

FAST AND STABLE

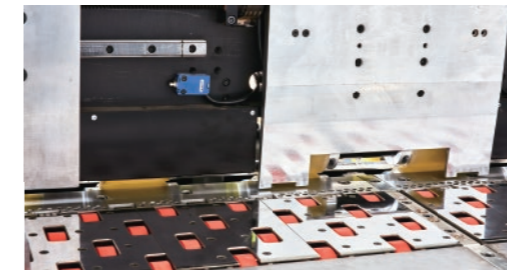
The ECUT 1650 ELITE CLASS: SAL/SAHL Automatic Diecutting and Creasing Machine is specially designed for laminated, flexo-printed, and pre-printed corrugated boxes with high yield. It can diecut corrugated board in the range of 1-8.5 mm. The parallel cam driving index unit optimizes motion curve and allows gripper bar to run smoothly, thus reaches higher productivity.

There are two choices for delivery, SAL is for stacking with counts and SAHL is for high piling. You can choose according to your specific requirement.



FEATURES:

- Gearing wheel with optimized design and space facilitates higher engage precision with less friction noise;
- Application of double-section-and-double-row chains to transfer and feed paper ensures better stability in each operation;
- Absolute sealing and dust-proof design decreases maintenance frequency and cost as well as raise the productivity;
- To utilize 30% less parts in the optimized index brings much more stable performance with less chance of fault;
- 10.4" color touch screen operation panel gives total control of the machine and graphic display machine parameters, job setting, fault diagnosis and etc., more direct and operator friendly;
- The centralized lubrication system is easy to maintenance.



FEEDER

- The combination of feeding technology of European diecutting machine and lead edge feeding features of high-speed flexo printing machine, newly designed lead edge feeder with precise feeding system will provide more accurate and positive feeding than ever;
- Left and right hand side guides with separating and synchronizing adjustment available. Inclined front guide plate with back and forth, up and down micro-adjustments to reduce the pressure on bottom sheet of the pile to ensure smooth feeding;
- Rear jogger at feeder in preparation for future in line with prefeeder in order to improve productivity and decrease labor cost (optional);
- Sheet feeding grid height adjustable according to sheet quality and thickness for smooth and precise feeding.



FRONT LAY WITH SLOW DOWN AND SIDE ALIGNMENT

- Selectable left and right side push lays to ensure accurate alignment;
- The conveyer belt is imported, and rotary brushes could be adapted to run cardboard with different thickness, paper pressing frame is designed for heavy duty structure;
- Patent special differential sheet feeding curve ensures gentle touch of lead edge at front lay hence accurate register;
- Sheet arrives at front lay with servo motor controlled slow down action for precise registration.

DIECUTTING

- Specially designed for diecutting machines, this new worm gear and crank shaft mechanism drives the mobile platen through toggle mechanism more efficiently, reducing the main motor power by 16% and thus decreasing power consumption;
- Cutting pressure fine adjustment wheel with position indicate gauge;
- Newly designed gripper bar parallel cam driving index unit with large motion angle to allow gripper bar starts and stops gently, thus require less and smaller nicks and higher productivity.



STRIPPING

- Stationary middle stripping board coupled with special upper stripping frame movement curve in order to produce extra force at waste nipping point for clean waste stripping;
- Center line system for quick stripping die set up and change over, compatible with Centerline II ;
- Center line system for quick system tool set up and change over, compatible with Centerline II ;
- Front edge waste removal system removes and transfers waste edge outside the machine via conveyor belt;
- Front edge waste stripping tool with longer stroke and superior curve of motion greatly eases the stripping action.



BATCH COUNTER BELT TYPE DEVICE (SAL)

- Escalator delivery fork with non-stop air cylinder for neat and positive delivery and conveyor belt delivery table to protect the sheets from scratches
- The bundle delivery table can be prepared for future connection with breaker for in line operation (to be required at order)
- Electrical batch counter

HIGH PILE DELIVERY (SAHL)

- High pile delivery system with non-stop curtain allows sheets to be transferred as a high pile
- Electrical batch counter
- Mechanical cam driven side joggles and shutter (banana bar) with motorized position adjustment is more accurate and suitable for multi-out diecutting
- Electrically adjustable side joggles are reliable and easy to operate

SPECIFICATIONS

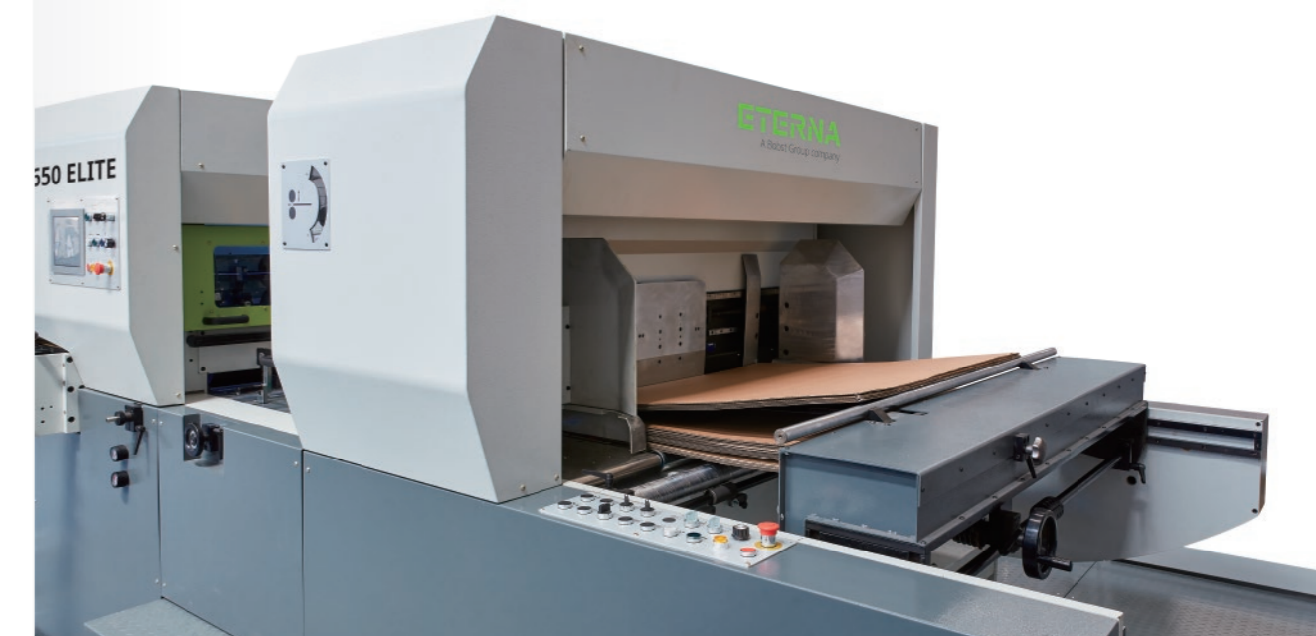
Sheet Size Max.	1650 × 1200 mm
Sheet Size Min.	650 × 450 mm
Cutting Size Max.	1630 × 1180 mm
Inner Chase Size	1670 × 1230 mm
Stock Range	E, B, C, A and AB flute corrugated board
Gripper Waste Min.	12 mm
Gripper Margin Min.	6~12 mm
Cutting Rule Height	23.8 mm
Mechanical Speed Max.	5800 cycles/hour
Cutting Pressure Max.	400 Ton
Total Power Required	45 KW
Electrical Power	380V, 3-Phase, 50HZ
Gross Weight	40 Ton
Mobile Lower Platen Adjusting Range	±1.5 mm

	SAL	SAHL
Machine Dimensions (Catwalk included) (Length × Width × Height)	11500 × 5840 × 2514 mm	10164 × 5840 × 2814 mm
Delivery Pile Height	320 mm	1400 mm (Pallet included)

* In the interests of product improvement, the manufacturer reserves its rights to change specifications and features without notice.

ECUT 1650 ELITE

CLASS: SAL/SAHL



**AUTOMATIC DIE-CUTTER
WITH LEAD EDGE FEEDER & EXTENDED FEEDING TABLE**

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