



Jaguar VI Series Introduction

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Product Position & Introduction

Product Position & Introduction

Product Position

A reliable and high-performance cutting solution designed for professional applications, delivering precision, speed, and versatility across a wide range of materials.

Introduction

The Jaguar VI series is designed to meet the demanding needs of professional users. With its refined design, enhanced features, high precision, and fast cutting speed, the Jaguar VI series delivers outstanding performance across a wide range of materials.

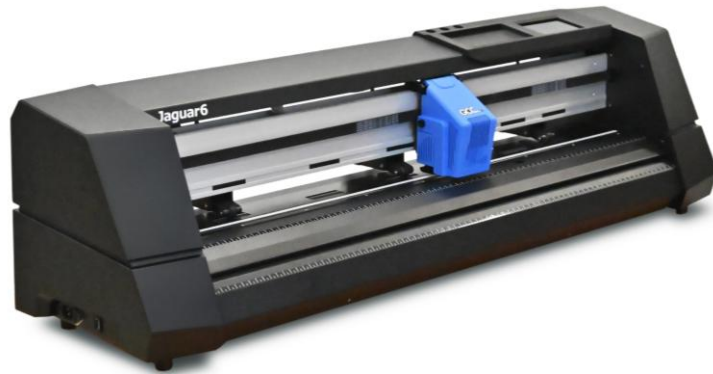
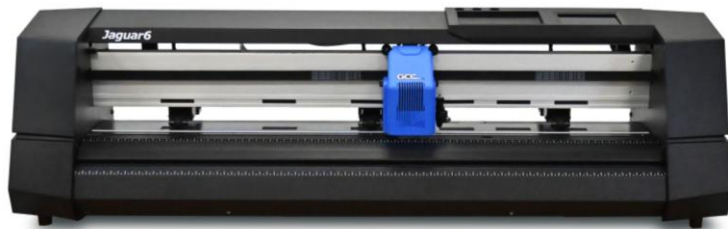
To address specific application needs, GCC has also developed dedicated Jaguar VI models optimized for window tint film and reflective film applications. For professional users, the Jaguar VI series continues to be a reliable and high-performance cutting solution.

Machine Overview



Innovation
With a Human Touch

Machine Overview



Specification Sheet

Main Specification

Model No.	J6-61/61WF	J6-101/101WF	J6-137/137WF	J6-163/163WF	J6-183/183WF
Max. Cutting Width	618mm (24 in.)	1018mm (40 in.)	1380mm (54 in.)	1633 mm (64 in.)	1838mm (72 in.)
Max. Media Loading Width	832mm (32 in.)	1232mm (48 in.)	1594mm (62 in.)	1847mm (72 in.)	2052mm (80 in.)
Min. Media Loading Width	50 mm (1.97")				
Number of Pinch Rollers	3	4		6	
Acceptable Material Thickness	0.8 mm (0.03 in.)				
Drive Motor	DC Servo Control				
Cutting Force	5 ~ 700 g				
Diameter of Blade	2.5mm (0.098 in.)				
Max. Cutting Speed	1530 mm/sec (60 ips) (at 45° direction)				
Acceleration	4.2 G				
Offset	0~1.0 mm (with an increase of 0.025 mm)				
Memory Buffer	32 MB /16 MB (when using AAS)				



Main Specification

Model No.	J6-61/61WF	J6-101/101WF	J6-137/137WF	J6-163/163WF	J6-183/183WF
Interfaces	USB 2.0 (Full Speed) and Serial (RS-232), and Ethernet, USB Flash				
Wi-Fi (2.4G)	J6-61WF, J6-101WF, J6-137WF, J6-163WF, J6-183WF models only				
Distance Accuracy	± 0.254 mm(± 0.01 in.) or $\pm 0.1\%$ of move, whichever is greater				
Repeatability	± 0.1 mm(± 0.004 in.)				
AAS II Contour Cutting Module (Automatic-Aligning System)	Available, including Segmental Positioning and Auto Rotation functions				
Auto Cut Off	No	Yes			
Control Panel	4" Capacitive Touch Panel				
Net Weight	25 kg (55.1 lb)	62 kg (136.7 lb)	72 kg (158.7 lb)	82 kg(180.8 lb)	92 kg(202.8 lb)
Stand	Optional	Standard			
Media Basket	Optional				
Cutting Software Operating Systems	GCC Printer Driver: Windows 10 and above GreatCut-S Pro: Windows 10 and above / macOS 10.6 and above				

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key Features

Key Features



High Speed, Precision Cutting Plotter

Jaguar VI incorporates a high-speed digital [servo](#) drive system that provides accurate, smooth and fast operation. The maximum cutting speed of Jaguar VI is [60 inch/sec \(1530 mm/sec\)](#).



700 Grams Cutting Force

Selectable cutting forces, ranging from 5 to [700g](#), accommodate a wide variety of materials, including fine and thin masking films to thick and hard reflective films.



Flexible Connectivity

Jaguar VI offers both wired (USB, Ethernet, Serial) and wireless (Wi-Fi) connectivity options, allowing users to choose the setup that best fits their workflow.

*Wi-Fi is available on WF models only.

Key Features



4" Touch Panel

The built-in 4-inch touch panel provides a clear and intuitive interface, allowing users to easily operate the machine and adjust settings directly from the screen for a smoother workflow.



USB Storage

USB Storage allows users to save job files to a USB flash drive, enabling operation without a computer.



Blade Storage Slots with Tool Tray

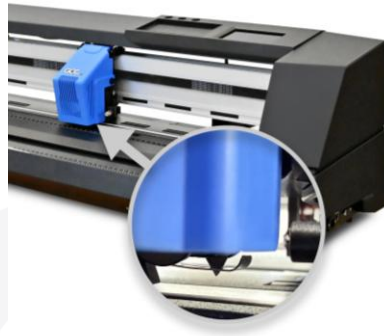
Three blade storage slots keep spare or additional blades organized, while the recessed tray below provides convenient storage for small tools and accessories.

Key Features



Barcode Recognition

All print-and-cut files are collected in a hot folder and linked to the SmartCUT queue. The AAS II module scans the barcode on the printout and automatically applies the assigned cutting parameters.



Auto Cut Off

Allows the cutter to automatically cut off the media after each job, supporting unattended batch production. Media can also be cut manually using the "Cut Off" button.

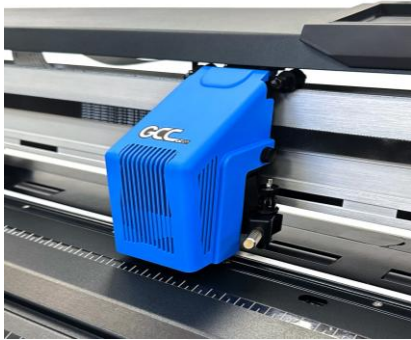
*Auto Cut Off is not available on the 61 model.



Dual-slot Blade Holder

Enables quick switching between blade holders for die cutting and perforated cutting applications.

Key Features



Tangential Mode

Smoothly cuts small letters and intricate graphics. Tangential emulation ensures clean corners on thick materials such as reflective and sandblast films.



Slide Rail Media Basket (Optional)

Keeps media off the floor and free from dust, ensuring a clean and efficient workflow.



GCC One-click Printer Driver

GCC cutting plotters include an One-click Windows driver that allows sign makers to edit images in CorelDRAW or Adobe Illustrator and output directly to GCC cutting plotters.

Key Features

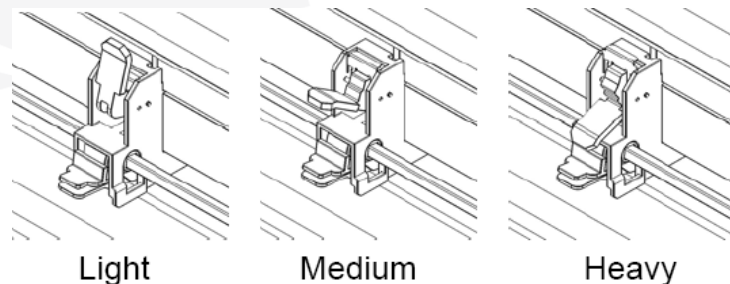
Multi-Pressure Pinch Roller

There are 3 different pressure settings which the Multi-pressure pinch rollers can be set to in order to cater to the different pressure settings required for working with different media types.

For example, set light hold-down pressure of the pinch roller in the middle when cutting thin materials such as window tinting film.

Material	Left side	Middle	Right side
Reflective film	Heavy	Medium	Heavy
Vinyl	Medium	Medium	Medium
Window tinting film	Medium	Light	Medium

Combinations of the pinch rollers use



Key Features

GreatCut-S Pro

Tailored for top-notch performance and full compatibility with all GCC cutters, notably the robust Enhanced AAS II of Jaguar VI, GreatCut-S Pro optimizes operations. The plugin for Adobe Illustrator and CorelDRAW allows users to leverage their familiar design software and streamline production by seamlessly integrating print and cut processes. Moreover, its included drawing tools for shape creation and editing elevate design capabilities and workflow efficiency.

The logo for Great Cut-S is displayed in a blue, sans-serif font. The word 'Great' is followed by 'Cut-S', with a stylized checkered pattern underlining the 'Cut' portion.

What's difference between Jaguar V and Jaguar VI

What's Difference Between Jaguar V and Jaguar VI

	Jaguar V	Jaguar VI
New appearance		
Cuttign Force	600g	700g
AAS	LX models only	Standard on all models
Wi-Fi	No	Yes (WF model only)

What's Difference Between Jaguar V and Jaguar VI

	Jaguar V	Jaguar VI
Dual-slot blade holder	No	Yes
Auto Cut Off	No	Yes (not available on the 61 model)
Panel	LCM + control panel	4" touch panel
USB Storage	No	Yes
Multi-Pressure Pinch Rollers	No	Yes
Operating system	GCC Printer driver (Windows) GreatCut-S (Windows/macOS)	GCC Printer driver (Windows) GreatCut-S Pro (Windows/macOS). The pro version includes additional functions such as Section Cut
Barcode reader	No	Yes

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Applications

Sign / Traffic sign (Vector cutting)



Traffic sign



Window signage



Promotional sign

(Print & Cut)



Reflective film

Vehicle Industry (Vector cutting)



Window tinting



Protective film

(Print & Cut)



Car wrapping

Apparel (Vector cutting)



Rhinestone



Flock transfer paper

(Print & Cut)



PU film



Heat transfer paper

Specialty (Vector cutting)



Soft magnetic sheet



Home decoration



Sandblasting paper

(Print & Cut)



Label



Decal



Specialty graphic

Specialty (Print & Cut)



Floor display



Package

Competitors Spec Comparison

Comparison - Graphtec

	Jaguar VI					FC9000			
Model No.	J6-61	J6-101	J6-137	J6-163	J6-183	FC9000-75	FC9000-100	FC9000-140	FC9000-160
Number of Pinch Rollers	3	4	4	6	6	2	3	4	4
Memory Buffer	32 MB					2 MB			
Acceleration	4.2 G					4.0 G (39.2 m/s ²) in 8 steps			
Interfaces	USB 2.0 (Full Speed) / RS-232 / Ethernet / Wi-Fi					USB2.0 (Full speed) / Ethernet			
Acceptable Material Thickness	0.8mm (0.03in)					1.48mm (0.058in)			
Guaranteed Tracking	10 m					10m~15m (depending on media width)			
Distance Accuracy	0.254 mm (1in.) or 0.1% of move, whichever is greater					Max. 0.1 mm/in unit of 2 m			
Max. Cutting Speed	1530 mm / sec (60ips) / Diagonal					1485 mm / sec (58.5 ips) / Diagonal			
Cutting Force	5- 700 g					20 - 600 g			
Stand	★ (J6-61 optional, others standard)					★			
Media Basket	Optional					★			
Kiss Cut & Die Cut/ Perforation Cutting	★					★			
Pouncing	★ (required optional pouncing tool)					★ (required optional pouncing tool)			
Section Cutting/ Auto-Paneling	★					★			
Media Cut-off System	★					★			

Comparison - Summa

	Jaguar VI					S3 Class T / D series			
Model No.	J6-61	J6-101	J6-137	J6-163	J6-183	S3 T/D75	S3 T/D120	S3 T/D140	S3 T/D160
Number of Pinch Rollers	3	4	4	6	6	2	3	4	4
Display panel	Color Touch Screen					Color Touch Screen			
Acceleration	4.2 G					Up to 4.2 G diagonal			
Interfaces	USB 2.0 (Full Speed) / Serial (RS-232) / Ethernet / Wi-Fi					USB / Ethernet/ Wi-Fi			
Acceptable Material Thickness	0.8mm (0.03in)					0.05mm(0.002") to 0.25mm (0.01") Up to 1.2mm (0.047") with sandblast tangential knife			
Guaranteed Tracking	10 m					± 0.1mm up to 12 m (vinyl < 760mm) ± 0.1mm up to 4 m (vinyl >760mm)			
Max. Cutting Speed	1530 mm/sec (60ips / Diagonal)					Up to 1000 mm/sec. (40 in./sec.) axial; Up to 1440 mm/sec. (56 in./sec) diagonal			
Cutting Force	5~700 g					T series : 0-1000 grams, in 5-gram increments / D series : 0-400 grams, in 5-gram increments			
Accuracy	0.254 mm or 0.1% of move, whichever is greater					0.2% of move or 0.25 mm, whichever is greater (*)			
Media Basket	Optional					★			
Half-cut	★					★			
Up Acceleration / TurboCut	★					★			
Section Cutting	★					★			
Media Cut-off System	★					★			

Comparison - Mimaki

	Jaguar VI					CG-AR			FX II Plus		
Model No.	J6-61	J6-101	J6-137	J6-163	J6-183	CG-60AR	CG-100AR	CG-130AR	CG-75FXII	CG-130FXII	CG-160FXII
Number of Pinch Rollers	3	4	4	6	6	3	3		3		
Memory Buffer	32 MB					27 MB (17MB when sorting)			30 MB (20MB when sorting)		
Interfaces	USB 2.0/ RS-232C/ Ethernet / Wi-Fi					USB2.0/ RS-232C/ Ethernet			RS-232C / USB2.0		
Acceptable Material Thickness	0.8mm (0.03in)					0.25mm (0.098in)			0.25 mm (0.01") 0.06~0.13mm (0.0024"~0.005") for pouncing		
Tracking	10 m					2m			10m		
Max. Cutting Speed	1530 mm/sec (60ips / Diagonal)					730 mm/sec (28.7ips)			cutting speed 1000 mm/sec (39.3ips) moving speed 1400 mm/s (55ips)		
Cutting Force	5~700 g					10~550 g			500 g		
Repeatability	±0.1mm					± 0.2 mm					
Segmental Positioning/ Segment Compensation	★					★			★		
Section Cutting/ Division Cut	★					★			★		
Pouncing	★ (required optional pouncing tool)					-			★ (required optional pouncing tool)		
Tangential Emulation	★					-					

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Conclusion

Conclusion

- ✓ The Jaguar VI Series is engineered to deliver outstanding throughput, precision, and versatility for professional cutting applications.
- ✓ With its advanced AAS II system, dual-slot blade holder, and flexible connectivity options, it enables efficient workflows across a wide range of materials, from thin films to thicker reflective media.
- ✓ Combined with intelligent features such as barcode recognition and long-length tracking capability up to 10 meters, the Jaguar VI Series ensures consistent accuracy and productivity in every job.
- ✓ Designed for performance and reliability, the Jaguar VI Series is the ideal solution for users seeking a high-performance, all-in-one cutting plotter.

Vinyl Cutter **Jaguar6**



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Thank you