

Kluge EHD Series Press

• Foil Stamping • Embossing • Die Cutting

Finishing techniques that add value to any printed piece. Used individually or in combination, these techniques transform the ordinary into the extraordinary.

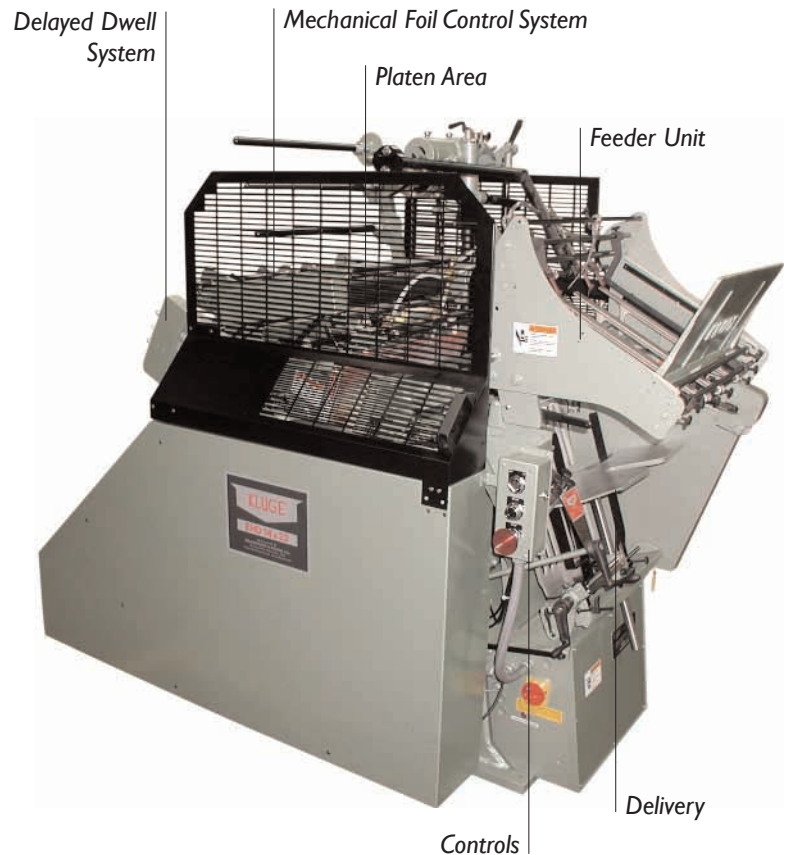
The process of foil stamping and embossing requires a combination of impression strength, heat and time on impression. At Kluge, we understand this process, and our presses are designed from the ground up to perform to the demands of the market.

All Kluge presses start with a welded steel frame, solid steel sidearms and a cast iron bed and platen. Combined, these core elements give the EHD Series Press unmatched impression strength.

A dual zone die heating plate with programmable temperature control ensures even heat distribution.

Kluge's patented dwell side arms enable the press to double the time on impression without sacrificing production speed.

Impressional strength. Controlled heat. Dwell time. The core elements that make the Kluge EHD Series Press the standard of the industry.



Standard features

- Feeder - Straight-in/straight-out feeding motion prevents misfeeding of stock, allows for a wide range of stock thicknesses and shapes and ensures registration of +/- .004"
- Delivery - Four-finger delivery arm, with a receding pile delivery table and impression counter
- Mechanical Foil Control System (MFCS) - A three-draw system allows for a wide array of foil, includes a single foil rewind shaft and three separate rewind clutches
- Toggle Base and Die Heating Plate - The toggle base enables an infinite range of die mounting positions and the hot plate has two independently controlled heating zones
- Delayed Dwell System - Kluge's patented delayed dwell system uses heavy duty springs to double time on impression without sacrificing production speed
- Micro Adjustable Gauge Band - Precisely adjust the gauge band for sheet placement
- Control Panel - Operator-friendly controls for start, on/off impression, feed, vacuum and stop

Optional features

- Wide Magazine
- Preload Magazine
- Delayed Delivery
- Two-up Feeding
- Missed Sheet Detector
- Filler Plate
- Mechanical Jogger
- Variable Speed Control
- Dual Foil Rewind
- Electronic Foil Control System
- Foil Detector
- Hologram Registration
- Grid Etched Lightweight Toggle Base
- Box Feeder
- Adjustable Impression
- Lockout Delayed Dwell System

Kluge - the next generation in specialty print finishing and folding & gluing equipment

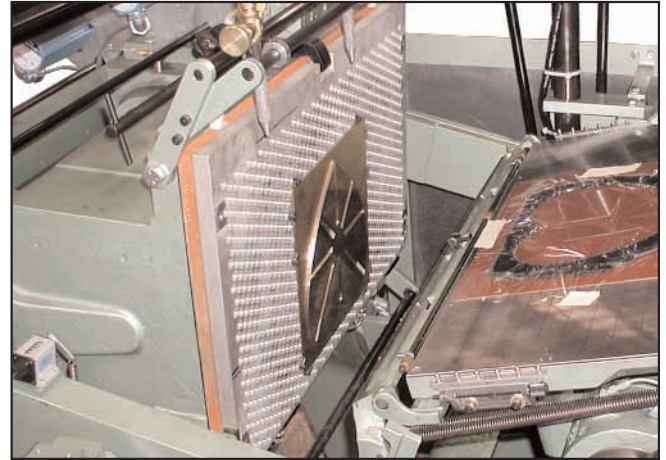


Kluge EHD Series Press



Feeder

The Kluge feeder offers ease of operation and unmatched versatility. The straight-in/straight-out feeding motion prevents misfeeding of stock, allows for a wide range of stock thickness and ensures registration of +/- .004". The open bottom design and use of air blast allow feeding of odd-shaped and circular cut stock. The entire system can be swung away allows for complete access to the platen area for easy make-ready and set up.



Toggle Base and Die Heating Plate

The Kluge toggle base enables an infinite range of secure die mounting positions. The press, while set up to use standard 1/4" (.250") thick dies, can be adjusted to accept dies ranging from .062" - .340" in thickness. The toggle base mounts directly to the hot plate which has two heating zones controlled by individual heat controls.

Photograph above shows optional grid-etched toggle base and make-ready plate.

EHD Press Specifications

Platen Size	14" x 22" (356 mm x 559 mm)
Length	74" (1880 mm)
Width	50" (1270 mm)
Height	68" (1727 mm)
Net Weight (approx.)	4400 lbs (1996 kg)
Shipping Weight (approx.)	5000 lbs (2268 kg)
Operating Speed	Up to 3300 iph
Maximum Sheet Size*	15" x 24.75" (381 mm x 629 mm)
Minimum Sheet Size	3" x 3" (76 mm x 76 mm)
Magazine Capacity	14" (356 mm)
Delivery Capacity	14" (356 mm)
Inside Chase Dimensions	14" x 22" (330 mm x 483 mm)
Outside Chase Dimensions	16.25" x 23.5" (413 mm x 597 mm)
Main and Back Shaft Diameter	4.375" (111 mm)
Stock Range	Onion Skin to .200" board
Electrical	3 h.p., A.C. 230/460 volt, three-phase, 1800 rpm, 60 cycle constant speed motor with v-belt drive and variable pitch pulley. Other voltages and cycles available.
Air	90 psi @ 10 cfm

*The Delayed Delivery option increases the maximum sheet height to 17" and the Wide Magazine option increases the maximum sheet width to 26.25".

Applications

- Greeting cards
- Holograms
- Presentation/pocket folders
- Paperback/casebound book covers
- Labels
- Business cards
- Letterhead/stationery
- Announcements
- Report covers
- Security printing
- Packaging
- Die cutting/kiss cutting

WARNING: For literature purposes, the guards and safety features have been removed. Kluge products should never be operated without all proper guards fully functioning and in place. A Kluge press should never be hand-fed.



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