

# 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

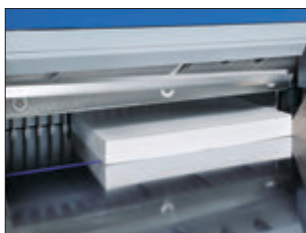
The large color touchscreen provides intuitive operation.

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"<br>(95 mm / 3.74" using the support plate)                       |
| Cutting Depth          |   | Max. 620 mm / 24.4"<br>Min. 25 mm / 0.98"<br>(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<br>3-Phase 380 / 400 / 415 V, 50 / 60 Hz               |  |
| Rated Current          | 3-Phase 200 to 220 V, 50 / 60 Hz, 8.2 A<br>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.