SIGRAPHIC
DET SMARTA VALET

VULCAN PRECISION · ACCURACY

FC-500VC Flatbed Cutting Plotter

- **Perforation cut**
- **Kiss cut**
- **Die cut**
- **Creasing**

Specifications

Item	FC-500VC
Configuration	Digital servo system, Flatbed
Media hold-down method	Vacuum suction
Maximum cutting speed	700 mm/s (10 to 700 mm/s)
Cutting pressure	Tool 1: Max. 5.88 N (600 gf)
	Tool 2: Max. 5.88 N (600 gf)
Effective cutting area	495x685mm
Mountable media (Y-axis direction)	640mm
Minimum character size	5 mm square
Mechanical resolution	0.005 mm (5µm)
Programmable resolution	HP-GL: 0.025 mm
Repeatability	0.1mm
Standard interfaces	USB2.0 (Full Speed) / U-Disk / Ethernet
Memory	32MB
Command sets	HP-GL
Number of tools	2 tools
Tool types	Cutter blade / Pen / Creasing/Etching tool
Operating screen	4.3-inch touch LCD
Power supply	100 to 240 V AC, 50/60 Hz (Auto switching)
Power consumption	Max. 150VA (machine), Max.550W (vacuum pump)
Operating environment	Temperature: 10 to 35 degrees C (35 to 95 degrees F)
Humidity:	35 to 75% RH (non-condensing),
External dimensions	981(Y)x977(X)x1047(H)mm
Packaging dimensions	115X110X61CM (machine) / 53X45X39CM (vacuum pump)
G.W. / N.W.	113kg / 62kg (machine), 25/23kg (vaccum pump)
Compatible OS	Windows and Mac

✔ **Perfect for light to medium production and design samples.**

✔ **Ideally suited for packaging boxes, tags, cards and labels**

CE

What makes the FC-500VC special ?
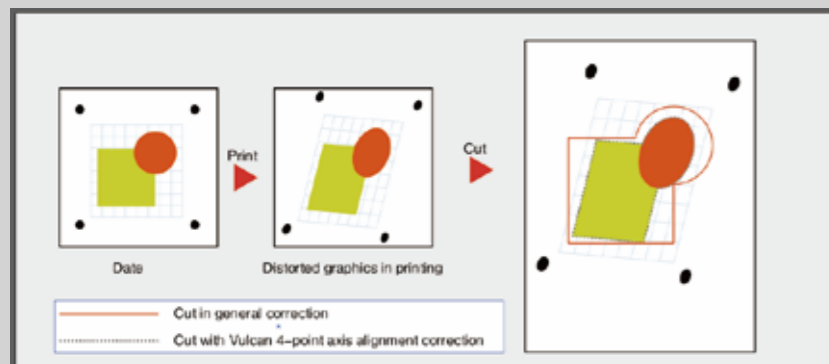
Camera System

The FC-5000VC uses a high resolution camera for accurate detection of registration marks (as small as 5 mm) and can see reg marks on both colored and transparent materials. The ability to scan small reg marks saves material, thus reducing production costs.
The ability to scan four reg marks within less than 3 seconds saves production time and reduces costs even further.

User friendly touch screen

Easy toggle of vacuum suction: ON - fast/stable hold, OFF - easy replacement of next item
Easy toggle of arrow key speeds for carriage control: Fast (x10) / Slow (x1)
Single key press to set origin or return to origin - guarantees accurate positioning.
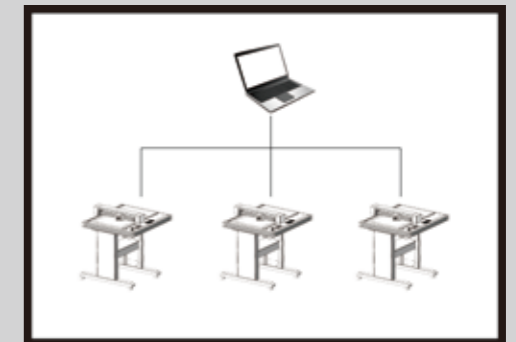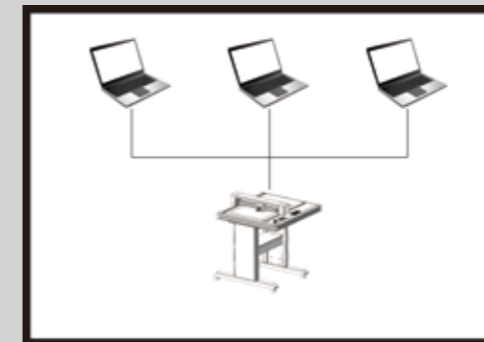Re-cut button to instantly repeat last job.

Advanced contour cutting

The Vulcan FC-500VC efficiently handles materials loaded on a slant and also compensates for size/shape distortions. Precise and accurate cuts are assured with our proprietary four mark high-tech detection algorithm.

Network interface

A, Stable communications over long distances
B, Control one flatbed cutting plotter from multiple computers
C, Control different flatbed cutting plotters from one computer

U-Disk function

PLT-files saved on USB thumb drives (U-disk) can be used for direct output. This means that the FC-500VC can be used without being connected to a computer.

QRcode system

FC-500VC reads QR-codes on the printed media, allowing automatic matching of print and cut files. This both speeds production and eliminates any chance of mismatched files.

Supports both Windows and Mac

WINDOWS 10 & MAC

What can be made with the FC-500VC?

PRECISION · ACCURACY

VULCAN

Packaging

Packaging

Tags

Tags

Hobbies/Crafts

Hobbies/Crafts

Labels

Labels