



Utility model patent number:
CN202321457549.4

Flatbed Cutting Plotter



Vacuum suction



CCD camera



Max speed:
1200mm/s



Max pressure:
1000g



Servo motor

Product parameter

Model number	SF-7050PRO	SF-1290PRO
disposition	High precision servo system, CCD positioning scanning cutting	
The way the material is fixed	Vacuum adsorption type	
Maximum cutting speed	1200 mm/s (10 to 1200 mm/s)	
Maximum cutting thickness	600 gf	
Effective cutting range	700x500mm	1200X900mm
Position cutting range	The blank cutting range is the effective cutting range, and the positioning cutting range is the subtracted positioning coordinate area	
Positioning mode	CCD camera positioning	
Machine accuracy	0.005 mm (5µm)	
Programming resolution	HP-GL: 0.025 mm	
repeatability	0.1mm	
Machine input interface	USB2.0 (Full Speed)/USB flash drive (Offline)/Network cable	
Motherboard memory	32MB	
Command language	HP-GL	
Number of tools	Double tool head	
Tool type	Knife/pen/indentation	
Control panel	5. 1-inch LCD touch screen	
Power source	100 to 240 V AC, 50/60 Hz (automatic conversion)	
power	Max. 150VA (machine),	
Machine operating environment	Ambient temperature: 10 to 35 degrees C (35 to 95 degrees F)	
humidness	35 to 75% RH (non-condensing)	
Footprint size	106X92X106CM (machine)	150X130X106CM (machine)
Package size	120X100X55CM(machine) 44X39X48CM(vacuum pump)	160X45X55CM(machine) 44X39X48CM(vacuum pump)
Gross/net weight	100KG/86KG、 21KG /20KG (machine、 vacuum pump)	150KG/136KG、 21KG/20KG (machine、 vacuum pump)
Compatible operating systems and software	Windows and Mac, support CDR,AI plug-in mode	

Note: The above parameters are subject to change without prior notice.

Product overview



High resolution camera

The machine uses a high-resolution camera for precise detection of the mark points (mark points are 5 mm in size). And marks can be accurately detected on colored and transparent materials. The marking point is a circle with a diameter of 5mm, which is not only very helpful for customers to design layout documents, but also to save materials and reduce production costs.



Two-dimensional code system

The machine can automatically read the two-dimensional code printed on the material: just add the two-dimensional code when making the document, and print the two-dimensional code file, the machine will automatically identify the two-dimensional code file and cut it accurately. This function can reduce the time of selecting files, speed up the production speed and improve the work



Offline mode - USB flash drive

Through the software to make machine recognizable PLT cutting files, the size is stored in the U disk, the U disk inserted into the machine, you can achieve off-line work.



Intelligent touch screen

5.1-inch capacitive screen, the icon button is simple and easy to understand, easy to switch the moving speed, one-click back to the starting point, repeated cutting, two-dimensional code working mode, etc.



Network transmission

- A. Network transmission, long-distance communication is still stable.
- B) Multiple computers can be connected to the same machine.
- C. One computer can control multiple machines.



Easy maintenance

Multiple sensors are installed in the machine, and the status of the sensors can be observed in the machine parameters, which is easy for users to find problems and timely maintenance. Many of the machines are cleverly designed to facilitate inspection and after-sales maintenance.



Compatible with both Windows and Mac systems

It comes standard with CDR/AI plug-in and SUNFUNG software. MAC system software is optional



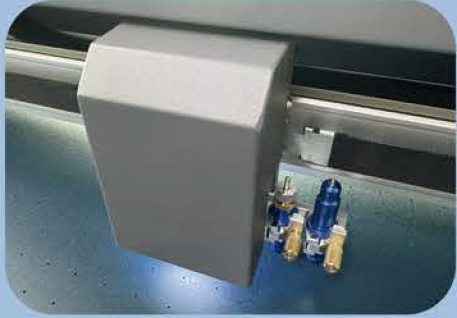
Touch screen

Sunfung independently developed and integrated touch screen control panel system, professional UI design, good experience, convenient operation.

Vacuum adsorption platform is used

Unique vacuum adsorption platform, strong suction, and innovative interactive cutting mode, you can cut the previous one, and then continue to cut the next one, and then continue to the previous one, circular work, non-stop mode.





Patented double cutter head design

CNC aluminum casting, double voice coil motor trolley, large pressure, high precision, long life.

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Noise reduction system

The standard vacuum suction pump is equipped with a silencer device, and the noise is about 60 decibels to meet the needs of the office working environment.



Applications



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