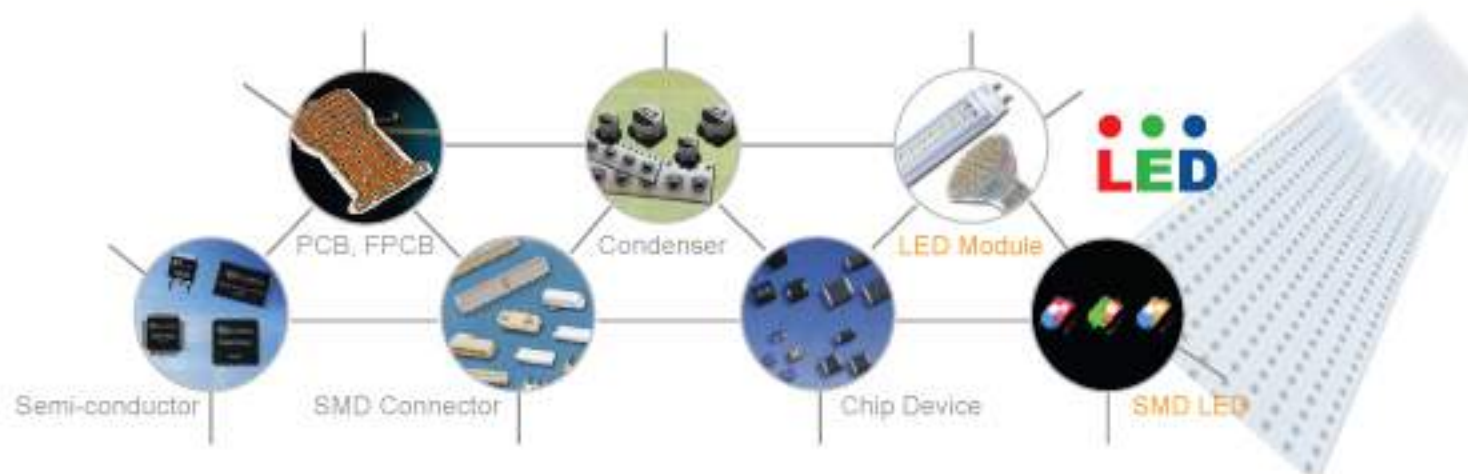


# V-Cutting Machine

Automatic Long PCB V cutting 분할기



The PCB V-Cutting machine N700 series is equipped with 6 small Japanese high speed steel blades. Therefore, its cutting process is divided into 3 parts. It makes the machine cuts boards without burrs and deformation under little stress. N700 series has been specially designed for cutting LED PCBs and aluminum plate. The machine supports the cutting of assembled PCB boards with unlimited length.

The cutting tool is made of Japanese high speed steel ensures its durability. Also, N700 series minimizes the shearing stress to avoid micro cracks of the solder joints. Using ball bearing slideway makes the users less power to use. In addition, the ball bearing slideway provides easy cutting and give the users a choice whether he uses manual way or semi auto way.

The distance between upper and bottom blades can be adjusted depending on the thickness of boards by adjusting the height of upper blade. All PCBs with v-cut can be separated by N700 series machines.



## N700

### FEATURES

- Aluminum plate and substrate, LED bar light boards, LED Panel, Fiberboard, Cooper substrate, FR4, Glass fiber board
- Max. length of board : Unlimited
- Less stress on the board
- Adjustable the distance between upper and bottom blades
- Japanese High Speed Steel Cutting Tool
- Able to connect two machines
- Cutting Speed : 80 / 120 / 200 / 400mm/sec
- Cutting Width : 58 - 220mm
- Thickness of Plate: 0.2 - 5.0mm
- Operation Way : Automatic
- Power : 220VAC
- Dimension 325 x 380 x 333mm(without platform)
- Weight : 33kg (without platform)

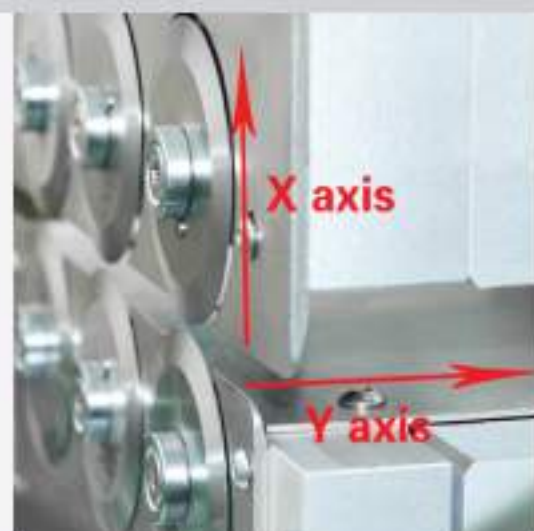
### OPTIONS

- 1.2m / 2.4m platform  
1200 x 370 x 333mm, 6kg  
2400 x 370 x 333mm, 15kg

#### Details of the equipment



PCB Cutting



Axis Adjustable



Easy Width Controlling



Speed Control & Emergency Button



Blade Height Adjustment



# QUALITY & RELIABILITY

SMALL & MULTI 제품 브이커팅에 적합한 HEEBKO장비는 아래와 같은 분야에서 사용시 더욱 효율적입니다.

- Metal Boards, Aluminum plate and substrate, LED bar light boards, LED Panel, Fiberboard, Cooper substrate, FR4, Glass fiber board 등
- 기타 보드의 반복적인 커팅작업이나 V-Cut이 필요할 시
- 최소한의 손상을 요구하는 커팅작업

## Easy Cutting Width Adjustable Guide



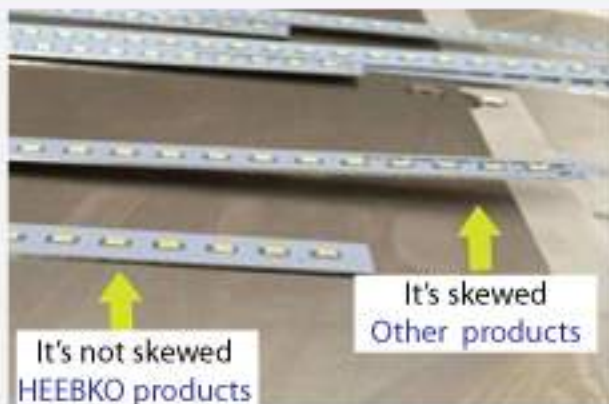
Adjusting cutting width is very easy to use. Not only adjustable guide helps to cut boards evenly but also it helps to adjust cutting width very easily.

## Using Japanese High Speed Steel



N700 series v-cutting machine is equipped with Japanese high speed steel cutting tool. Basically, N700 series can adjust the height of the blade for the suitable thickness.

## Minimized Stress



HEEBKO v-cutting machines provide minimized stress on the boards. The machines only provide low cutting press to avoid solder crack or skewness.

## Control & Emergency Buttons



There are speed control button, emergency button and positive and negative button on the machine. For your convenience and safety, these buttons can help you.

## Adjustable Height of the Knives



N700 series can connect second N700 for the minimized stress and good quality. Especially, this connecting is good to use for metal boards.

## Adjustment Scale on a Platform



For convenience, 1.2m or 2.4m long platform can be choose. Adjustment scale on the platform helps users to adjust cutting width easily and exactly.

## 1.2m / 2.4m Long Platforms

Basically, HEEBKO V-Cutting machines provide 1.2m or 2.4m platform optionally. When the users use long PCB boards or fiber boards, it needs to be hold to avoid unnecessary moving. These platforms give the users exact and more faster results. Also, adjustment scale on a platform decreases the time required for adjustment of cutting width because it provide easy adjustment way.



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