

Sharp, Clean, and Precise Cutting action



PC / Mini Shear
300

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
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[Http://www.100y.com.tw](http://www.100y.com.tw)

Portable Desk-Top Safety Shear

PC/Mini Shear 300

LIGHTWEIGHT • STRONG • DURABLE SAFE and EFFICIENT OPERATION INDISPENSIBLE for PROTOTYPE FABRICATION

Designed primarily for the electronics industry, this handy desk-top shear transforms the previously bothersome task of cutting printed circuit boards into one simple and safe operation. Material is cut cleanly and easily with a specially hardened, high quality steel cutting blade that insures maximum performance and long operating life. Unique design and rugged construction facilitates the cutting of many other materials such as PVC sheets, soft iron plates, aluminum and copper sheets, flat cables, etc.

Operating Features

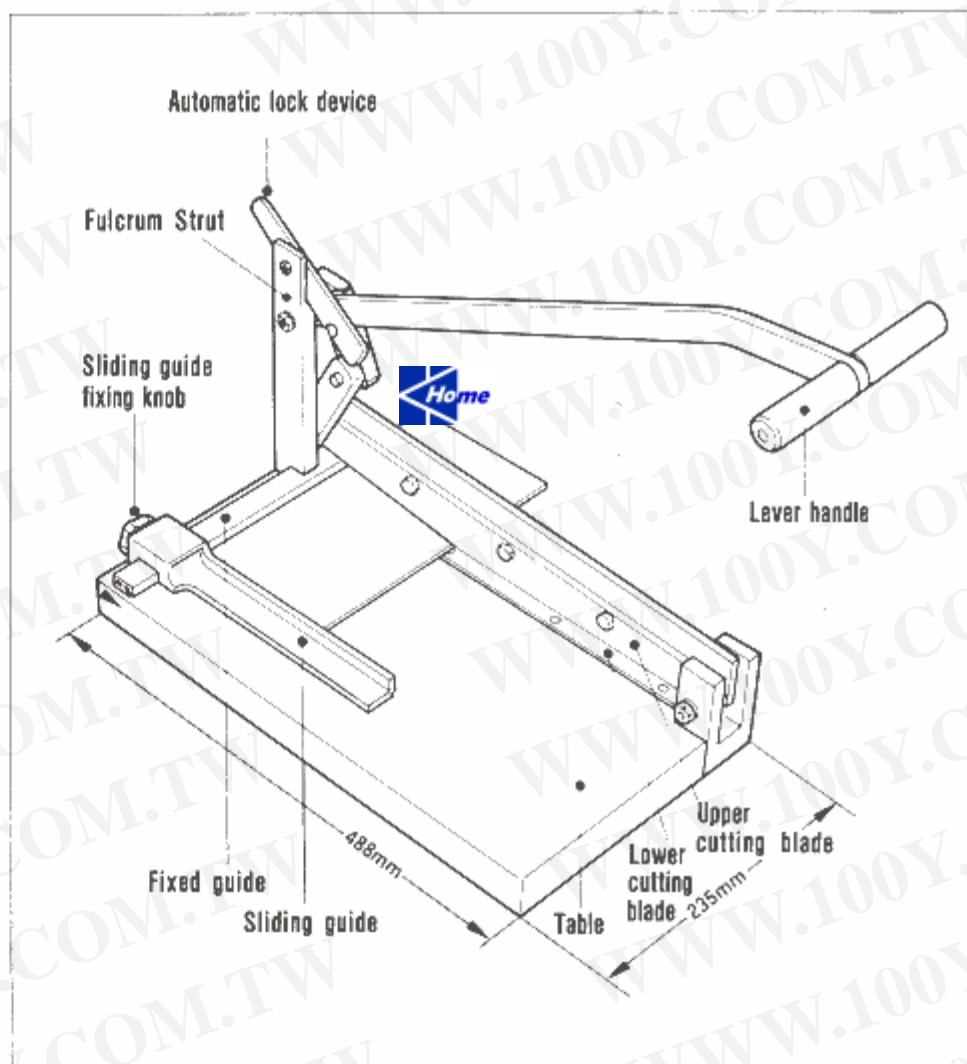
- Two cutting edges are provided on each blade, thereby doubling the effective operating life of each blade before resharpening is necessary.
- Efficient lever mechanism provides maximum cutting force with a minimum of effort.
- Automatic safety latch prevents unintentional operation.

Applications Data

Description	Maximum thickness mm	Temperature	Observations
Printed circuit boards	Glass epoxy circuit boards	1.6	Material can be sharply cut without preheating
	Glass epoxy composites	1.6	
	Flexible circuit boards		
	Paper phenol circuit boards	1.6	Preheating material to approx. 60°C (just barely touchable) is recommended to insure clean and precise cutting without cracking.
	Paper epoxy circuit boards	1.6	
	Paper polyester circuit boards	1.6	
Resin plates	Bakelite plates	1.5	Pre-heating material will facilitate cutting, however the optimal temperature should be determined by test due to the wide variation of material characteristics. Overheating may actually impede cutting.
	Polyvinyl chloride plates	2.0	
	Polyester plates	2.0	
Metal plates	Soft iron plates	0.8	Do NOT attempt to cut even moderately hardened iron plates
	Copper plates	0.5	
	Pure aluminum plates	1.0	
	Zinc plates	0.5	
Others	Corrugated fiberboards		Particularly well-suited for cutting flat cable materials
	Cardboards		
	Flat cables		

- Do **NOT** attempt to cut the following materials:
Steels (including stainless), hardened iron and/or aluminum plates, nails, and soft resins.

Nomenclature of Each Part



Specifications

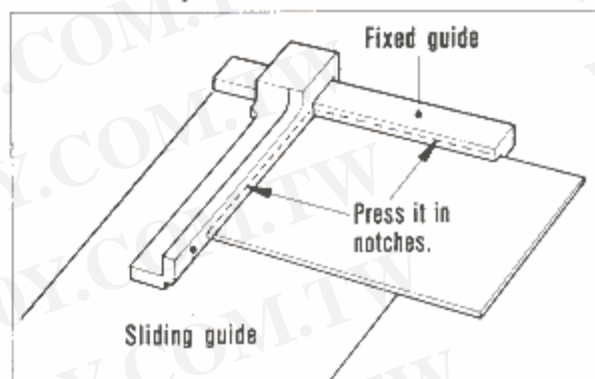
Fulcrum Strut	245mm (height)
Lever Handle	550mm (length)
Weight	11kg (approx.)
Length of Cut(Max.)	350mm

Automatic Safety Lock

- To guard against unintentional use, the lever handle is automatically locked in the upright position by fully raising the lever handle. This locking mechanism must be manually released after positioning workpiece to be cut in order to depress lever handle.

Calibrated Steel Guides

- Calibrated steel guides are notched to hold workpiece securely in place for safe precise cutting. T-square type guide arrangement insures rectangular accuracy.
- Sliding guide may be removed completely for cutting excessively long sheets. In this case, the fixed (horizontal) guide provides sufficient clamping force.



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應用資料

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種	類	最大厚度	操作溫度	注意事項	
印刷電路板	玻璃樹脂線路板	1.6mm	常溫狀態	被切物可以被銳利的切割而不需再加溫	
	玻璃樹脂合成板	1.6mm			
	軟型線路板				
	紙質線路板	紙質碳酸線路板	1.6mm	加熱狀態	被切物需再加溫到大約60度,切割時不會造成崩裂
		紙質樹脂線路板	1.6mm		
		紙質多元酯線路板	1.6mm		
樹脂電鍍板	人造樹脂電鍍板	1.5mm	加熱狀態	需再加溫以利切割,溫度不需過熱,過熱會不利切割	
	聚乙烯樹脂電鍍板	2.0mm			
	多元酯電鍍板	2.0mm			
金屬板	軟質鐵板	0.8mm	常溫狀態	不要嘗試去切割太厚的鐵板	
	銅板	0.5mm			
	純鋁板	1.0mm			
	鎳板	0.5mm			
其他	皺紋式纖維板		常溫狀態	對平直纜線格外的容易切割且平整	
	厚紙板				
	平直式電纜				