

APC-610

Hydraulic Paper Cutter

User-friendly, Programmable Cutter



Features

- 1. Powerful and Accurate** - Hydraulic clamping and cutting mechanism ensures accurate cutting quality. Servo motor driven backgauge for accurate positioning.
- 2. Easy Operation** - The color touchscreen is intuitive and icon-based for user-friendly operation. The Operation, Setting and Information Screens are used for efficient and accurate operation.
- 3. Safety** - The APC-610 is activated only when the two cut buttons are simultaneously pressed. Also, if the standard equipped area sensors detect any object, the cutting motion will stop immediately.
- 4. JDF Workflow** - The system can be further enhanced with Horizon's pXnet bindery control system which integrates JDF workflow from upstream devices.

Compact hydraulic cutting system with accurate cutting quality and simple operation.

Control Panel

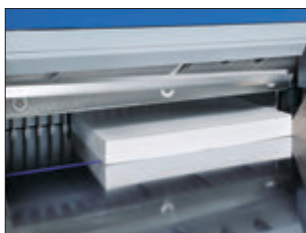
The large color touchscreen provides intuitive operation.

The Simple Program Setting screen displays sheet rotating direction and cutting order graphically.



Knife

Maximum cutting width is 610 mm / 24.0", maximum cutting height is 100 mm / 3.93". The cutting knife is made of special steel ensuring consistently high standard cutting quality for a prolonged period of time.



Backgauge

The servo-motor driven backgauge assures accurate positioning and repeatability for consistent quality production.



Knife Angle Adjusting Lever

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



Operator Safety

Standard Equipped Area Sensors

If the area sensors detect any objects, the cutting motion will stop immediately. These sensors meet the high level of safety specified in Category 4 according to ISO13849-1.

Double Safety Circuit

The system is further equipped with a hard-wired secondary safety interrupt for operator safety.



APC-610 Specifications		
Cutting Width		Max. 610 mm / 24.0"
Cutting Height		Max. 100 mm / 3.93" (95 mm / 3.74" using the support plate)
Cutting Depth		Max. 620 mm / 24.4" Min. 25 mm / 0.98" (65 mm / 2.56" using the support plate)
Clamp System	Hydraulic Powered 5 to 20 kN (500 to 2,000 kgf)	
Job Memory	99 Steps, 200 Jobs	
Push-out Length	20 to 150 mm / 0.785" to 5.905" Adjustable	
Cutting Speed	3.8 seconds per cycle	
Voltage/Frequency	3-Phase 200 to 220 V, 50 / 60 Hz 3-Phase 380 / 400 / 415 V, 50 / 60 Hz	
Rated Current	3-Phase 200 to 220 V, 50 / 60 Hz, 8.2 A 3-Phase 380 / 400 / 415 V, 50 / 60 Hz, 4.2 A	
Machine Dimensions	W1,156 x D1,506 x H1,472 mm / W45.6" x D59.3" x H58.0"	
Machine Weight	783 kg / 1,724.7 lb	

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

Horizon

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