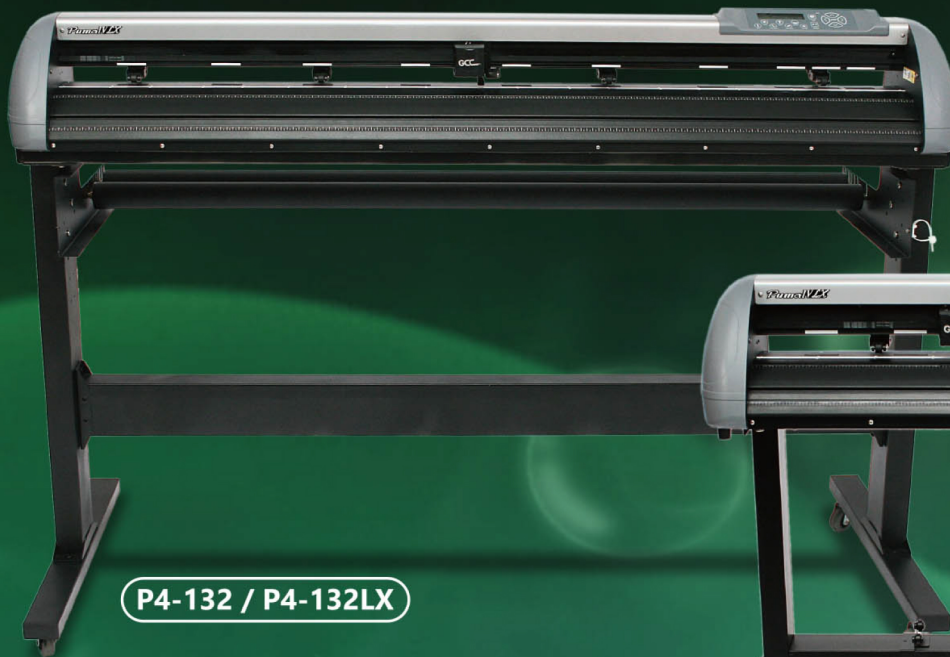# GCC

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)	
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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