

FC-700VC

FLATBED CUTTING PLOTTER

- PERFORATION CUT
- KISS CUT
- DIE CUT
- CREASING



Source of Digital Solutions...

Digital Star Qatar has been leading the digital scene in Doha for over 10 years, as suppliers and distributors of signage, advertising and LED solutions. Our commitment to providing the best quality machinery and top-notch technology from around the world has enabled us to set new and improved standards in sign and digital printing industries. DSQ has developed into a true trendsetter and a reliable destination for customers seeking exhaustive custom and wholesale solutions. From sign makers, digital print houses, POS/POP makers, retail fit-out companies, to exhibition stand builders, construction companies and glass and aluminum fabricators industries, we promise to take your business to unprecedented levels


PRECISION • ACCURACY
VULCAN
FC-700VC



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PRODUCT OVERVIEW

The VICUT Vulcan series flatbed cutter is ideal for small and medium-sized production and samples of packaging, swing tickets, cards and labels. Processing materials include paper, cardboard, synthetics, films and kinds of labels, up to 600gsm.

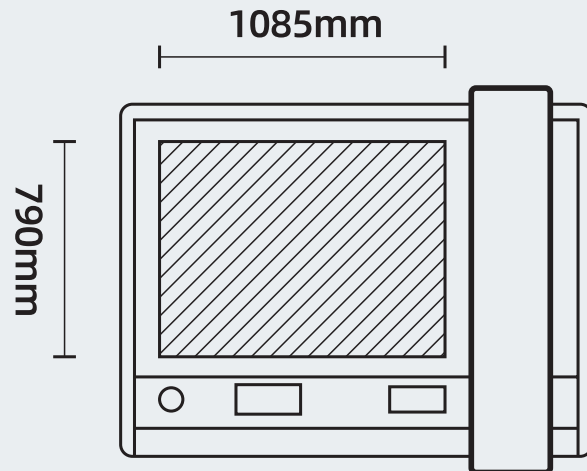
Using advanced digital contour cutting technology, no cutting dies required, Vulcan series flatbed cutter plotter is able to produce the sheets to any shapes, instantly and directly from the desktop. It can handle full cutting, half cutting, creasing, perforating and plotting.

APPLICABLE FIELD

Prototype and light production, DIY paper crafts, tags, on-demand packaging and sheet card, cutting system - also suitable for sheet labels.

PROCESS MATERIAL

Cardboard, craft paper, fibrous cardboard, eva rubber, PVC, sandblast, vinyl, sticker, magnetic sticker, PET, TPU, reflective film and thin film etc.



Suitable Paper



Effective cutting area 790x1085mm. This flatbed plotter is suitable for bigger size sheets production. 4pcs A3+ size paper can be placed on this table next to each other, and it is also suitable for 2pcs B2 sheets or a single sheet of B1 size paper. This model flatbed usually most suitable for post-processing of inkjet and press printing applications.



PLUG AND PLAY

Electricity can be used, simple installation, no additional drivers needed.



REVERSE CUTTING/CREASING

It's necessary for professional users who always like perfect results.



COMPATIBLE OS

VICUT Vulcan series flatbed cutting machine can support both Windows and Mac



ONE-CLICK REPEAT FUNCTION

Great for cutting same jobs, just need to replace paper, press "Back to Origin" then press "Repeat", no skilled people also run it easily.



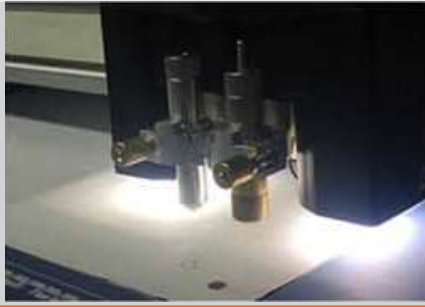
MULTIPLE CUT AND CREASE

For some hard/thick materials, one time cut/crease is not enough, need 2 or 3 times to get nice cutting/creasing results. The cutting and creasing can be separated operation, in practical works.



CONTINUE CUTTING

If you need to process two or more sheets, when cutting second paper, users can replace first paper, save time for replacing papers.



CAMERA SYSTEM

The FC-700VC uses a high resolution camera for accurate detection of registration marks (as small as 5mm) and can 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



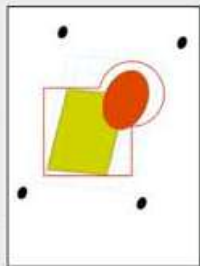
USER FRIENDLY TOUCH SCREEN

Easy toggle of vacuum suction: ON-fast/stable hold, OFF -easy replacement of next item.

Easy toggle of arrow key speed for carriage control: Fast(x10)/ Slow(x1)

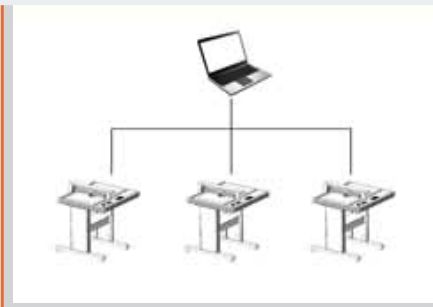
Single key to set origin or return to origin - guarantees accurate positioning

Re-cut button to instantly repeat last job.



ADVANCED CONTOUR CUTTING

The Vulcan FC-700VC effeciently 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.



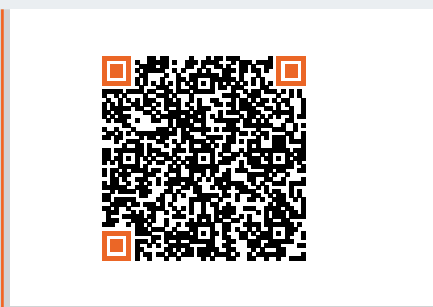
NETWORK INTERFACE

- A) Stable communications over long distance
- 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-700VC can be used without being connected to a computer.



QR CODE SYSTEM

FC-700VC 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.

SUPPORTED OS



PRODUCT OUTPUT

PACKAGING



TAGS



HOBBIES/CRAFTS



LABELS



PRODUCT SPECIFICATION

Model: FC-700VC

Configuration	Digital servo system, Flatbed
Media hold-down method	Vacuum suction
Maximum cutting speed	700 mm/s (10 to 700 mm/s)
Cutting pressure	Tool1: Max.5.88N(600gf) Tool 2: Max. 5.88 N (600gf)
Effective cutting area	790x1085mm
Mountable media(Y-axis direction)	940mm
Minimum character size	5mm square
Mechanical resolution	0.005mm (5 μ m)
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	3 tools

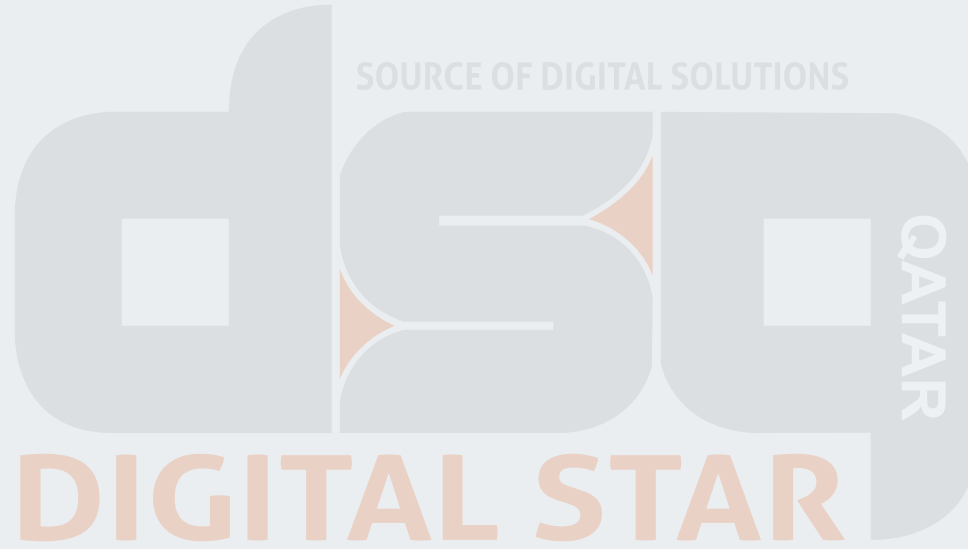
Tool types	Cutter blade / Calibration tool / Creasing tool
Operating screen	4.3-inch touch LCD
Power supply	100 to 240 V AC, 50/60 Hz (Auto switching)
Power consumption	Max. 150VA (machine), Max.550W (vacuum pump)
Operating environment	Temperature: 10 to 35 degrees C (35 to 95 degrees F)
Humidity	35 to 75% RH (non-condensing)
External dimensions	1420(Y)x1212(X)x1050(H)mm
Packaging dimensions	525X430X61CM (machine) / 47X43X37CM (vacuum pump)
G.W. / N.W.	154kg / 104kg (machine), 23/20kg (vaccum pump)
Compatible OS	Windows and Mac

TERMS AND CONDITIONS

1. Payment to be made in QR currency.
2. Payment Terms: As mentioned in Quotation.
3. Bank Details: -Bank Name: Qatar Islamic Bank
Branch: Al Khour Branch
Beneficiary Name: Digital Star Qatar
Acc #: (0111453200015)
Swift Code: (QISB - QAQA)
IBAN: QA16QISB000000000111453200015.
4. Bank Charges: Any bank charges relevant to the above transactions will be to your Account
5. Any charges, duties, taxes or levies at the ports of entry will be to our account.
6. The charges of loading, boarding and local conveyance of the technician will be to our account.
7. Any required electrical, mechanical & civil site preparation should be done by the customer according to our engineer's requirements.
8. Digital Star Qatar will not be held responsible for delays caused by any damage in the equipment due to shipment, unloading accidents and any related reasons, which is beyond our control.
9. Warranty will be of 12 months from date of installation from Digital Star Qatar. Wear & tear, consumables are exempted and warranty can be claimed only if you use the service from Digital Star Qatar.

10. Service will be free of cost within 12 months from the date of installation.
11. Any claim will be invoice directly to you then we will send for claiming procedure which will take 45-60 days, if the claim got approved credit note will issued directly.
12. Quotation will be valid for 7 days from here on.
13. Delivery: As mentioned in quotation





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