NOVA RHINESTONE DEPOT

Puma III

Enhanced AAS II

The AAS II (Automatic-Aligning System) guarantees unsurpassed output quality during contour cutting operations. The technology behind AAS II properly detects and recognizes the registration marks from most digital imaging software.

A Reliable and Affordable Cutter for Sign Makers

Friendly Operation

The user-friendly control panel comes with a large 20-digit x 2-line LCD and 14 control buttons, providing easy operation and simple navigation. The LCD allows users to glance or monitor all operational settings including offset value, quality mode, cutting speed and cutting force. 4 sets of prestored job settings for frequently used material can be stored in Puma III. These settings include cutting speed, blade offset, cutting force, as well as movement speed during tool-up and cutting.

Applications

• Stickers

• Contour Cutting

• Public Sign

• Office Sign

• School Sign

• Personalized Sign

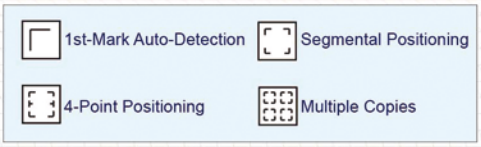
Main Features

- Digital servo motor driving up to 24 inches per second.
- Up to 400 grams of cutting force.
- Dual-port connectivity provides you with greater flexibility.
- Provide superior tracking capability.
- A standard Automatic-Aligning System (AAS II) for contour cutting

Enhanced AAS II Contour Cutting System

The Puma III series features a standard Automatic-Aligning System(AAS II) to guarantee precise contour cutting by detecting the registration marks on digitally produced images.

Significant functions include :



Tracking Capability

The exclusive grid drum is precisely engineered to provide superb tracking capability.

Versatility

Puma III is a versatile machine with the ability to plot and cut without having to alter the plotter's mechanical configuration. For vector cutting, simply install a blade holder; for plotting, simply install the drawing pen or a ballpoint pen.

Dual-port Interface Connectivity

Puma III supports dual-port connectivity with USB and serial ports. The USB port provides faster and convenient data transmission between computer and Puma III, the dual-port connectivity provides sign makers a great flexibility for data transmission.

Model		P3-60	P3-132S
Operational Method		Roller-Type	
Max. Cutting Width		590 mm (23.23")	1300 mm (51.18")
Max. Media Loading Width		719 mm (28.3")	1470 mm (57.87")
Min. Media Loading Width		50 mm (1.97")	
Max. Media Thickness		0.8 mm (0.03")	
Number of Pinch Rollers		2	4
Drive		DC Servo Control	
Max. Cutting Force		400 g	
Max. Cutting Speed		849 mm /sec (33.4 ips) (at 45° direction)	
Offset		0~1.0 mm (with an increase of 0.025 mm)	
Mechanical Resolution		0.009 mm	
Software Resolution		0.025 mm (0.00098")	
Distance Accuracy		± 0.254 mm or ± 0.1% of move, whichever is greater	
Repeatability		± 0.1 mm (* certified media)	
Memory Size		4M (Data Buffer)	
Interfaces		USB 2.0 (Full Speed) & Serial (RS-232C)	
Commands		HP-GL, HP-GL/2	
Control Panel		LCM (20 digits x 2 lines), 14 Keys, 1 Power LED	
Diameter of Blade		2 mm	
Dimension (H x W x D)		220 x 879 x 258 mm 8.67"x 34.61"x 10.16"	1065 x 1632 x 620 mm (Including stand) 41.93"x 62.25"x 24.41"
Net Weight		13 kg / 28.6 lb	53 kg / 116.4 lb
Power Supply		AC 100-240V, 50~60 Hz (auto switching)	
Operation Environment	Temperature	15° C - 30° C / 60° F - 86° F	
	Humidity	25% - 75% (relative humidity)	

* Compatible with Windows 2000/ XP/ Vista/ 7/ 8 and MAC OS X 10.4-10.7.
* 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.
* The above listed specification values are effective only when operated with media certified by GCC.