

Specifications

Stock Range

Corrugated Board	E/ B/ C/ A/ AB flute (1~8.5mm)
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Basic Performance

Max. Sheet Size	1620 × 1200 mm
Min. Sheet Size	650 × 450 mm
Max. Mechanical Speed	5000 s/h
Max. Cutting Pressure	400 ton

Die-Cutting

Max. Cutting Size	1600 × 1180 mm
Inner Chase Size	1630 × 1210 mm
Min. Gripper Waste	12 mm
Adjustable Gripper Bite Range	6-12 mm
Cutting Rule Height	23.8 mm
Mobile Lower Platen Adjusting Range	±1.5 mm

Electrical

Total Power Required	35 kw
Variable Speed Main Motor	22 kw
Max. Air Compressor Displacement	0.7 m³/min
Electrical Power	380V, 3-Phase, 50HZ

	SA	SHA
Machine Dimensions (Catwalk included) (L × W × H)	9980 × 5670 × 2480 mm	8836 × 6000 × 2780 mm
Gross Weight	39.5 Ton	39.5 Ton
Delivery Pile Height	320 mm	1400 mm (Pallet included)

ETERNA always puts quality first during the development. Each product goes through rigorous and meticulous tests. Attention from every tiny detail, every production process, every technology procedure, even the small aspect of product management, is taken very seriously. Because we always uphold the philosophy of manufacturing the highest quality products for our customers.

Eterna is committed to creating die-cutting machines with highest quality standards.

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Automatic Die-Cutter
with Stripping Station

CUT 1620
CLASS: SA/SHA



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

Automatic Die-Cutter
with Stripping Station

ECUT 1620

CLASS: SA/SHA

ECUT 1620 CLASS: SA / SHA automatic die-cutter is specially designed for flexo and pre-printed corrugated boxes. It can die cut corrugated board (except litho-laminated boxes) in the range of 1mm-8.5mm thickness. Feeder is driven by high torque servo motor that can greatly improve the precision in delivery of heavy corrugated boards. Compared to traditional mechanical delivery methods, the accuracy is greatly improved and when precision and high productivity count, this is the machine you want.

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



Main Features

- Feeder runs smoothly with higher productivity and less stoppage, sheet delivery is smooth and piles are nice and neat;
- Precise registration and uniformed cutting platen pressure;
- Center line system for quick tool set up and job changeover;
- Meets and exceeds world safety standards, cutting edge proactive safety system.



FEEDER

- Allows consistent and precise feeding of wide range corrugated board;
- Unique polyurethane wheel surface with grid lifter and air cushion ensure smooth feeding of ward boards accurately;
- Front guage position allowed for back and forth adjusting to accommodate variation in gripper margin;
- Fine vacuum suction adjustment through inverter adapts wide range stocks from E flute to double wall.



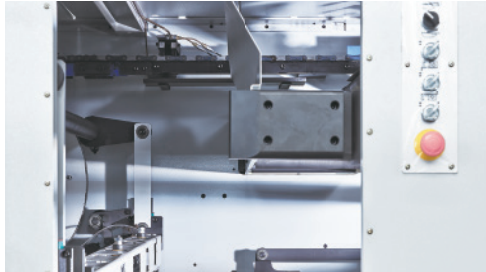
DIE-CUTTING SECTION

- Diecutting Station safety door and diechase safety locking system;
- State-of-the-art 3 cam index gripper chain drive;
- High torque pneumatic clutch braking system with overloading protection;
- 8-piece high Alloy gripper bars each with 12 special hardened gripper bits to ensure firm grab of the sheet at high speed;
- Centerline system compatible to CenterLine II , makes the cutting die and stripping die centered quickly.



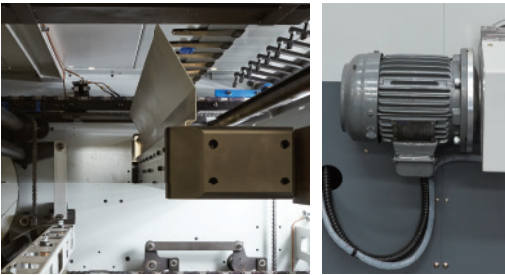
STRIPPING SECTION

- Quick lock stripping frame and automatic center line system for quick setup and changeover of front edge waste removal tool;
- Sheet sampling feature at STRIPPING SECTION for operational convenience with a push button;
- Smart triple action movement design of the upper and lower stripping frames better for difficult and unusual box shape.



DELIVERY (SA)

- Build with Back stop, Front and Side joggers to ensure neat stacking;
- Escalator delivery fork with non-stop air cylinder to obtain neat and positive delivery;
- Conveyor belt table to protect the sheets from scratch;
- Full stripping with/without lead edge waste stripping convertible by one button, no tool change, more operator friendly and safe operation.



DELIVERY (SHA)

- Spring loaded adjustable chain tension back buffering wheel to maintain constant chain tension and gripper bar smooth movement;
- High Pile Delivery Station with non-stop curtain system.



BATCH COUNTER BELT TYPE DEVICE (SA)

- Bundle delivery with pre-set counter requesting only one sheet interval in non-stop operation at high production speed;
- The bundle delivery table can be prepared for future connection with breaker for in line operation (to be required at order).



High Pile Delivery (SHA)

- Electronic Batch Counter with Tape Inserter;
- Rear damper adjusted via motorized control, mechanical side joggers adjusted manually, both are standard to ensure neat stacking.