

Specifications

Item	FC-500VC
Configuration	Digital servo system, Flatbed
Media hold-down method	Vaccum 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)
Minimum character size	Approx. 5 mm square
Mechanical resolution	0.005 mm (5µm)
Programmable resolution	HP-GL: 0.025 mm
Repeatability	Max 0.1mm
Standard interfaces	USB2.0 (Full Speed) / U-Flash / Ethernet
Memory	32MB
Command sets	HP-GL
Number of tools	2 tools
Tool types	Cutter blade / Pen / Creasing
Operating screen	4.3-inch touch LCD
Power supply	100 to 240 V AC, 50/60 Hz (Auto switching)
Power consumption	Max. 150W of machine, Max.400W of pump
Operating environment	Temperature: 10 to 35 degree ,
Humidity:	35 to 75% RH (non-condensing)
Environment	Temperature: 16 to 32 degree,
Bed Cutting Size	19 Inch x 26 Inch (660.4mm x 482.6mm)
Weight	Approx. 120kg
Compatible OS	Windows and Mac

SIGNCUT
PRO2

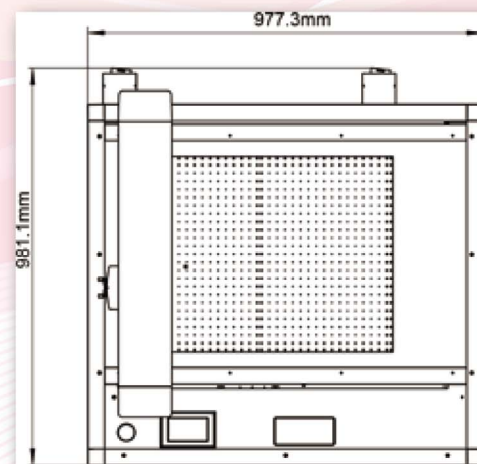
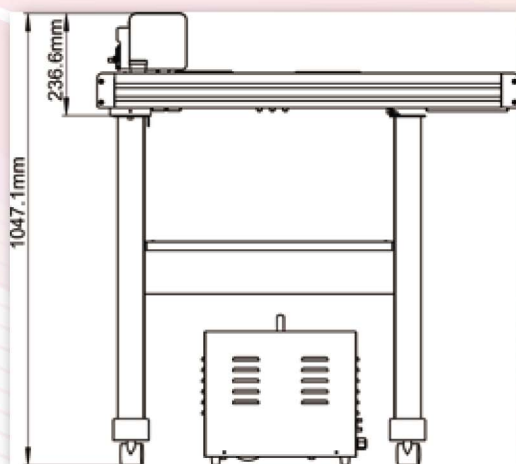
FC-500VC Flatbed Cutting Machine

VULCAN
A PRECISION FOCUS



Main features:

- Camera system
- USB flash disk
- Qrcode
- Precision
- Touch screen
- Network interface
- New feature for contour cutting
- Windows & Mac



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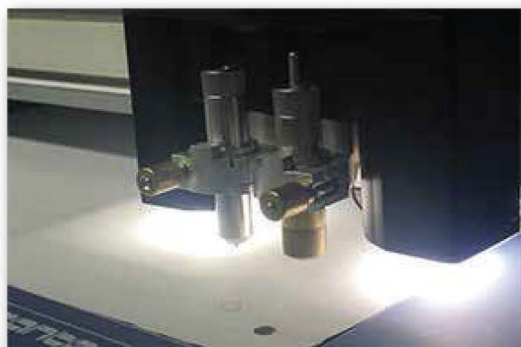
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Camera System



The FC-5000VC has a high resolution camera that can actually see registration marks, even on colored and transparent materials, or if the registration marks themselves are white or light colored.

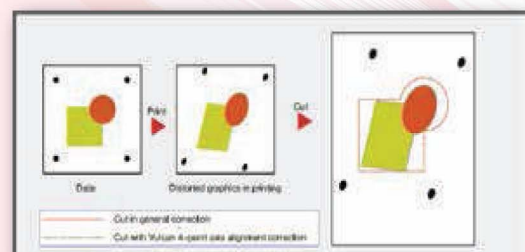
Fast scanning speed, SRA3 size, less than 3 seconds. 5mm registration marks will save paper/money.

Friendly touch screen panel

Vacuum (on/off), friendly for holding papers down (ON) and replacing papers (OFF).
Move to origin, move carriage back to origin by one press, save time and exactly accurate position.
Recut, it's perfect for repeating same jobs
X1/X10, to move carriage by two different speeds



Advanced feature for contour cutting



The Vulcan FC-500VC has an advanced feature to compensate for print skew or positioning skew - effectively redrawing the artwork according to the error. performs adjustments of size, tilt and warp for contour cutting by scanning 4 marks, it can be more precisely than other methods.

Network interface

- It's very stable for long distance communication
- To control one flatbed cutting by different computers
- To control different flatbed cutting by one computer



USB flash memory



Save PLT files to USB flash memory, the PLT files can be output directly to the flatbed cutting by plug-in, means users to operate FC-500VC without a computer, great for batch production. 32M memory on motherboard, ensure to read and load the PLT files from USB flash memory quickly

SIGNCUT PRO2 FEATURES

AVAILABLE IN 19 LANGUAGES

Chinese, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Hungarian, Italian, Lithuanian, Norwegian, Polish, Portuguese, Romanian, Russian, Spanish, Swedish.

SIGNCUT SPOOLER

Allows you to simultaneously manage multiple cutting jobs with multiple cutters. This gives you the possibility to select which cutter you wish to send your work to and define specific settings for the specific work.

COLOUR SEPARATION

Different colours in your design are separated according to the vinyl's different colours. For each colour layer you can add weeding lines and select suitable registration marks or easier mounting.

TILING

When the design is wider than the material width, use the Tiling tool for splitting up the design into suitable tiles. You get both manual and automatic tiling.

OBJECT MANAGER

With Object Management, the cut out can be controlled in details, define cutting order, cutting speed, cutting pressure, perforated cutting, number of laps and choice of tool for single/multiple objects or colour/s.

EXPORT PLUGINS

Export your graphic artwork through SignCut Pro 2's export plugins. Send your work directly from Adobe Illustrator, Corel Draw and Inkscape to SignCut Pro 2 when it is ready to cut out.

STEP-BY-STEP CUTTING

Prevents slipping of material by prefeeding material out of roll slowly and ensures accurate and safe cutting over long distances. SignCut Pro 2 is the first software to support step-by-step cutting for both length and width.

CONTOUR CUTTING

With SignCut Pro 2 contour cutting, you can contour cut any printed graphic. It supports with and without diecut/percut for Summa and Roland as well as Graphtec and Saga ARMS, GCC and SkyCut contour cutting.

REGISTRATION MARKS

Registration marks are used for mounting of large signs divided into tiles as well as for multiple coloured signs. It makes mounting of signs quicker and more accurate.

ONE ACCOUNT, MULTIPLE COMPUTERS

With SignCut Pro 2's new subscription model, depending on which version you purchase, you can install SignCut on up to 4 computers and use it simultaneously.