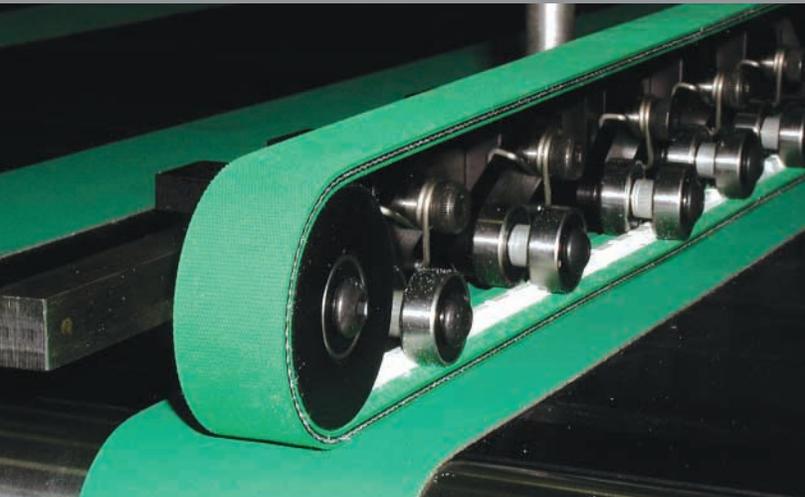


UniFold

Automatic Folding and Gluing System



The Kluge UniFold Automatic Folder/Gluer provides both productivity and versatility with a modular system built in the Kluge tradition of quality, durability and value. The UniFold's unique modular system provides unmatched versatility in folding and gluing equipment.

KLUGE®

The top 5 reasons to buy the UniFold

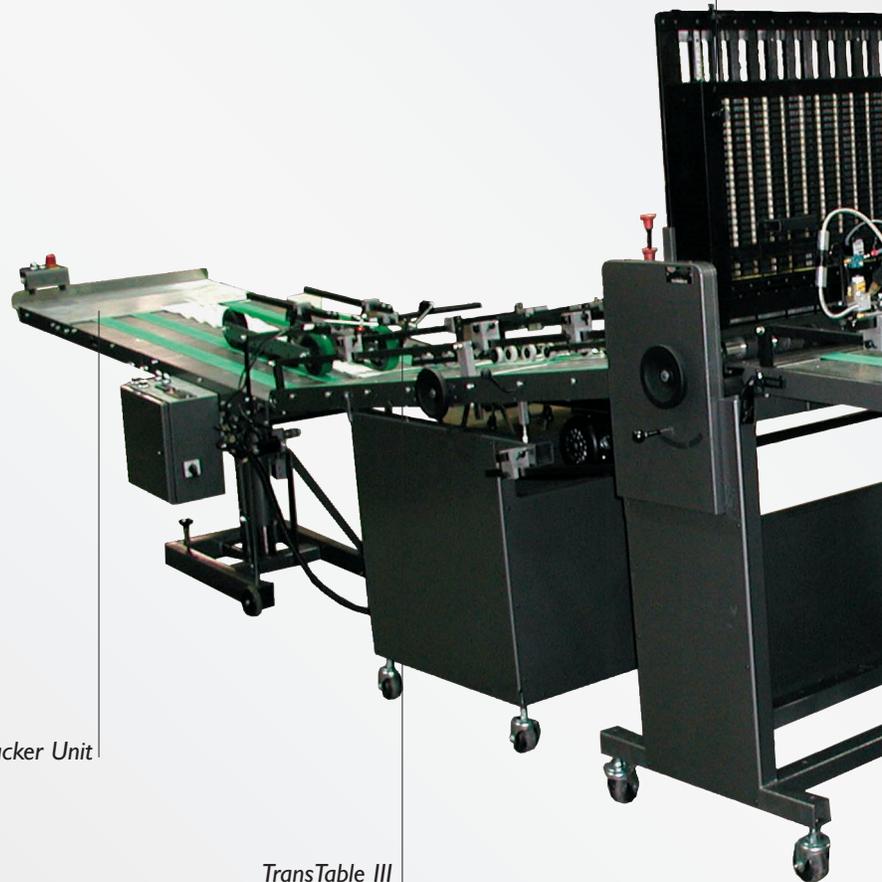
1. Low maintenance rack and pinion elevator driven feeder table
2. Segmented infeed table for increased versatility and reduced make-ready time
3. Angled or patented vertical buckle fold unit with combo plate capability for multiple upfolds
4. Compatible with friction fed tipping units for inserting or placing various media products
5. Precision-sealed bearings throughout ensure smooth operation

Common applications

- Presentation folders
- Self cover booklets
- Inserting phone cards, CD's, etc.
- Ticket jackets
- Book covers
- Display packaging
- CD wallets
- Inline personalization

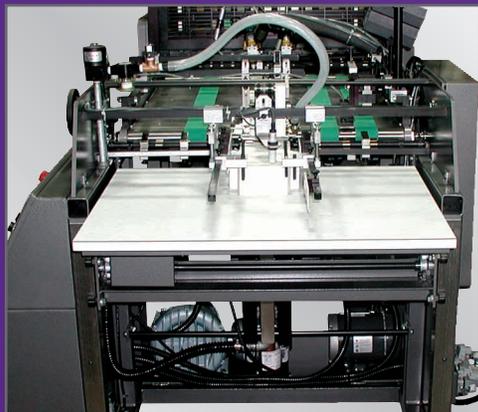
The Kluge UniFold is capable of many production formats. Visit our web site at www.kluge.biz for more information.

Vertical Buckle Fold Unit
with Angled Position Option



Stacker Unit

TransTable III
Converting Unit



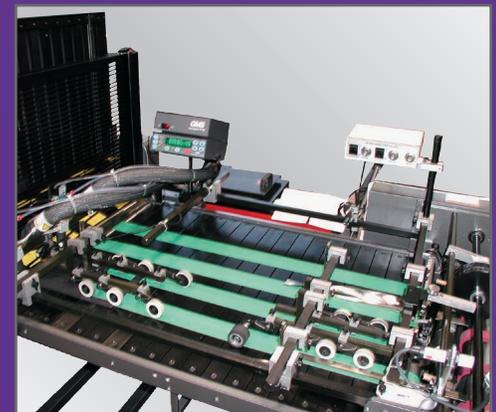
Vacuum Feeder

The Kluge Vacuum Feeder includes dual vacuum wheels and blow pipes. Toolless technology allows for simple manifold position adjustment. Features such as the multiple sheet detector and rear sheet separator air blast provide smooth operation and reduce down time. The feeder comes equipped with a hand wheel allowing manual advancement or reversing of stock for precise adjustment during make-ready.



Friction Feeder

The Kluge Friction Feeder is designed to continuously feed stocks that are difficult or impossible to feed with the Vacuum Feeder. Unlike the Vacuum Feeder, the Friction Feeder feeds stock from the bottom of the pile allowing for stock reloads while the machine is running and reducing down time. The Friction Feeder is a portable unit that can be removed when the Vacuum Feeder is a more suitable option.



Segmented Infeed Table

A segmented surface allows for increased versatility and reduced make-ready time. Clean up time is also reduced by removing segments that would otherwise collect excess glue. The 2" wide segments can be removed or replaced as needed, enabling operators to set up a job that uses tab blaster, airgate, fold hooks and glue systems at any point along the table.

Glue Heads

Encoder-based Controls

Vacuum Feeder



What are our customers saying about the UniFold?

From presentation folders to CD sleeves, the Kluge UniFold allows us to run them all.

David Hutchison,
Managing Member/CEO,
BrightMARKS

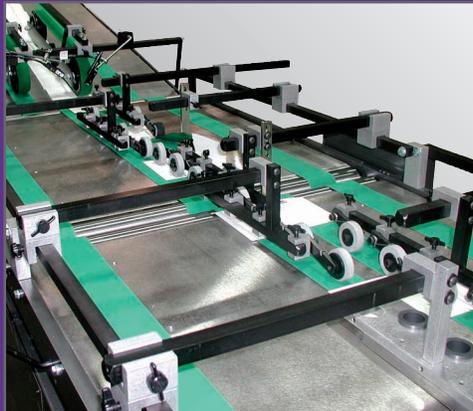
*The Kluge UniFold has helped us grow our business and more importantly...
...grow profits.*

Joe Metzger, President,
Metzgers Printing & Mailing



Vertical Buckle Fold Unit

The Vertical Buckle Fold Unit can fold stocks ranging from 8pt to 24pt while eliminating crows feet (wrinkling), a common problem with thicker stocks. For lighter stocks or multiple upfolds there is the angled plate position. The UniFold angled and vertical buckle fold plates are identical in design and use universal mounting.



TransTable III Converting Unit

The TransTable III Converting Unit is comprised of two 3ft conveyor-like tables with four 2.5 inch wide belts. This multifunctional unit can be configured for gluing, folding, taping, inserting, plow folding, airgate folding and bump 90. The 18 inch extension table included with the unit, adds converting space for more complex applications.



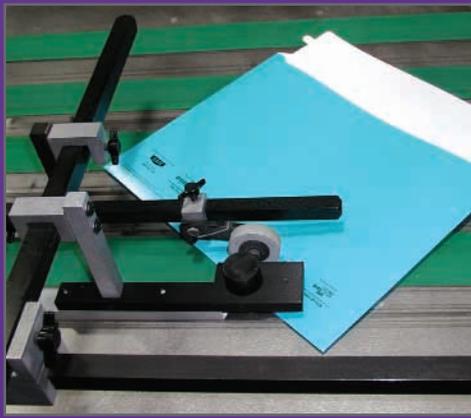
Stacker Unit

Stacking and batching is made easy with the UniFold Stacker Unit. An electronic batch counter controls the belt drive providing consistent batching. An electronic counter keeps track of total production. The stacker height is easily adjusted by a rack-and-pinion drive.



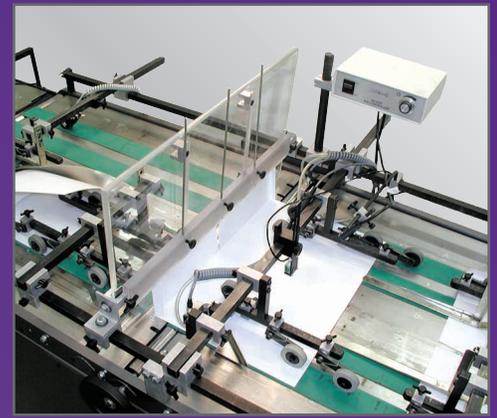
Final Fold II

The Kluge Final Fold II Unit is built with a sturdy 2" x 2" welded tubular steel frame to provide a stable and long lasting unit. The center drive belt design helps drive stock through points in the saddle where sheets have a slight tendency to stall. The belt design also reduces scuffing by keeping the stock moving at the same speed as the fold belts. The Final Fold II still boasts quick and easy make-readies, providing the fastest set-up of any finishing section in the industry.



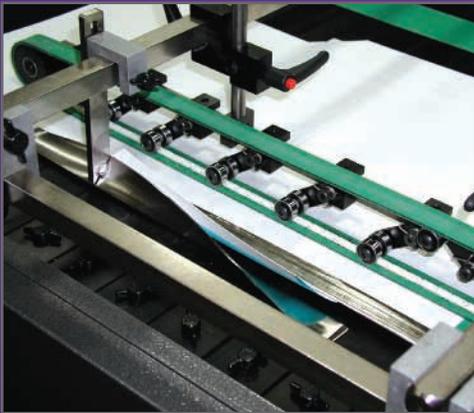
Bump 90

The Bump 90 is an essential accessory included with the TransTable III. This feature rotates sheets 90 degrees, aligning the sheets for plow folding, taping and two-direction gluing.



AirGate Module

The AirGate module provides a solution for folding heavy stocks that are prone to wrinkling. Included with the TransTable III, the AirGate module can also convert a cross-fold in addition to the Vertical Buckle Fold Unit.



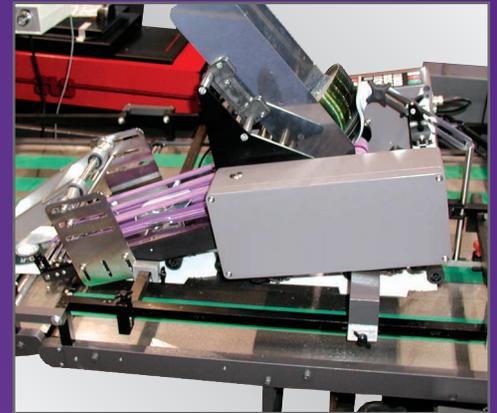
Top Belt Drives

The Top Belt Drives deliver continuous drive and pressure to products. This aspect improves sheet control on all products that require plow, airgate or flipgate folding. Features a 1/8" thick belt, skew adjustment for fine tuning sheet alignment, independently spring loaded pressure wheels maintain even and firm pressure with sealed bearings throughout. Available in 18" and 33" sizes.



Glue Systems

Kluge Automatic Folder/Gluers are compatible with leading third party manufacturers of hot melt and cold glue systems. Here, dual hot melt glue heads apply adhesive to the side tabs on a CD wallet, prior to cross folding on the Vertical Buckle Fold Unit.



Friction Fed Tipping Unit

This unit allows for high speed and precise placement of an item inline with folding and gluing. For example, a digi pack insert could be placed and glued onto the cover inline after it has been folded on the infeed table.

Additional third party accessories including automatic tape heads, labellers and ink jetting products may be configured on all Kluge Automatic Folder/Gluers.



Brandtjen & Kluge, Inc.
539 Blanding Woods Road
St. Croix Falls, WI 54024

Toll-free in U.S./Canada: (800) 826-7320
Phone: (715) 483-3265
Fax: (715) 483-1640
www.kluge.biz

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