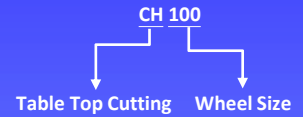


PRECISO-CH Series Diamond Saw

Platform
Cutting

Adjustable
Spindle Speed



CH100

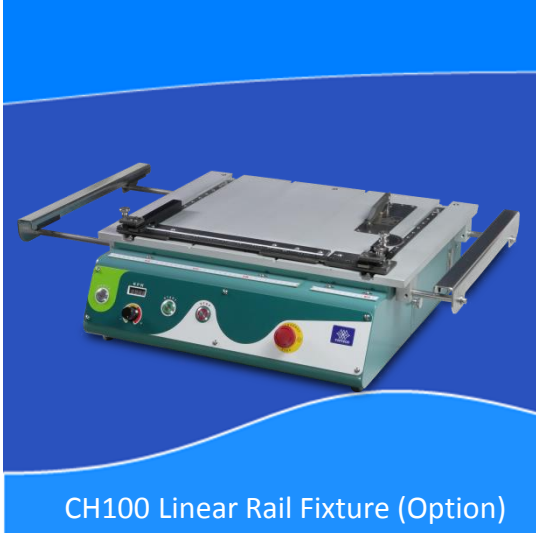
*Perfect Surface.
Always*

- Suitable for various types of board samples, such as carbon fiber boards or PCB boards.
- Retractable platform increases sample placement space.
- Magnetic side door and debris disposal guide design for easier cleaning.
- Angle gauge allows effortless adjustment of various cutting angles.
- Linear rail fixture enables efficient and stable cutting (option).

Introduction & Feature

Application: Electronic Industry, Manufacturing Industry

Suitable for high-temperature-resistant board samples, such as carbon fiber boards and PCB boards.



CH100 Linear Rail Fixture (Option)

Suitable for Various Board Samples

Widely applied for the precision cutting of high-temperature-resistant board samples, ensuring smooth cutting edges, such as carbon fiber boards, PCB boards, and other composite materials.

Cutting Range from Thin Boards to 15mm Thick Materials

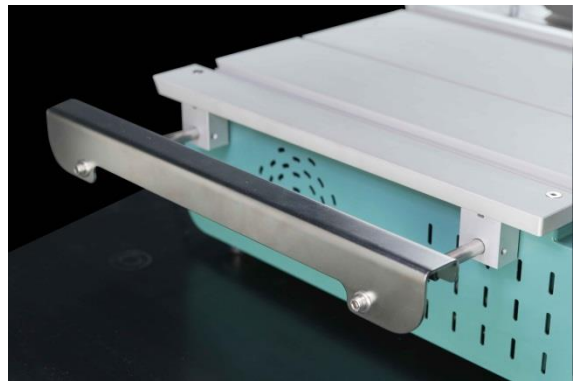
Equipped with a 4 inch diamond blade, the maximum cutting thickness reaches up to 15mm. It easily meets the cutting requirements for various board samples, ranging from thin boards to medium-thick materials, ensuring effortless cutting.

Flexible Spindle Speed Adjustment

The spindle speed is adjustable within a range of 300 to 6000 rpm, allowing users to select the appropriate speed based on the material properties of the sample.

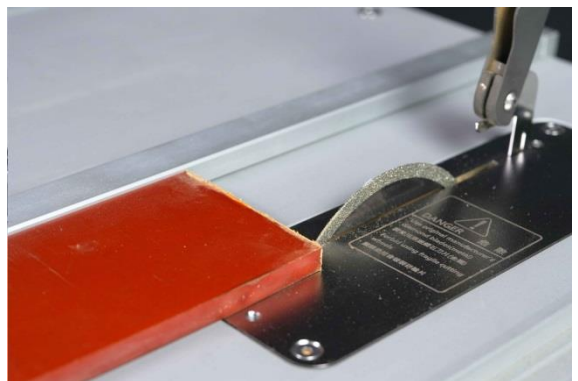
Equipped with a Retractable Platform

The platform can be flexibly adjusted according to requirements, effectively enhancing sample placement flexibility and accommodating cutting needs for samples of various sizes.



Parallel Auxiliary Assembly for Cutting Assistance

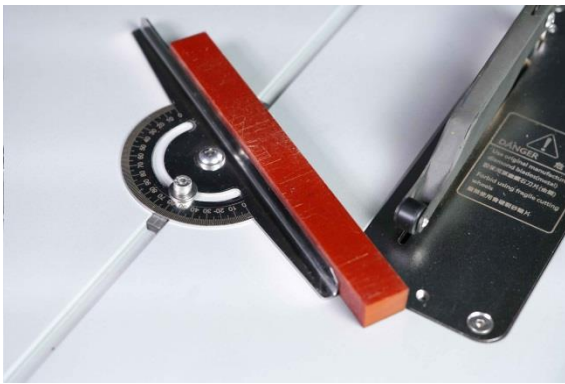
The parallel holder provides a stable supporting surface for samples during the cutting process, assisting in securing the sample's position. This ensures a smooth sample surface after cutting, enhancing the overall cutting quality.



Introduction & Feature

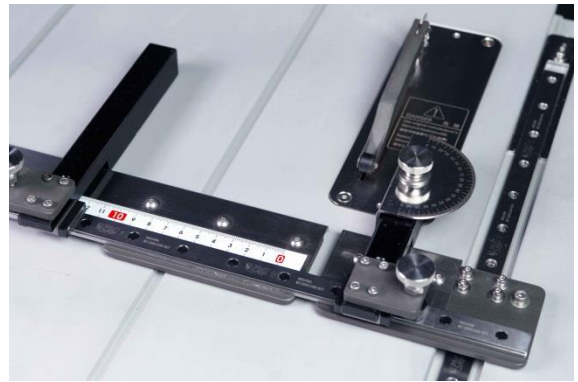
Angle Cutting

The angle gauge features a stable structure and clear scale markings, allowing users to easily adjust the desired cutting angle to meet the cutting requirements of various samples.



Linear Rail Fixture (Option)

Designed with high-strength linear rails to ensure smooth and stable movement of the fixture during cutting. This effectively enhances the stability and precision of the cutting process, minimizing errors caused by vibration or misalignment.



Debris Disposal Guide Design

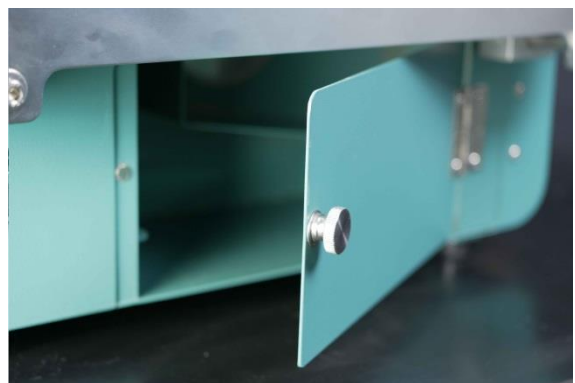
Can be used with external vacuum equipment to effectively guide the discharge of cutting debris, reducing cleanup time after operation. This helps maintain the cleanliness of the equipment's interior and extends its service life.

Magnetic Side Door


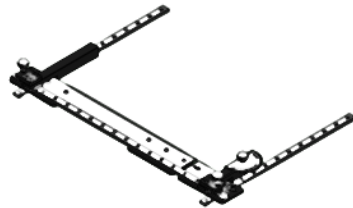
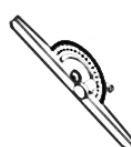
Users can easily open the side door for debris disposal, making the operation effortless and convenient. This allows for quick cleaning and helps maintain the cleanliness of the equipment's interior.

Emergency Stop

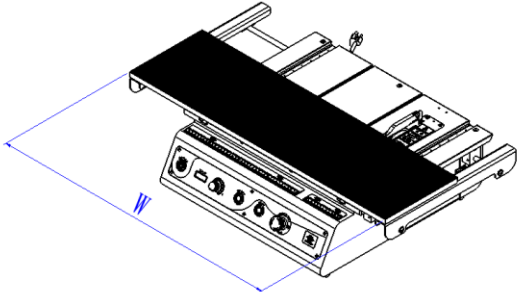

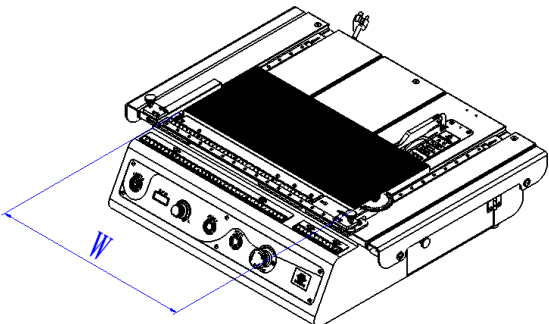
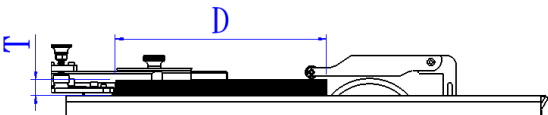
Allows users to immediately stop the machine's operation in critical situations, effectively preventing accidents. The button is positioned in a prominent and easily accessible location, ensuring users can react quickly to minimize the risk of incidents.



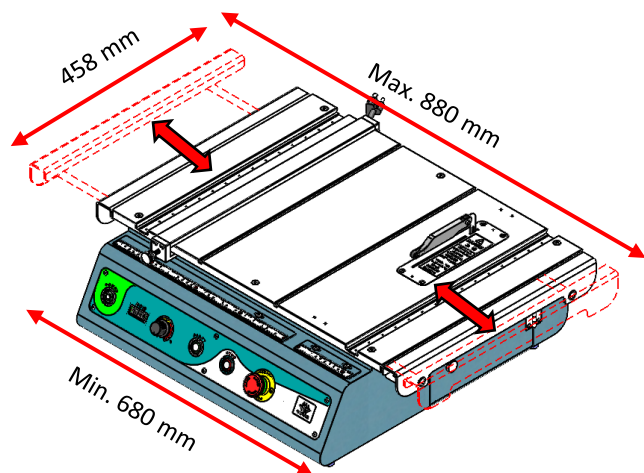
Specification

Model	CH100	
Motor Power (W)	370	
Cut-off Wheel (mm)	Ø100 x Ø11.5 x 1 (Standard) / Ø125 x Ø11.5 x 1 (Option)	
Cutting Capacity (mm)	Thickness Max. 15 (Standard) / Thickness Max. 27 (Option)	
Rotational Speed (rpm)	300 ~ 6000	
Cutting Method	Standard	Option
	Parallel Auxiliary Cutting	Linear Rail Auxiliary Cutting
	 <p>Moving Distance: Left 0~420mm/ Right 0~120mm Supporting Side 450mm</p>	 <p>Left 0~90 degrees / Right 0~90 degrees Moving Distance 0~460 mm</p>
	Angle Cutting	
	 <p>Angle Adjustment Left 0~90 degrees / Right 0~90 degrees Supporting Side 165mm</p>	<p>Parallel Supporting Side 460 mm Vertical Supporting Side 105 mm</p>
Sample Dimension W x D x H (mm)	Max. 880 x 250 x 15	Max. 460 x 200 x 15
Platform Dimension W x D (mm)	Retractable Platform Min. 680 x 458 / Max. 880 x 458	
Machine Dimension W x D x H (mm)	690 x 600 x 216	
Machine Weight (kg)	34	
Power Supply	AC 110V / 220V 1Ø	
Standard Consumables (mm)	HW21110407 Ø100 x Ø11.5 x 1 / Electroplated Blade 1pc	
Optional Consumables (mm)	HW21112207 Ø125 x Ø11.5 x 1 / Electroplated Blade 1pc	

Specification

Max. Cutting Capacity								
Standard				Option				
 				  The left supporting side can be removed to increase the sample placement width (W1).				
Blade (mm)	Max. Cutting Capacity			Blade (mm)	Max. Cutting Capacity			
	T (mm)	D (mm)	W (mm)		T (mm)	D (mm)	W (mm)	W1 (mm)
Ø100 Standard	15	250	880	Ø100 Standard	15	200	460	720
Ø125 Option	27	235	880	Ø125 Option	27	185	460	720

Retractable Platform



● Specification

Dimension (mm):

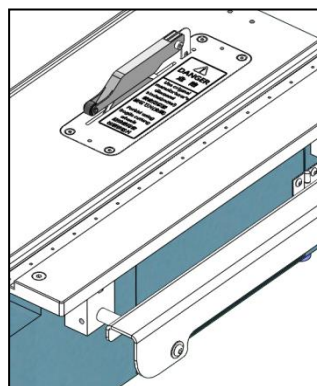
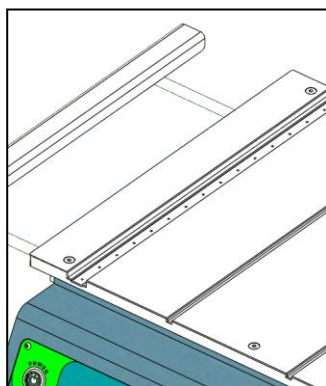
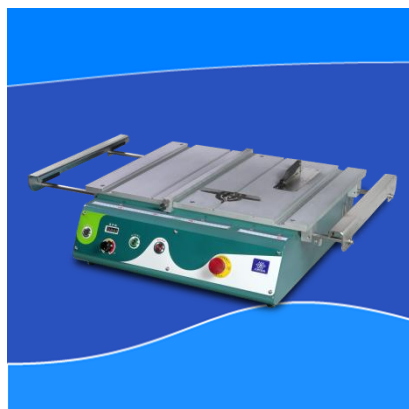
Min. 680 x 458 (W x D)

Max. 880 x 458 (W x D)

Sample Size (mm): Max. 880 x 250 (W x D)

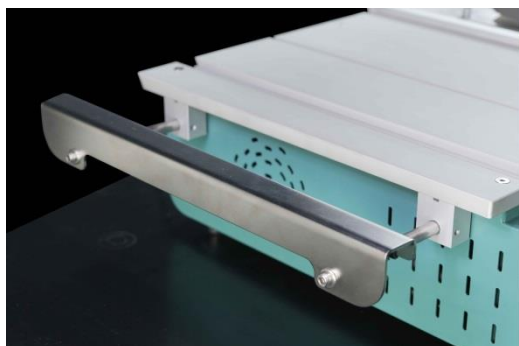
Cutting Thickness (mm): Max. 15 (Blade $\varnothing 100$)

Installation Position

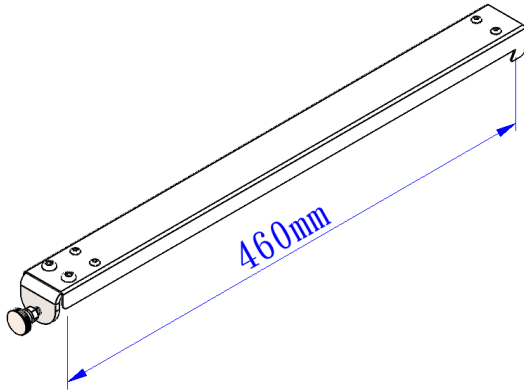


Application & Feature

- Capable of cutting large-sized samples
- Examples: PCB boards, carbon fiber boards, etc.



Parallel Auxiliary



● Specification

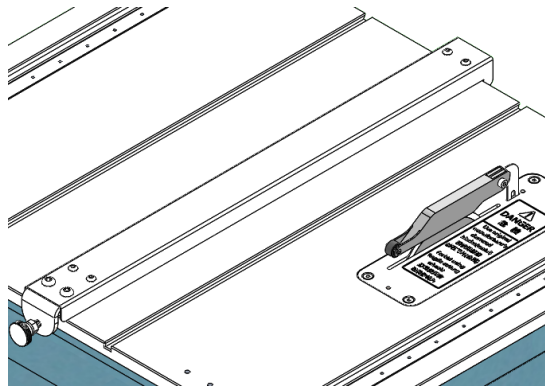
Blade Size (mm): $\varnothing 100$ or $\varnothing 125$ (option)

Sample Size (mm): Max. 550 x 250 (W x D)

Supporting Side (mm): 450

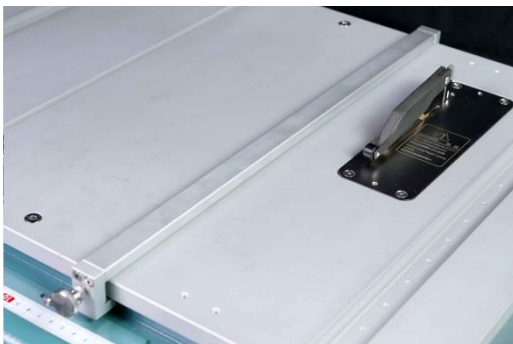
Cutting Thickness (mm):
Max. 15 ($\varnothing 100$ blade)

Installation Position

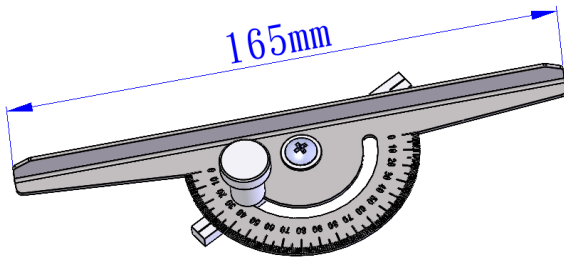


Application & Feature

- Capable of repeatedly cutting samples with fixed dimensions
- The cutting size of the sample can be adjusted



Angle Gauge



● Specification

Blade Size (mm): $\varnothing 100$ or $\varnothing 125$ (option)

Angle Adjustment:

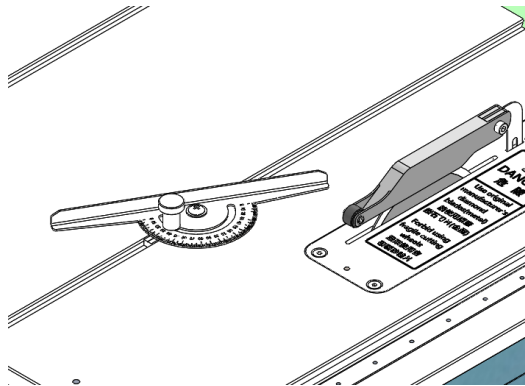
Left 0~90 degrees/ Right 0~90 degrees

Supporting Side (mm): 165

Cutting Thickness (mm):

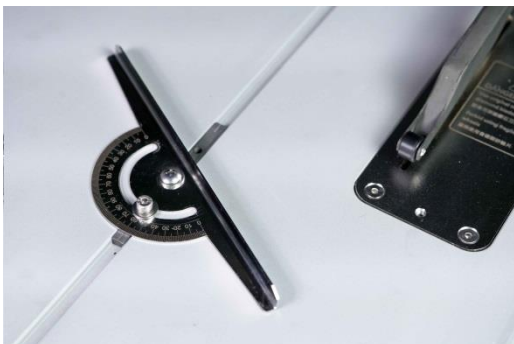
Max. 15 ($\varnothing 100$ blade)

Installation Position



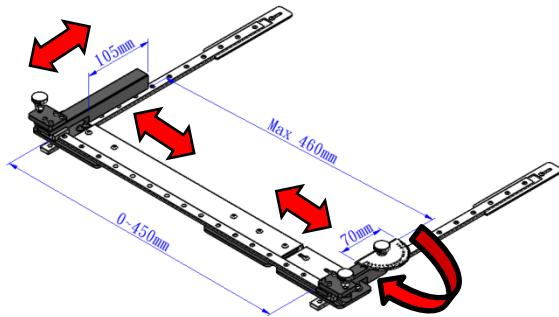
Application & Feature

- Capable of repeatedly cutting samples with fixed angles
- The cutting angle of the samples can be adjusted



Linear Rail Fixture (Option)

Order No.: CH100A06D



● Specification

Blade Size (mm): $\varnothing 100$ or $\varnothing 125$ (option)

Sample Size (mm): Max. 460 x 200 (W x D)

Angle Adjustment:

Left 0~90degrees/ Right 0~90 degrees

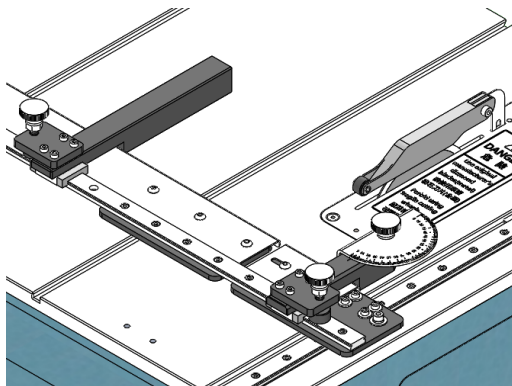
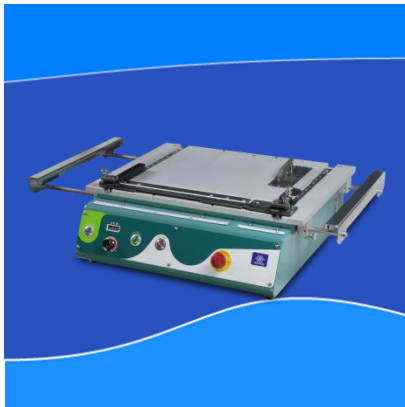
Supporting Side (mm):

Horizontal: 460/ Vertical: 105

Cutting Thickness (mm):

Max. 15 ($\varnothing 100$ blade)

Installation Position



Application & Feature

- Capable of repeatedly cutting samples with fixed dimensions
- Capable of repeatedly cutting samples with fixed angles
- Low friction resistance allows samples to slide and cut more easily

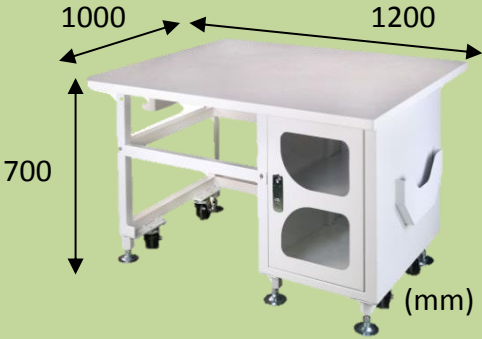
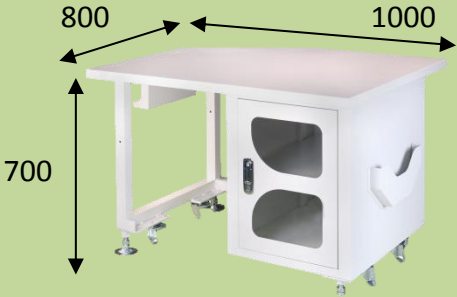


Metallographic Workbench (Option)



Model	TF01	TF02
Dimension (W*D*H)	1000*800*700 mm	1200*1000*700 mm

Picture



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Agent

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