



# The Best Cutting Performance with Low Investment Cost

Powered by a digitally controlled servo system, the Puma IV produces eye-catching graphics with up to 40 ips (1020 mm/sec) cutting speed, 500g of cutting force and 5 meters (16.4 feet) of tracking ability. Puma IV is the most reliable machine for sign makers.



P4-132 / P4-132LX



P4-60 / P4-60LX

## Puma IV

- ★ Upgrade to 500 grams of cutting force
- ★ Upgrade to 40 inches per second of cutting speed
- ★ Guaranteed 5 meters tracking
- ★ Section Cutting
- ★ Segmental Positioning (LX models)
- ★ Auto Rotation (LX models)



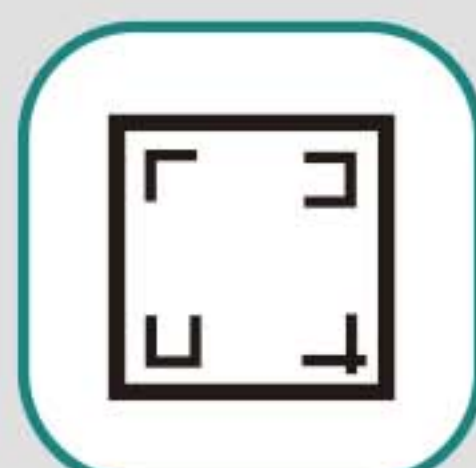
▶ Vinyl Sign/Custom Decal



▶ Heat Transfer Film



▶ Window Tint Film



### Enhanced AAS II Contour Cutting System (LX Models)

Puma IV LX series features an enhanced Automatic-Aligning System (AAS II) to guarantee precise contour cutting by automatically detecting the registration marks on digitally produced images.



### Section Cutting

Section cutting divides the long plot data into sectional output jobs to gain higher cutting quality and increase precision.



### Segmental Positioning (LX Models)

Puma IV series features Segmental Positioning function which can correct the crooked print.



### Auto Rotation (LX Models)

Puma IV series detects the unique registration marks to distinguish material feeding direction and rotate cutting content automatically.



### Ethernet Connection

Network connection enables multiple Puma IV to be operated by one PC and multiple PCs to share a single unit.

| Model Number                       | P4-60   | P4-132                                     |
|------------------------------------|---|--|
|                                    | P4-60LX   | P4-132LX                                   |
| Operational Method                 | Roller -Type  |  |
| Max. Cutting Width                 | 600 mm (23.6 in)  | 1300 mm (51.18 in.)                        |
| Max. Cutting Length                | 50m (164 ft)  |  |
| Max. Media Loading Width           | 719 mm (28.3 in.)   | 1470 mm (57.87 in.)                        |
| Min. Media Loading Width           | 50 mm (1.97 in)   |  |
| Number of Pinch Rollers            | 2   | 4  |
| Acceptable Material Thickness      | 0.8 mm (0.03 in.)   |  |
| Motor Drive                        | DC Servo Control  |  |
| Max. Cutting Force                 | 500 g   |  |
| Max. Cutting Speed                 | 1020 mm/sec (40 ips) (at 45° direction)   |  |
| Acceleration                       | 2.8 G   |  |
| Offset                             | 0 ~ 1.0 mm (with an increase of 0.025 mm)   |  |
| Memory Buffer                      | 32 MB / 16 MB (when using AAS)  |  |
| Interfaces                         | USB 2.0 (Full Speed), Serial (RS-232C) and Ethernet   |  |
| Type of Command                    | HP-GL, HP-GL/2  |  |
| Mechanical Resolution              | 0.006 mm  |  |
| Software Resolution                | 0.025 mm  |  |
| Repeatability                      | ±0.1 mm   |  |
| Distance Accuracy                  | ±0.254 mm or ±0.1% of move, whichever is greater  |  |
| Automatic-Aligning System (AAS II) | Available on Puma IV LX models, including Segmental Positioning and Auto Rotation functions |  |
| Curve & Arc Smoothing              | Yes   |  |
| Configurable Origin                | Yes   |  |
| Test Cut Capability                | Yes   |  |
| Tangential- emulation              | Yes   |  |
| Repeat                             | Yes   |  |
| Copy                               | Yes   |  |
| Control Panel                      | LCD (20 digits x 2 lines), 14 Keys, 1 Power LED   |  |
| Diameter of Blade                  | 2.5 mm  |  |
| Power Supply                       | AC 100-240V, 50~60 Hz (auto switching)  |  |
| Power Consumption                  | Max. 170 W  |  |
| Dimension (H x W x D)              | 220 * 879 * 258 mm  | 1065 * 1632 * 620 mm (stand included )     |
|                                    | 8.76 * 34.61 * 10.16 in.  | 41.93 * 64.25 * 24.41 in (stand included ) |
| Stand                              | Optional  | Standard                                   |
| Media Basket                       | Optional  |  |

- Compatible with Windows 7 and above & MAC OS X 10.6 and above. (\*Purchase "Sure Cuts A Lot" software to work with Mac OS.)
- The specification and data sheet may vary with different materials used. In order to obtain the best output quality, please maintain the machine regularly and properly.
- GCC reserves the right to change the specifications at any time without notice.
- GCC certified material in tracking is Avery MPI 3000.
- The above listed specification values are effective only when operated with media certified by GCC.


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