls and Multi-Sheet Detector (MSD).
- Modular Vacuum Feeder and Modular Friction Feeder - Mobile modules allow you to quickly change between vacuum and friction feeding. Self aligning feature minimizes changeover time.
- Left (standard) and Right (optional) Registration - EXCLUSIVE FEATURE saves time and expands converting capabilities.
- 3ft (IL-3), 6ft (IL-6) & 9ft (IL-9) Inline Units - Add converting length with interchangeable units.
- Bottom Bearing Bed Transports - Provide product control.
- Flipgate - Provides a rotary-actuated cross fold.
- Synchronous Belt Drives - Require minimal maintenance.
- PATENTED Dual-Angle Buckle Folder - Produce faster, quality crossfolds on both heavy and lightweight stock.
- Bump90 - Rotates stock 90 degrees for folding and gluing.
- Score-N-Convert Kit - Score and perforate inline.
- Fold Hook Kit - For various auto-lock bottom applications.
- Tab Blaster - For the conversion of interior glue flaps.
- 6.5", 18", 33" and 36" Top Belt Drives - Provide product control.
- Accordion Kit - Convert accordion folders and similar folds.
- Stacker Unit - Compresses, counts & batches product.
- Compression Stacker - Provides necessary time and compression for successful cold glue applications.

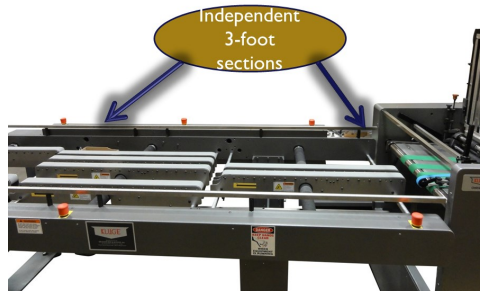


OmniFold 3000



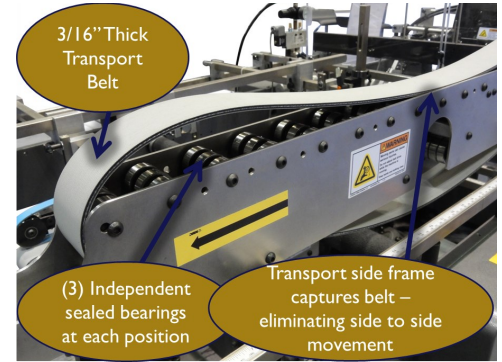
Control Console and Docking Station

The modular friction feeder is self-aligning and portable. The vacuum pile feeder can be interchanged with the friction feeder in less than two minutes. Either feeder can be operated off-line for set-up or maintenance.



3 Foot Repeat

Each 3-foot section is uniquely configured per application. In-line or angled transports move product at each section. The transports are simple to interchange from section to section. The vacuum transports are also interchangeable with the bearing bed transports.



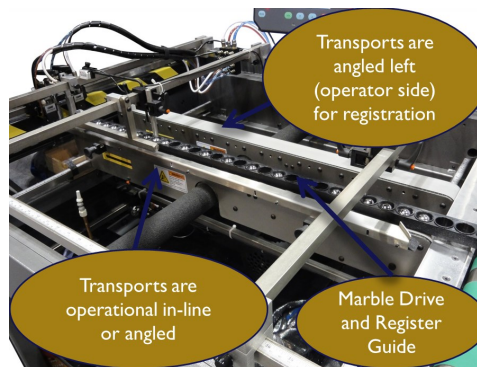
Interchangeable Bearing Bed Transports

The bearing bed transports provide in-line, left or right hand registration operation. Built for endurance and reliability with a 3/16 inch thick transport belt, side frame capture of the belt, sealed bearing support and automatic belt tensioner. The transports feature Kluge's "drop-in" interchangeable design for fast and easy positioning and removal for off-line maintenance.



Interchangeable Vacuum Transports

The vacuum transports feature Kluge's "drop-in" interchangeable design for fast and easy positioning and removal for off-line maintenance. Vacuum transports are interchangeable with bearing bed transports and eliminate the need for top drive wheel sets and belts allowing for accessories such as ink-jet addressing and variable data systems, vision and verification systems, complex tip-on applications, and label applications.



Alignment System and Pre-Breaking Device

With integrated left and right registration, make-readies on the OmniFold are a breeze. Realignment of the product after a 90-degree turn is made simple by dropping in the side guide and marble bar, then skewing a Bearing Bed Transport left or right to drive the sheet into the register guide. A pre-breaking device can be incorporated into the inline system to break the unfolded scores of a carton.



Dual-Angle Buckle Plate

A patented design only available from Kluge, the buckle plate features quick change-over between vertical and angled positions and operates at speeds 30% to 40% faster than tipper plates and air gates. Converting crossfolds on the buckle plate results in more open converting space for other operations. The vertical position eliminates "crows feet" on stock weights 10 pt and above while the angled position provides effective sheet control on stock weights 10 pt. and below.

Specifications		ENGLISH	METRIC
Average length (approx.)		23' - 27'	7010 - 8230 mm
Width		72"	1830 mm
Height		72"	1830 mm
Operating Speed	450 fpm		
Maximum Sheet Size		30" w x 32"	762 x 812 mm
Minimum Sheet Size		4" w x 2.5"	121 x 96 mm
Stock Range	coated/uncoated	.004" - .030"	60 - 660 gsm
Electrical		220-230V, single-phase, 50/60 Hz. 40 Amp	
Air		90 psi @ 15 cfm	



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