

Kluge 14x22 EHD Series Foil Stamping, Embossing & Diecutting Press



Overview

Finishing techniques 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 frame, solid steel side arms and a cast iron bed and platen.

Impressional strength, controlled heat and dwell time are the core elements that make the Kluge EHD Series Press the standard of the industry.

Foil Stamping, Embossing & Diecutting Applications

- Folding Cartons
- Greeting cards
- Holograms and security
- Presentation/pocket folders
- Paper/hard back book covers
- Labels
- Business cards
- Digital Workflow
- Letterhead/stationery
- Announcements
- Report covers
- Packaging
- Diecutting/kiss cutting
- Media and mailing

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".
- Mechanical Foil Control System (MFCS) - a 3-draw system for a range of foil, includes one foil rewind shaft and three separate rewind clutches. Electronic model available.
- Toggle Base and Dual Zone Hot Plate - The toggle base enables an infinite range of die mounting positions and the hot plate has two independently controlled heating zones.
- Adjustable Impression - Simple impression adjustment by turning the crank handle
- Micro Adjustable Gauge Band - Precisely adjust the gauge band for sheet placement.
- Delivery - Four-finger delivery arm, with a receding pile delivery table and impression counter.
- Control Panel - Operator-friendly controls for start, on/off impression, feed, vacuum, stop and feed without impression.
- Reversible Register Cam - Enables operator to switch from left to right side registration in seconds.
- Missed Sheet Detector - Prevents die, make-ready and press damage.

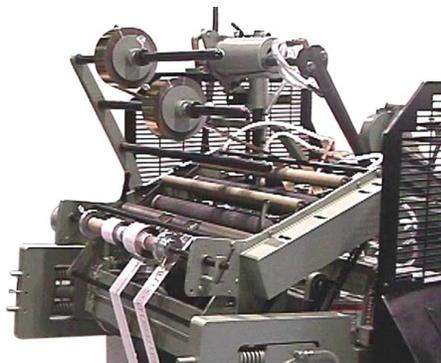


EHD Series



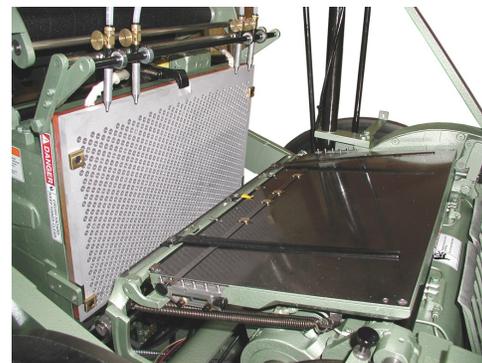
Feeder

Kluge feeders offer ease of operation and unmatched versatility. Their straight-in/-out motion prevents mis-fed stock, can feed a wide range of material thicknesses and ensures registration of +/- .004". The open bottom design and air blast allows odd-shaped stock to be easily fed. The feeder can be swung away for make-ready.



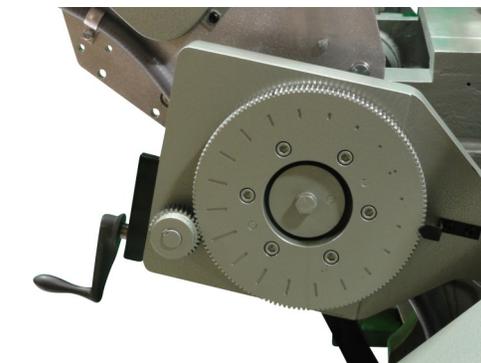
Mechanical Foil Control System

The press comes equipped with a three-draw mechanical foil control system (MFCS). This reliable system allows for a wide array of foil draws and coverage with registration, or accuracy, between images of .25". Includes an air blast system to assist foil release and a foil rewind shaft with three rewind clutches.



Toggle Base and Die Heating Plate

Enables an infinite range of secure die mounting positions. The press is set up for standard 1/4" (.250") thick dies, but can also accept dies from .062-.340" thick. The toggle base mounts directly to the hot plate. There are two individually-controlled heat zones. *Optional grid-etched toggle base/make-ready plate not shown.*



Adjustable Impression

Adjustments are made by shortening or lengthening the side arms with a turn of the impression adjustment handle. Total adjustment is .144" and is infinitely variable. The end result is a reduction in make-ready time and less dependence on set up skills.



Two-Up Feeder Attachment (optional)

One of the many accessories available for the Kluge EHD is the two-up feeding attachment. Adding two-up feeding capability to your press enables you to run two jobs simultaneously or the same job at double the productivity.



Delivery

The Kluge delivery system utilizes a four-finger delivery arm operating via a straight-out motion. Combined with a receding pile delivery table and impression counter, the Kluge EHD will not damage stock and gives the operator an accurate count of stock run.

Specifications		ENGLISH	METRIC
Platen Size		14" x 22"	356 mm x 559 mm
Length, Width & Height		74", 50", 68"	1880, 1270, 1727 mm
Net Weight (approx.)		4400 lbs	1996 kg
Operating Speed	Up to 3300 iph		
Maximum Sheet Size*		17" x 24.75"	432 mm x 629 mm
Minimum Sheet Size**		4" x 5"	102 mm x 127 mm
Magazine Capacity		14"	356 mm
Delivery Capacity		14"	356 mm
Inside Chase Dimensions		14" x 22"	356 mm x 559 mm
Outside Chase Dimensions		16.25" x 23.5"	413 mm x 597 mm
Stock Range	Onion Skin to .200" board		
Electrical	208/230V, 3 phase, 60 cycle		

*Wide Magazine option increases the maximum sheet width to 26.25". **Standard delivery is available in place of Delayed Delivery, allowing for a minimum sheet size of 3" x 3" and a maximum sheet height of 15". Please note that certified and remanufactured presses may vary in features and specifications.

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



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