

**Horizon**



# 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.

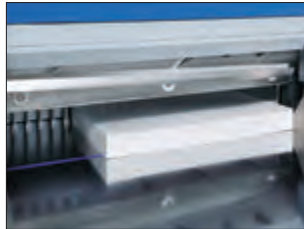
### Control Panel

The large color touchscreen provides intuitive operation. The Simple Program Setting screen displays sheet rotating direction and cutting order graphically.



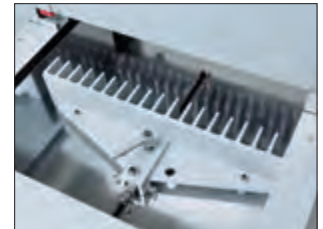
### Knife

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

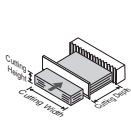
#### Standard Equipped Area Sensors

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	