

Automatic Die-Cutter
with Stripping Station

ECUT 1060 E

Simply efficient



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ECUT 1060 Series Die Cutters are developed based on proven technology from decades of analyzing customers' user experience, combining with current market trend. This machine is reliable, easy to operate and will greatly enhance your productivity and speed up return on investment.



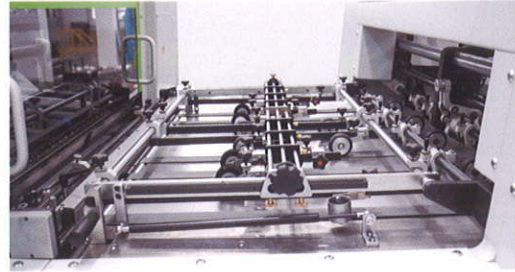
Main Features

- High performance, smooth running, low noise level, high safety features and easy to operate;
- Fully automatic non-stop feeder and preloading capabilities to boost productivity;
- Utilizing best alloy steel material at all critical points to enhance the durability and precision of the machine;
- Protective stops when oil or air pressure is below designed level;
- Hardened steel plate is both precise and durable;
- Entire travel path has no sharp corner to avoid any scratches;
- The specially designed three cam Index System runs extra smoothly;
- Sensors throughout the machine constantly monitoring every aspect of the operation and displaying any relevant information on large and sharp display, in the event of any equipment or operation fault.



FEEDER

- Preloading system with either preloading rail cart or with pallet jack to reduce down time;
- Non – stop feeder with automatic pile lift;
- Four pick-up and forward suction heads with angle adjustments;
- Patented turbo spiral air blower for smooth sheet transport.



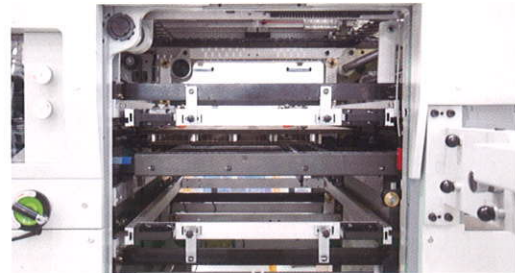
FEED TABLE SECTION

- Slanted Feed Table to obtain stable and accurate registration especially for lightweight paper at high speed;
- Side lays on both left- and right-hand sides push and pull convertible;
- Sheet slow down device of feeding belts with selective on/off switch to ensure accurate registration of the sheet at front lays.



DIE-CUTTING SECTION

- Pneumatic push button die chase locking mechanism to ensure safe and operator friendly during job change;
- Gripper bar driving chain tension wheel to keep the tension constant;
- Digital cutting pressure tonnage display with maximum pressure limit protection;
- Seven high precision alloy gripper bars. State-of-art 3 cam index gripper bar driving system to ensure smooth and precise gripper bar intermittent movement;
- Air blasting nozzle bar for stretching lightweight paper.



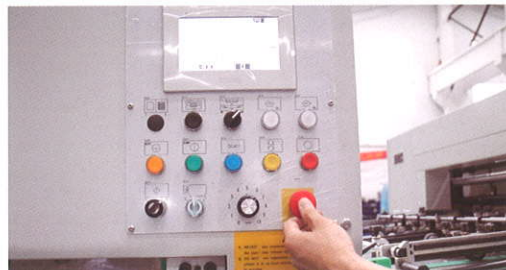
STRIPPING SECTION

- Triple action movement of the upper and lower stripping frames with lower spring-loaded stripping pins;
- Upper and lower stripping tool mounting frame can be pulled out for job set up;
- Motorized upper frame suspending hoister.



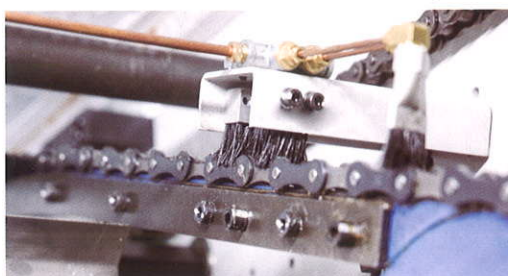
DELIVERY SECTION

- Non – stop delivery with automatic slow down, designed with safety device;
- Sheet stretching air blower and sheet tail pressing down brush bar;
- Rear and side joggers with easy position adjustments;
- Counter with Tape inserter as optional.



safety protection

- The safe testing of load and unload material
- The safe testing of operation window
- Multi-position emergency stop button ,Just close enough to touch



LUBRICATION SYSTEM

- Cooling system for lubrication oil to reduce pressure difference thus lower product defective rate;
- Gripper driving chain lubrication system is controlled by solenoid valves to avoid splashing oil onto products;
- Gripper bar is force lubricated via pumping system.



SAMPLING CAPABILITY

- Easy sampling system to enable operators checking product quality easily and safely.

Specifications

Stock Range

Cardboard	80- 2000 g/m ² (subject to quality of the paper)
Corrugated Board	thickness ≤ 4mm (subject to quality of the corrugated board)

Basic Performance

Max. Sheet Size	1060 × 760 mm
Min. Sheet Size	400 × 370 mm
Max. Mechanical Speed	7500 s/h
Max. Cutting Pressure	300 ton

Maximum Pile Height (incl. pallet)

Max. Pile Height at Feeder (Normal Mode)	1400 mm (+200 mm optional)
Max. Pile Height at Feeder (Non-stop Mode)	1000 mm (+200 mm optional)
Max. Pile Height at Delivery (Normal Mode)	1150 mm (+200 mm optional)
Max. Pile Height at Delivery (Non-stop Mode)	1000 mm (+200 mm optional)

Die-Cutting

Max. Cutting Size	1045 × 745 mm
Inner Chase Size	1080 × 774 mm
Min. Gripper Margin	8 mm
Cutting Rule Height	23.8 mm

Electrical

Total Power Required	20 kw
Max. Air Compressor Displacement	0,36 m ³ /min

Machine Dimensions	7075 × 4290 × 2030 mm
Gross Weight	16 tons

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


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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