

**Specifications**

**Stock Range**

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

**Basic Performance**

Max. Sheet Size	1060 × 750 mm
Min. Sheet Size	400 × 360 mm
Max. Mechanical Speed	7500 s/h
Max. Cutting Pressure	300 ton

**Maximum Pile Height (incl. pallet)**

Max. Pile Height at Feeder (Normal Mode)	1250 mm (+300 mm optional)
Max. Pile Height at Feeder (Non-stop Mode)	1000 mm (+300 mm optional)
Max. Pile Height at Delivery (Normal Mode)	1150 mm (+300 mm optional)
Max. Pile Height at Delivery (Non-stop Mode)	1000 mm (+300 mm optional)

**Die-Cutting**

Max. Cutting Size	1040 × 720 mm
Inner Chase Size	1080 × 745 mm
Min. Gripper Margin	8 mm
Cutting Rule Height	23.8 mm

**Electrical**

Total Power Required	19 kw (ECUT 1060); 20 kw (ECUT 1060E) 43 kw (ECUT 1060H); 44 kw (ECUT 1060EH)
Electrical Power	380V, 3 phase, 50HZ
Max. Air Compressor Displacement	0.36 m <sup>3</sup> /min

Machine Dimensions	6120 × 4290 × 2030 mm (ECUT 1060, ECUT 1060H)
	7075 × 4290 × 2030 mm (ECUT 1060E, ECUT 1060EH)

Gross Weight	15 tons (ECUT 1060, ECUT 1060H)
	16.5 tons (ECUT 1060E, ECUT 1060EH)

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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\* 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 1060**

**Simply  
efficient**



## Automatic Die-Cutter with Stripping Station

# ECUT 1060

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.



### 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.



### 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.



### HEATING SYSTEM (H)

- Heating base with 12 heating zones, can be set up temperature and adjustment individually;
- Fast heating-up electric heating base to reach the required working temperature within only 30 minutes;
- Self contained heating control device.
- Heating Temperature Adjustment Range: 0°C – 200°C
- Heating Zone of Heating Base: 12
- Power Consumption of Heating Base: 24 kw



### STRIPPING SECTION (E)

- 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;
- Gripper edge removal system as standard;
- Motorized upper frame suspending hoister.



### 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.



### 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 joggles with easy position adjustments;
- Counter with Tape inserter as standard.



### SAMPLING CAPABILITY

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