

# AUTO SHEET FEEDING FLATBED CUTTER

## SG-ASF420

- Digital die-cutting crafts which meet mass production process Standard.
- More intelligent interaction with 7-inch touch screen;
- 4 tools in 4 combinations.
- Automatic induction lifting feeder combined with independent paper feeding system.
- Feeding, REAR scanning and REAR cutting separately with non-interference.
- Wider application scenarios with wider format and thicker material.
- More medias can be placed up to 18 CM stacking.
- The speed are greatly improved both on scanning and running.



Intelligent operation



Performance improvement



Real-time monitoring



Four kinds of tool



**Four Knife Head Design  
Die-cutting + Indentation**



**Multiple  
Connection  
Methods**



**7 Inch Full  
Touch Screen**



HEFEI SAGA COMPUTER NUMERICAL CONTROL Co.,Ltd.

☎ Tel: +86-551-63444544

📍 Address: Block7 Liando U-valley, Jilin Crossing of  
Fanhua Avenue, Baohe District, Hefei, Anhui Province, PRC



Website

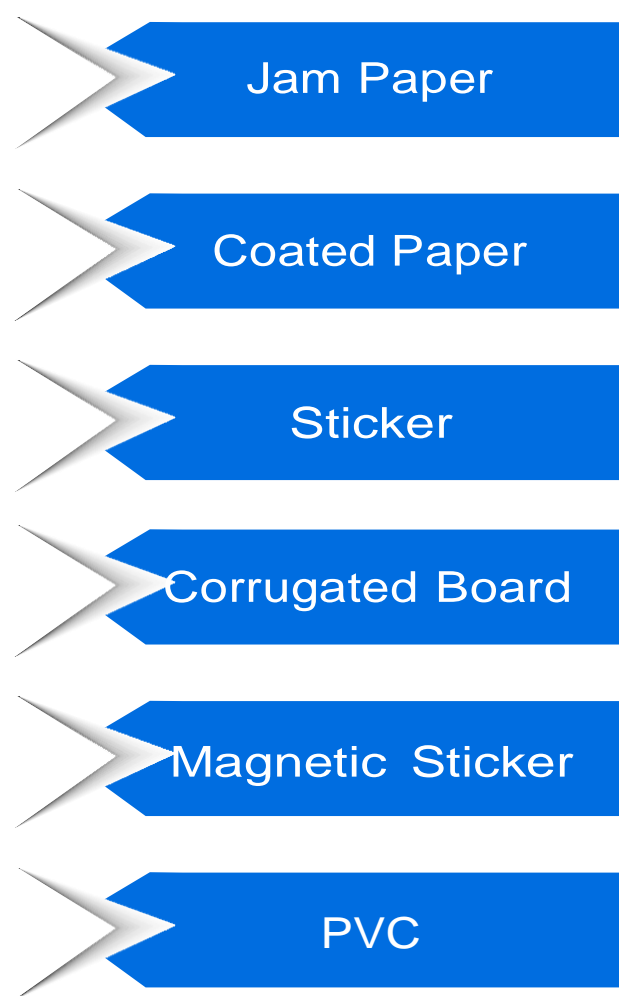


WeChat

## PRODUCT PARAMETERS :

## APPLICABLE MATERIALS :

Model name		SG-ASF420
Cutting control system	X- High-power brushless servo motor Y- High-power brushless servo motor	
Positioning sensor type	Digital camera (CCD)	
Control panel	7 inch capacitive touch screen	
Number of tool holders	Double tool holders	
Blade types	Blade, creasing tool and pen	
Number of tangential blade	Double tool holders	
Tangential blade types	Blade, creasing tool	
Machine performance		
Operation mode	Front / Rear scanning and Front / Rear cutting / Matrix cutting	
Media hold method	Vacuum suction	
Scanning code type	Mark/QR code	
Maximum width	490mmX710mm	
Maximum cutting size	430mmX672mm	
Scanning speed	5-10s	
Maximum actual cutting speed	100mm/s-700mm/s 10mm/s Step	
Maximum Cutting Force	Creasing: 0-1900gf (10gf 1Step) Blade: 0-1900gf (10gf 1Step)	
Maximum Paper Weight	600g (Varies from different cutting materials)	
Media feeding method	Pneumatic auto feeding system	
Sheet stack height	18 cm, up to 600 pcs depends on thickness of the paper	
Maximum feeding size	A2 (420mmX594mm)	
Sheet feeding speed	2-6 pcs/ minute	
Minimum character cutting size	About 10mm <sup>2</sup> (Varies from contour patterns and medias)	
Mechanical resolution	0.02mm	
Programmable resolution	HPGL 0.025mm	
Repeat precision	≤0.05mm	
Cutting Media Types	Self-adhesive sticker, cardboard, corrugated paper, etc.	
Software and compatibility		
Connectivity	USB, TCP, WiFi, U disk, Interface	
Software and compatibility	CutStudio / Corel Draw / Illustrator Plug-in	
Power and working environment requirements		
Working voltage and current	100VAC-120VAC, 50/60Hz, Maximum current 13.6A 200VAC-240VAC, 50/60Hz, Maximum current 6.8A	
Working power	Maximum 700W	
Vacuum Pump voltage and current	110VAC, 50Hz, Rated current 10.8A, 60Hz, Rated current 13.0A 220VAC, 50Hz, Rated current 4.5A, 60Hz, Rated current 5.6A	
Vacuum Pump power	50Hz, 750W; 60Hz, 840W	
Air Pump Vacuum Power	750W	
Operation environment	Temperature +5℃ to +35℃ (Fahrenheit 41-95), Humidity 30%-75% (Non-condensing)	
Dimensions and Weight		
Actual dimensions	930mm×860mm×940mm(Feeding platform) 1595mm×810mm×940mm(Flatbed cutter)	
Package dimensions	1095mm×1031mm×1417mm(Feeding platform) 2168mm×1298mm×1332mm(Flatbed cutter)	
NW/GW	128±25kg/191±25kg(Feeding platform) 267±25kg/402±25kg(Flatbed cutter)	



This parameter is subject to change without prior notice. The company reserves the right of final interpretation

## APPLICATION DISPLAY :

