

**Horizon**

# APC-61IISB


User-friendly,  
Programmable Cutter



# User-friendliness and numerous features ensure superior cutting operation. The hydraulic clamp and cut mechanism ensures reliable cutting performance.

The Horizon APC-61IISB Programmable Hydraulic Cutter provides highly accurate cutting, durability, and simple operation. No special skills are required to operate the APC-61IISB, with its user-friendly touch-screen display and conveniently positioned, simple-to-use controls.

### Backgauge



- The servo-motor driven backgauge assures accurate positioning.
- The center-driven backgauge system is completely dust-proof to ensure accurate performance and maximum durability.

### Clamp Pressure



**Clamp Pressure Indicator**      **Adjusting Knob for Clamp Pressure**      **False Clamp Plate**


- The clamping pressure is adjustable from 4,900 N to 16,600 N (500 kg to 1,700 kg) with the adjusting knob located on the front side of the APC-61IISB.
- The false clamp plate is available to avoid the pressure mark on the sheets.

### Features

- Both the clamping and cutting mechanism are hydraulically powered for reliable operation.
- The APC-61IISB employs a touch-screen display for easier operation.
- With the programming function, repeated jobs can be stored into memory for easy recall.
- The backgauge is precisely positioned by a servo-motor drive.




### Operation Panel



- The large five inch, icon-based touch-screen is easy to use, eliminating the need for a skilled operator.
- Job memory capacity is 99 jobs and 99 steps per job (total of 3,000 steps available).
- The numeric keypad screen is available for cutting size entries and calculations. Program functions such as Even Divide Cutting, Total Cutting, and Repeat Cutting and Compressing are available.

### Maintenance



**Knife Angle Adjusting Lever**      **Cutting Depth Adjusting Dial**

- Knife angle and cutting depth adjustments are easily done on the front side of the cutter.

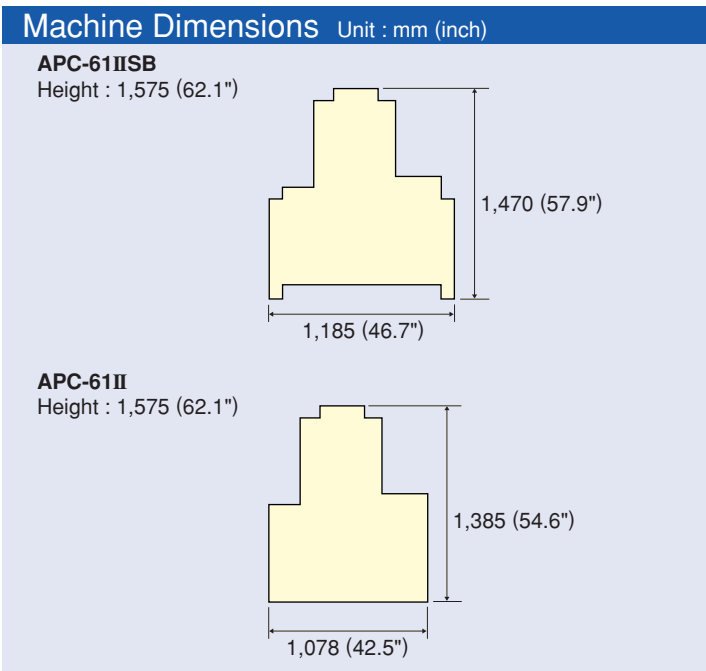
### Safety

- For maximum safety, the APC-61IISB is activated only when the two cut buttons are simultaneously pressed within a half of a second of each other. If either of the two buttons is released in the middle of a cutting sequence, the knife automatically returns to the home position.

### Foot Pedal

- The foot pedal comes standard, and it allows for checking of the cut line before the actual cut by firmly clamping the paper. The backgauge is precisely positioned by a servo-motor.

APC-61IISB Major Specifications		
Cutting Width	Max. 610 mm (24.0")	
Cutting Height	Max. 100 mm (3.93")	
Feed Depth	Max. 620 mm (24.410")	
	Min. 25 mm (0.985") [65 mm (2.560") using the support plate]	
Clamp	Hydraulic Powered 4,900 to 16,600 N (500 to 1,700 kg) Adjustable	
Backgauge Positioning	+/- 0.1 mm (+/- 0.00393")	
Job Memory	99 Steps, 99 Jobs (Total 3,000 Steps)	
Push-out Length	20 to 150 mm (0.785" to 5.905") Adjustable	
Cutting Speed	3.1 seconds	
Table Height	850 mm (33.5")	
Voltage / Frequency	3-Phase 200 V, 50 / 60 Hz 220 V, 60 Hz 400 V, 50 Hz	
Rated Current	3-Phase 200 V	50 Hz, 11 A / 60 Hz, 12A
	3-Phase 400 V	50 Hz, 5.3 A
Power Consumption	3-Phase 200 V	50 Hz, 3.1 kW / 60 Hz, 3.6 kW
	3-Phase 400 V	50 Hz, 3.1 kW
Heat Output	2,800 kJ (670 kcal)	
Machine Dimensions	APC-61IISB	1,185(W) x 1,470(D) x 1,575(H) mm (46.7" x 57.9" x 62.1")
	APC-61II	1,078(W) x 1,385(D) x 1,575(H) mm (42.5" x 54.6" x 62.1")
Machine Weight	APC-61IISB	723 kg (1,594 lb)
	APC-61II	715 kg (1,576 lb)



Horizon Cutter Series



**APC-61II** Programmable Hydraulic Cutter  
Cutting Width 61 cm (24.0")



**PC-64IISC** Paper Cutter  
Cutting Width 64 cm (25.1")



**PC-45SC** Paper Cutter  
Cutting Width 44.6 cm (17.5")

Manufactured by : Taiyo Seiki Co., Ltd.



The machine design and specifications are subject to change without any notice.

Distributed by



HORIZON INTERNATIONAL, INC.

510 Kuze Ooyabu-cho, Minami-ku, Kyoto, 601-8206, Japan Phone : +81-(0)75-934-6700, Fax : +81-(0)75-934-6708, www.horizon.co.jp