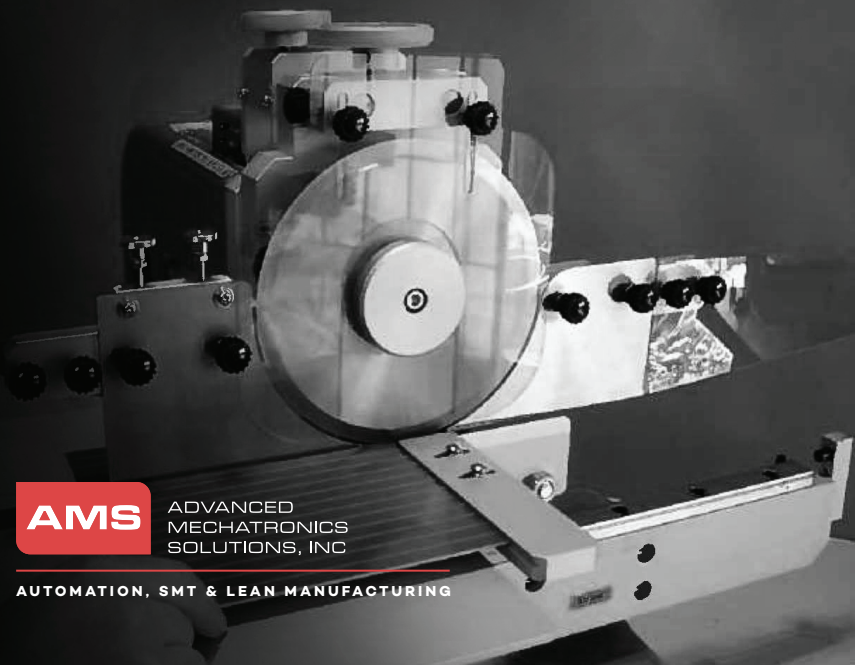


PCB CUTTING SUPPORTER

(New Models)



AMS

ADVANCED
MECHATRONICS
SOLUTIONS, INC

AUTOMATION, SMT & LEAN MANUFACTURING

Cutting machine that is gentle & safe for surface mounted boards.

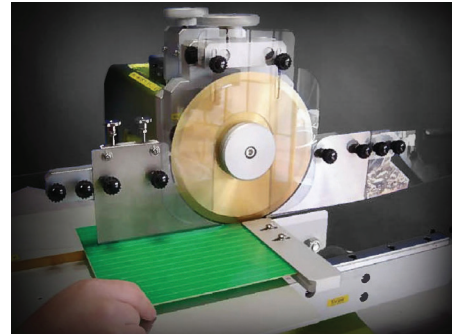
High-precision cutting machine capable of dividing boards without allowing the upper and lower blades to intersect.

www.ams-fa.com

FEATURES

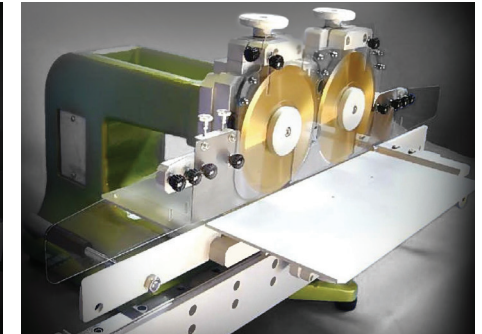
Cutting is performed without motor drive,
resulting in the following benefits:

- ✓ Easy on the environment, with little dust or static electricity
- ✓ Does not generate seismic waves or shock waves
- ✓ High precision cutting without allow intersecting of the upper and lower blades
- ✓ Each cut takes only 3-4 seconds
- ✓ No severing action, so there is no wear on the blade tip



**SINGLE MODEL
ECOMOST EM-360M**

Structure designed for switching
between manual and upper blade
sending motor.



**DOUBLE MODEL
ECOMOST EMW-360**

(Manual Operation)

EM-260M, EM-360M, EM-460M

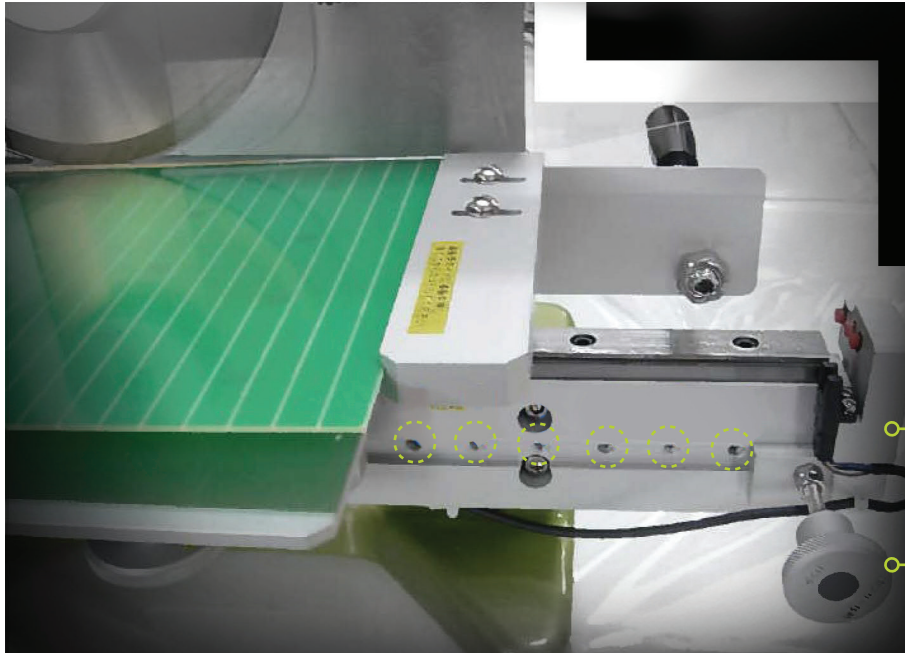
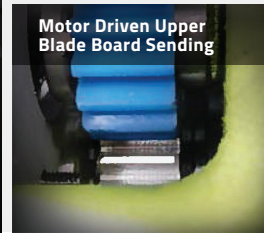
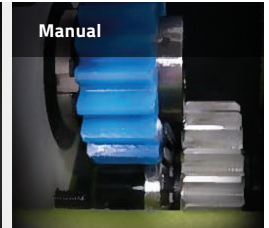
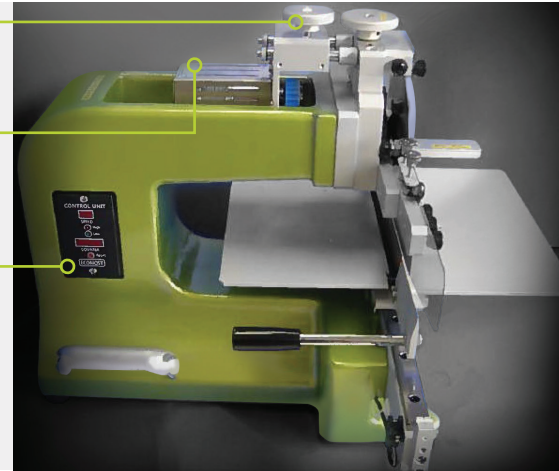
- / Mechanism for switching between manual <--> upper blade board sending motor.
- / Automatically send a board using the rotation of the upper blade.
- / Sending is activated by the "Engage gear <--> Release gear" operation.

Lock for switch between Manual & Motor Driven Upper Blade Board Sending

Motor

Sensor Position Setting Lock

Control panel for motor and count meter



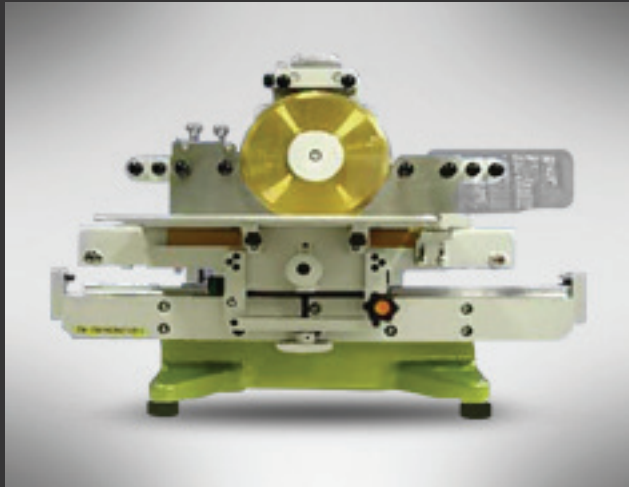
Sensor Position Movement

- / Using the sensor position movement hole, select a stroke that matches the size of the board.
- / Move the sensor position setting lock to match the position to the size of the board.

Sensor Position Movement Hole

Sensor Position Setting Lock

MODELS

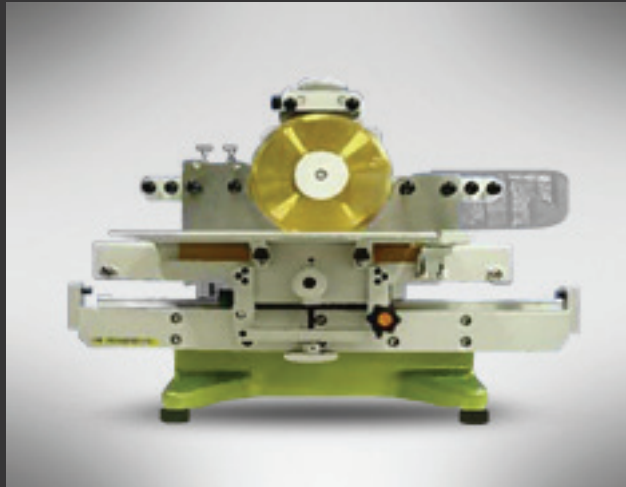


EM-260 (SINGLE MODEL)
MAXIMUM CUT LENGTH: 260mm

Upper Blade
 $\Phi 160.3$
THICKNESS
 1.5mm

Lower Blade

LENGTH : 270mm

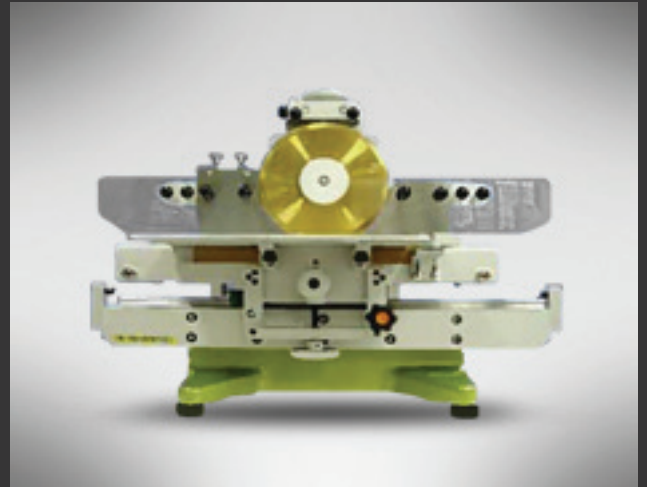


EM-360 (SINGLE MODEL)
MAXIMUM CUT LENGTH: 360mm

Upper Blade
 $\Phi 160.3$
THICKNESS
 1.5mm

Lower Blade

LENGTH : 370mm



EM-460 (SINGLE MODEL)
MAXIMUM CUT LENGTH: 460mm

Upper Blade
 $\Phi 160.3$
THICKNESS
 1.5mm

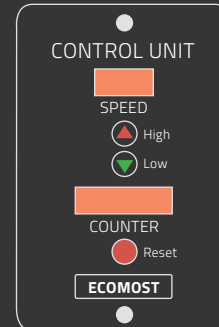
Lower Blade

LENGTH : 470mm

Circuit Board Specification

MAXIMUM CUT SIZE	260mm	360mm	460mm
EXTERNAL DIMENSIONS (mm)	600 x 645 x 432	600 x 816.5 x 439	600 x 1018 x 439
WEIGHT	37kg	39kg	42kg
MOUNTED COMPONENT LIMITATIONS	50mm upper side , 27mm lower side		
MANUAL <--> MOTOR	Can switch between manual operation and motor operation for upper blade board sending		

Control Panel



- / Motor operation for upper blade board sending
- / Digital count meter

SPECIFICATION

- / Counter unit: 1 (1-9999)
Initializes to 0 by using reset button
- / Power consumption: 100~240V SMP S, 50W DC24V
At stop: 4W
At no-load operation: 15W
At load operation: 25W

THANK YOU

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MECHATRONICS
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AUTOMATION, SMT & LEAN MANUFACTURING

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