

Horizon

APC-61IISB

User-friendly,
Programmable Cutter



User-friendliness and numerous features

The hydraulic clamp and cut mechanism

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.



res ensure superior cutting operation.
 m ensures reliable cutting performance.

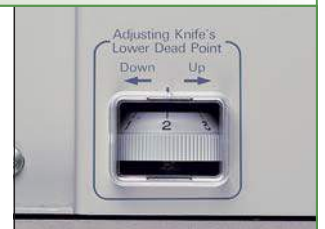


Operation Panel



- 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.

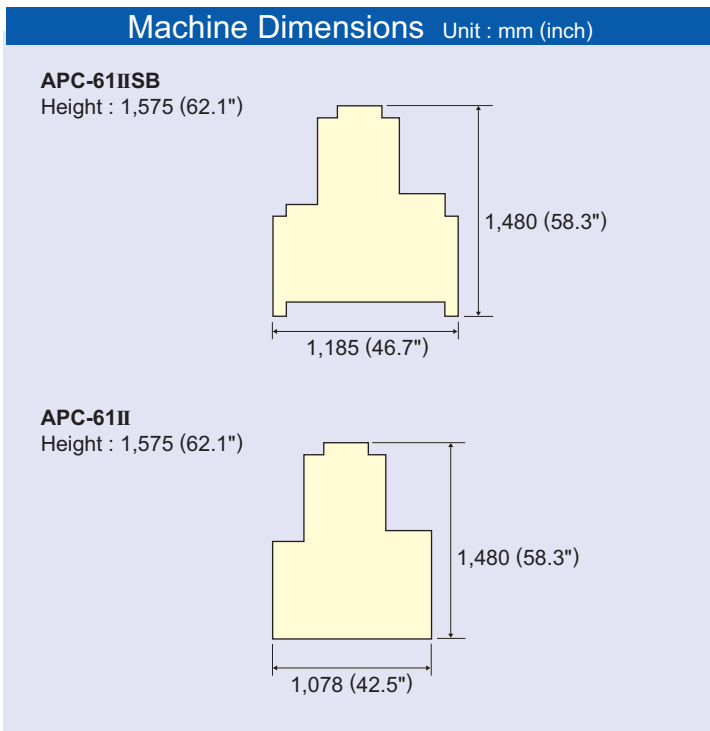
Safety

- 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 4.9 to 16.6 kN (500 to 1,700 kgf) 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 / 220 / 400 V, 50 / 60 Hz	
Rated Current	3-Phase 200 V	50 Hz, 11.0 A / 60 Hz, 12.0 A
	3-Phase 220 V	50 Hz, 8.6 A / 60 Hz, 8.7 A
	3-Phase 400 V	50 Hz, 5.3 A / 60 Hz, 5.6 A
Power Consumption	3-Phase 200 V	50 Hz, 3.1 kW / 60 Hz, 3.6 kW
	3-Phase 220 V	50 Hz, 2.3 kW / 60 Hz, 2.7 kW
	3-Phase 400 V	50 Hz, 3.1 kW / 60 Hz, 3.57 kW
Heat Output	2,800 kJ (670 kcal)	
Machine Dimensions	APC-61IISB	1,185(W) x 1,480(D) x 1,575(H) mm (46.7" x 58.3" x 62.1")
	APC-61II	1,078(W) x 1,480(D) x 1,575(H) mm (42.5" x 58.3" x 62.1")
Machine Weight	APC-61IISB	726 kg (1,600 lbs.)
	APC-61II	707 kg (1,559 lbs.)



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.

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