265016720G(07)

# GCC.

# Cutter Products

GCC.

Innovation
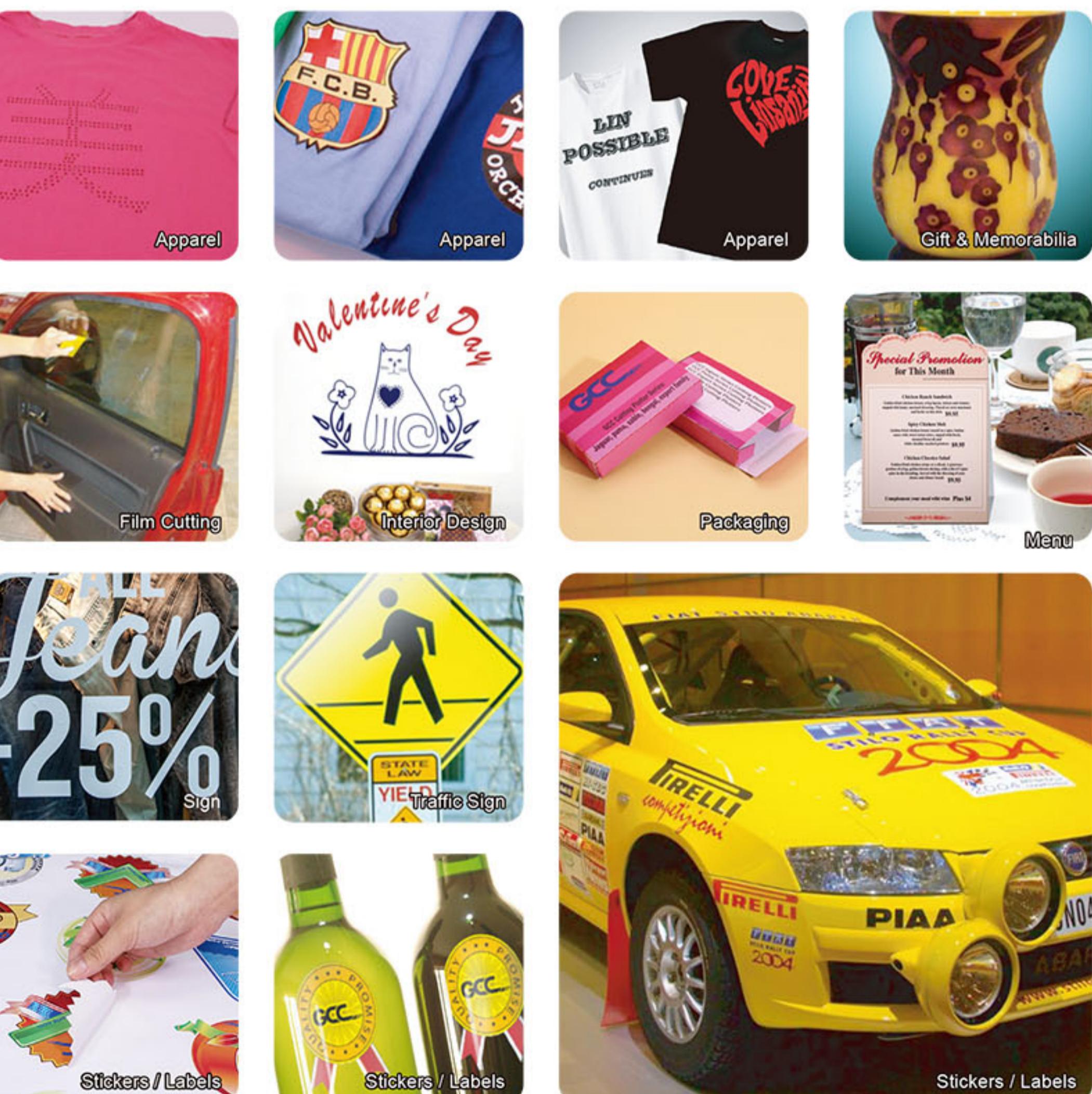With a Human Touch

# Cutter

# Vinyl Cutter

GCC offers a complete range of cutting plotters including the supreme RX II series, ultimate Jaguar V series, performance Puma IV, Expert II and AR-24 series.

Each GCC cutting plotter delivers precise tracking capabilities, superior cutting speeds, and unrivaled cutting forces, reliable performance, advanced technology, innovative features, and an easy-to-use interface position. GCC cutting plotters are the best solution for entry-level to professional users.

GCC Cutting Plotters are a perfect stage for a broad range of applications across a number of industries, covering the sign, advertisement, textile, vehicle fields, and so forth. GCC cutting plotters are definitely the best business partner along your path to success, laying unlimited opportunities ahead.

## Table of Contents

Founded in 1989, GCC is a global forefront equipment-manufacturing provider in the visual communication industries.

Headquartered in Taiwan; GCC serves an international network of distributors worldwide and has branch offices throughout United States, Europe and China. GCC provides a broad range of hi-tech and quality products including cutting plotters, laser engraving / marking / cutting systems, UV-curable inkjet printers, printer/cutter and apparel plotters.

With over 100 current and pending worldwide product patents and trademarks, GCC has earned a worldwide reputation for innovation, quality and reliability.

National Outstanding Award

Outstanding Photonics products Award

Industrial Technology Advancement Award

Apparel

Apparel

Apparel

Gift & Memorabilia

Film Cutting

Interior Design

Packaging

Menu

Sign

Traffic Sign

Stickers / Labels

Stickers / Labels

Stickers / Labels

**www.GCCworld.com**

## RX II / RX II (Creasing)

61 / 101S / 132S / 183S

61 (Creasing)

RX II

### RX II / RX II (Creasing)

61 / 101S / 132S / 183S

61 (Creasing)

- Multi-Pressure Pinch Rollers
- Advanced Driver Function
- Touch Key Panel
- Auto Cut Off Function
- 10 meter tracking guaranteed
- Up to 600 grams cutting force
- Up to 1530 mm (60 in.) per second cutting speed (at 45° direction)
- Automatic-Aligning System for automatic contour cutting (AAS II)
- Ethernet connection
- Creasing Ability (Creasing model only)
- Dual Tool Holder (Creasing model only)
- Multiple parameter setting by 16 different colors.

### Jaguar V

61 / 101 / 132 / 163

61LX / 101LX / 132LX / 163LX / 183LX

- 10 meter tracking guaranteed
- Up to 600 grams cutting force
- Up to 1530 mm (60 in.) per second cutting speed (at 45° direction)
- Automatic-Aligning System for automatic contour cutting (AAS II)
- Ethernet connection
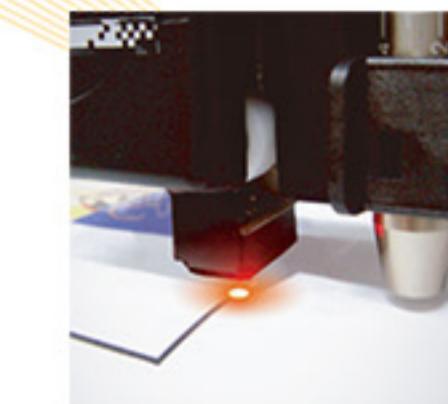
### Puma IV

60 / 132

60LX / 132LX

- 5 meter tracking guaranteed
- Up to 500 grams cutting force
- Up to 1020 mm (40 in.) per second cutting speed (at 45° direction)
- Automatic-Aligning System for automatic contour cutting (AAS II)
- Ethernet connection

### Enhanced AAS II Contour Cutting System

GCC'S cutting plotters feature a standard Automatic-Aligning System (AAS II) to guarantee precise contour cutting by detecting the registration marks on digitally produced images. The significant functions include:

- **1st-mark auto-detection**
- **4-point positioning**
- **Segmental positioning**
- **Multiple copies**

### Touch Key Panel

The brand new touch key panel is easy to use and durable. The intuitive design allows new users to operate the machine easily. The easy-to-use and multi-language touch key panel can remarkably simplify complex tasks.
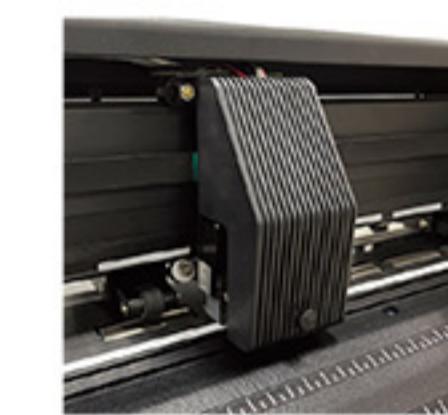
### Auto Cut Off

This features allows users to set the cutter to cut off the media after the completion of each job, making it easy to set up an unattended workflow for mass production. Or user can simply push the "Cut off" button after the completion of a job to have the media cut off automatically.

### Triple Port Connectivity

The RX II series offers triple port connectivity: USB, serial, and Ethernet. USB ensures fast data transfer with the computer, while Ethernet allows multiple units to be operated by one PC and shared across multiple PCs. This flexibility is perfect for sign makers.
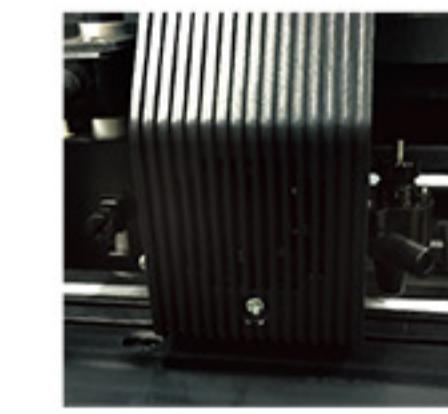
### Dual Tool Holder (creasing model only)

Equipped with special dual holder – blade holder and creasing tool holder - on the carriage, creasing lines and cut lines can be made at one time. It saves your valuable time.

| Model Number | RX II Series | | | | |
|---|---|---|---|---|---|
| | RX II-61 (Creasing) | RX II-61 | RX II-101S | RX II-132S | RX II-183S |
| Operational Method | Roller -Type | | | | |
| Max. Cutting Width | 536 mm (21 in.) | 610 mm (24 in.) | 1016 mm (40 in.) | 1320 mm (52 in.) | 1830 mm (72 in.) |
| Max. Cutting Length | 50 m (164') | | | | |
| Max. Media Loading Width | 642 mm (25.28 in.) | 810 mm (31.88 in.) | 1326 mm (52.2 in.) | 1635 mm (64.37 in.) | 2145 mm (84.44 in.) |
| Min. Media Loading Width | 50 mm (1.97 in.) | | | | |
| Number of Pinch Rollers | 2 | | 3 | 4 | 5 |
| Acceptable Material Thickness | 0.8 mm (0.03 in.) | | | | |
| Drive Motor | DC Servo Control | | | | |
| Max. Cutting Force | 600 g | | | | |
| Max. Cutting Speed | 1530 mm / sec (60 ips) (at 45° direction) | | | | |
| Acceleration | 4.2 G (gravity) | | | | |
| Interfaces | 0 ~ 1.0 mm (with an increase of 0.025 mm) | | | | |
| Distance Accuracy | 16 MB | | | | |
| Repeatability | ± 0.1 mm | | | | |
| Tracking | 10 m (~33') | | | | |

1. Compatible with Windows 7 and above & MAC OS X 10.6 and above. (*Using "Sure Cuts A Lot" software to work with Mac OS.)
2. GCC reserves the right to change the specifications at any time without notice.
3. GCC certified material in tracking is Avery MPI 3000.
4. The above listed specification values are effective only when operated with media certified by GCC.
5. There is no guarantee that all USB flash drive can be read.

# Jaguar V

## 61 / 101 / 132 / 163
## 61LX / 101LX / 132LX / 163LX / 183LX

Jaguar V

### Enhanced AAS II Contour Cutting System

GCC'S cutting plotters feature a standard Automatic-Aligning System (AAS II) to guarantee precise contour cutting by detecting the registration marks on digitally produced images. The significant functions include:

- 1st-mark auto-detection
- 4-poiont positioning
- Segmental positioning
- Multiple copies
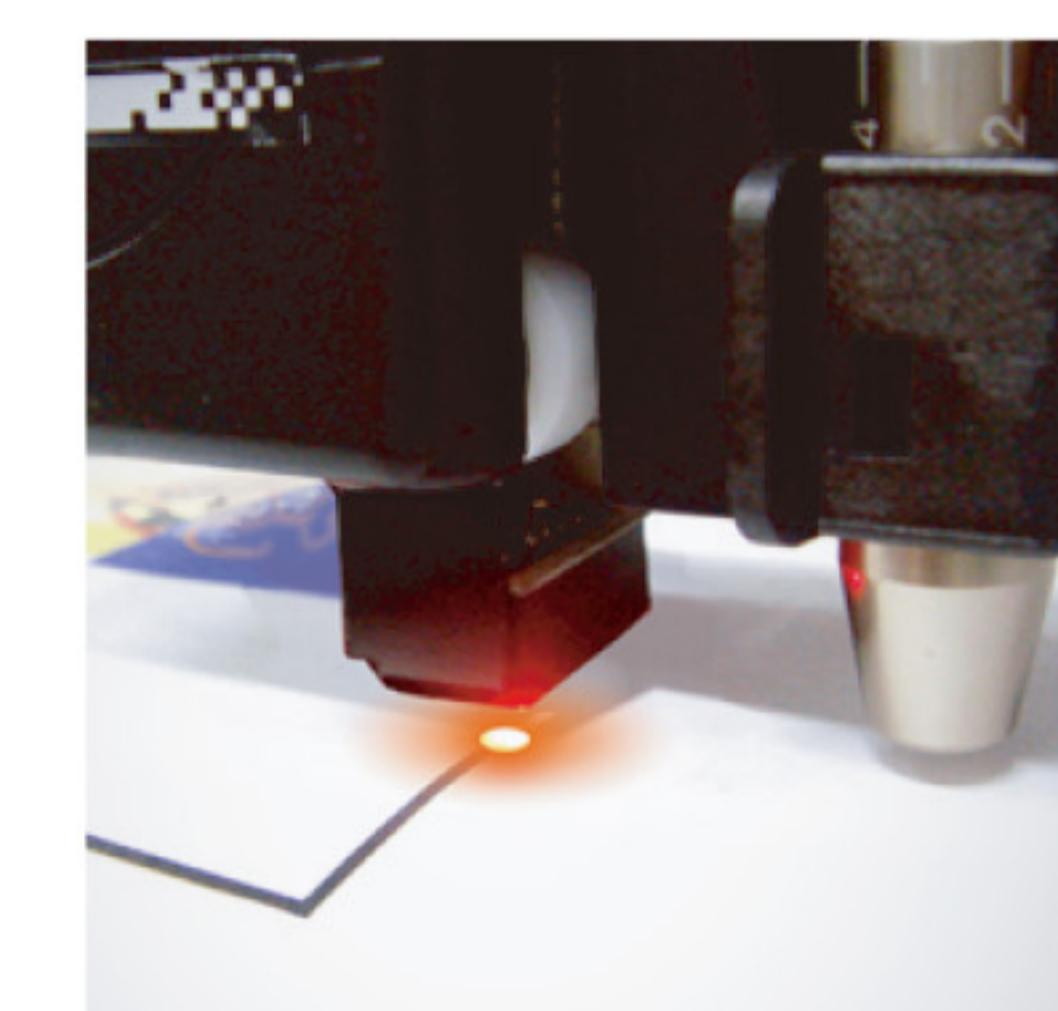
### User-Friendly Control Panel

The easy-to-use and multi-language control panel can remarkably simplify complex tasks. It provides various functional settings to meet users' needs.
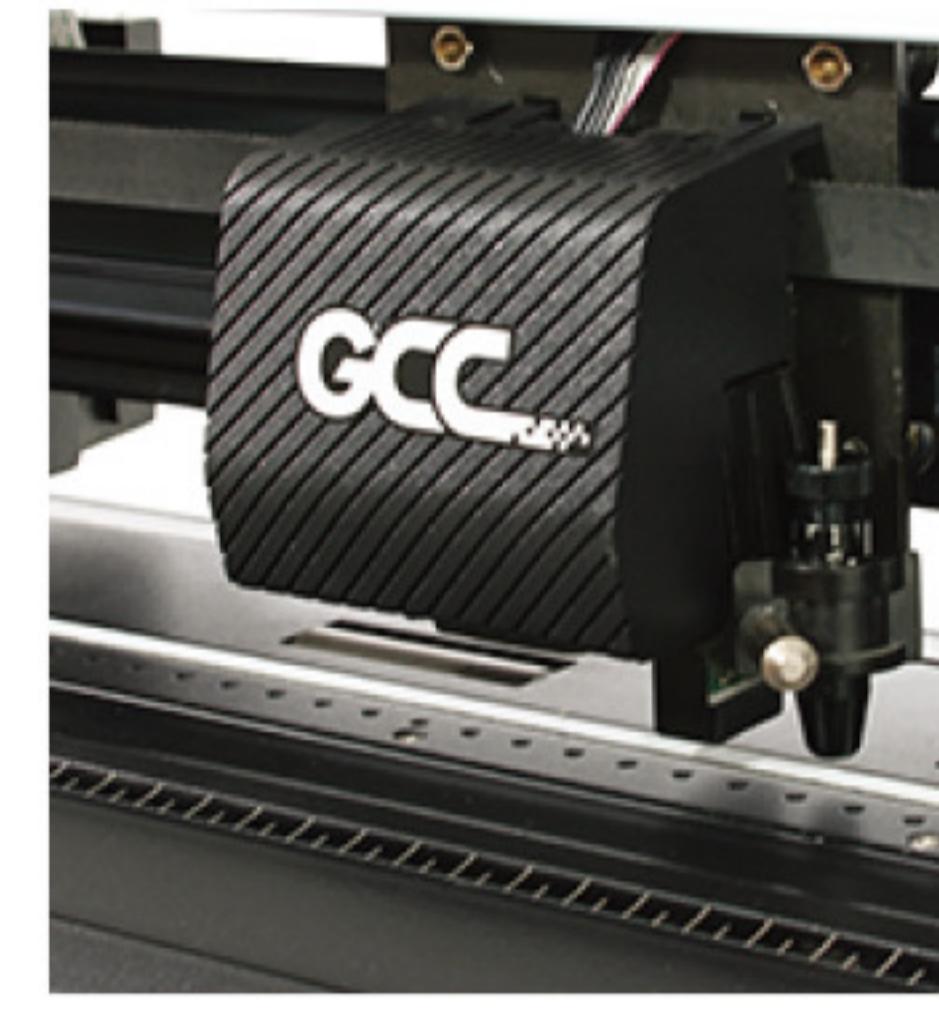
### Selective Pinch Roller Positioning

Each pinch roller can be manually re-positioned depending on the media type and width used, ensuring accurate, long-length tracking and worry-free operation. This guarantees you the widest range of media type and application compatibility for your cutting or plotting needs.

### Triple-Port Connectivity

RX II, Jaguar V and Puma IV series support triple-port connectivity with USB, serial and Ethernet ports. Ethernet connection enables multiple machines to be operated by one PC and multiple PCs to share a single unit. Triple port connectivity provides sign makers a great flexibility for data transmission.

### Guaranteed 10m Tracking Ability

The exclusive grid drum and precisely engineered mechanism to provide superb tracking ability.
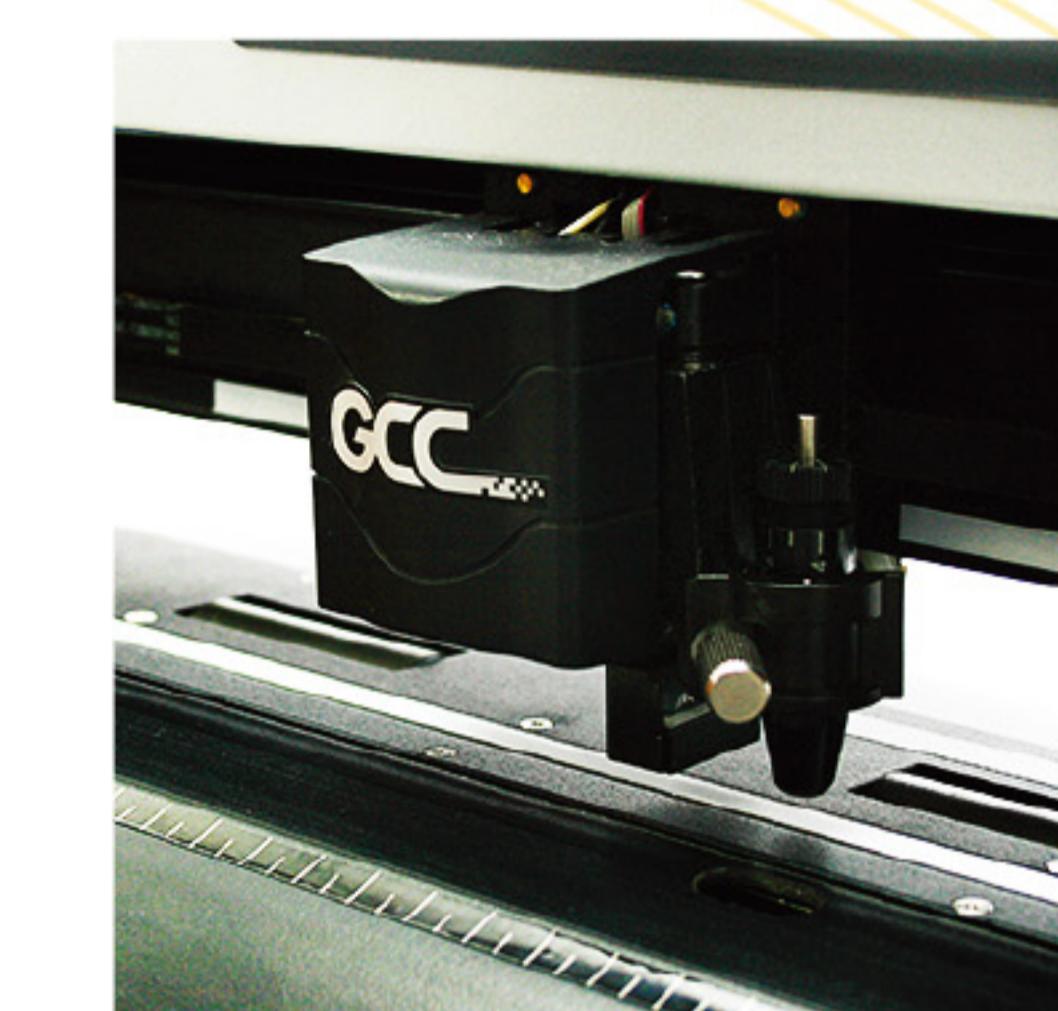
| Model Number | J5-61 | J5-101 | J5-132 | J5-163 | |
| --- | --- | --- | --- | --- | --- |
| | J5-61LX | J5-101LX | J5-132LX | J5-163LX | J5-183LX |
| Operational Method | Roller -Type | | | | |
| Max. Cutting Width | 610 mm (24 in.) | 1016mm (40 in.) | 1320mm (52 in.) | 1627 mm (64 in.) | 1830mm (72 in.) |
| Max. Cutting Length | 50 m (1.64 fit) | | | | |
| Max. Media Loading Width | 770 mm (30.3 in.) | 1270mm (50 in.) | 1594mm (62.7 in.) | 1782mm (70.2 in.) | 1990mm (78.3 in.) |
| Min. Media Loading Width | 50 mm (1.97 in.) | | | | |
| Number of Pinch Rollers | 3 | 4 | | 6 | |
| Acceptable Material Thickness | 0.8 mm (0.03 in.) | | | | |
| Drive Motor | DC Servo Control | | | | |
| Max. Cutting Force | 600 g | | | | |
| Max. Cutting Speed (at 45° direction) | 1530 mm/sec (60 ips) (at 45° direction) | | | | |
| Acceleration | 4.2 G (gravity) | | | | |
| Interfaces | USB 2.0 (Full Speed) and Serial (RS-232), and Ethernet | | | | |
| Distance Accuracy | ±0.254 mm or ±0.1% of move, whichever is greater | | | | |
| Repeatability | ±0.1 mm | | | | |
| Tracking | 10 m (~33') | | | | |

1. Compatible with Windows 7 and above & MAC OS X 10.6 and above. (*Using "Sure Cuts A Lot" software to work with Mac OS.)
2. GCC reserves the right to change the specifications at any time without notice.
3. GCC certified material in tracking is Avery MPI 3000.
4. The above listed specification values are effective only when operated with media certified by GCC.
5. There is no guarantee that all USB flash drive can be read.

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# Puma IV

## 60 / 132
## 60LX / 132LX

Puma IV

### Enhanced AAS II Contour Cutting System (Only for Puma IV LX Model)

The Puma IV series features a standard Automatic-Aligning System(AAS II) to guarantee precise contour cutting by detecting the registration marks on digitally produced images. Functions include:include:

- 1st-mark auto-detection
- 4-poiont positioning
- Segmental positioning
- Multiple copies

### Touch Key Panel

The brand new touch key panel is easy to use and durable. The intuitive design allows new users to operate the machine easily. The easy-to-use and multi-language touch key panel can remarkably simplify complex tasks.

### Handy Grooved Cut-Off Tool

This handy and innovative design allows you to cut off a finished job in a straight line easily reducing the possibility of wasting usable material.

### Triple Port Connectivity

Puma IV series supports triple port connectivity with USB, serial and Ethernet ports. The USB port provides faster and convenient data transmission between the computer and Puma IV. Ethernet connection enables multiple Puma IV to be operated by one PC and multiple PCs to share a single unit. Triple port connectivity provides users a great flexibility for data transmission.

### Tracking Ability

The exclusive grid drum is precisely engineered to provide superb tracking ability.

| Model Number | Puma IV | |
| --- | --- | --- |
| | P4-60/P4-60LX | P4-132/P4-132LX |
| Operational Method | Roller -Type | |
| Max. Cutting Width | 600mm (23.6 in.) | 1300 mm (51.18 in.) |
| Max. Cutting Length | 50 m (164') | |
| Max. Media Loading Width | 719 mm (28.3 in.) | 1470 mm (57.87 in.) |
| Min. Media Loading Width | 50 mm (1.97 in.) | |
| Number of Pinch Rollers | 2 | 4 |
| Acceptable Material Thickness | 0.8 mm (0.03 in.) | |
| Drive Motor | DC Servo Control | |
| Max. Cutting Force | 500 g | |
| Max. Cutting Speed | 1,020 mm/s(40.2 ips) (at 45° direction) | |
| Acceleration | 2.8 G (gravity) | |
| Interfaces | USB 2.0 (High speed), Serial (RS-232C), Ethernet | |
| Distance Accuracy | ±0.254 mm or ±0.1% of move, whichever is greaterr | |
| Repeatability | ±0.1mm | |
| Tracking | 5 m (~16') | |

1. Compatible with Windows 7 and above & MAC OS X 10.6 and above. (*Using "Sure Cuts A Lot" software to work with Mac OS.)
2. GCC reserves the right to change the specifications at any time without notice.
3. GCC certified material in tracking is Avery MPI 3000.
4. The above listed specification values are effective only when operated with media certified by GCC.
5. There is no guarantee that all USB flash drive can be read.
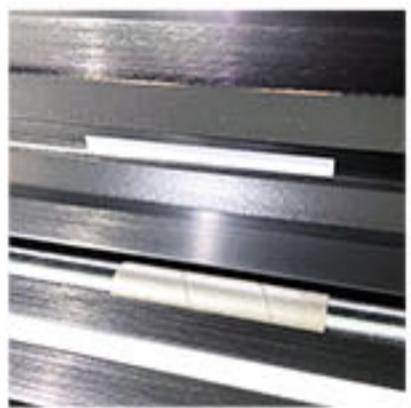
# Expert II

24 / 52
24LX / 52LX

Expert II

## Enhanced AAS II Contour Cutting System

GCC'S cutting plotters feature a standard Automatic-Aligning System (AAS II) to guarantee precise contour cutting by detecting the registration marks on digitally produced images. The significant functions include:

- 1st-mark auto-detection
- Segmental positioning
- Segmental positioning
- Multiple copies

## Guaranteed 3 Meter Tracking

GCC Expert II Series is built from the finest parts that come with every GCC cutter. It comes with stable drums that can guarantee 3 meter tracking to ensure quality outputs and save you materials and costs.

## Handy Grooved Cut-off Tool

This handy and innovative design allows you to cut off a finished job in a straight line easily reducing the possibility of wasting usable material.
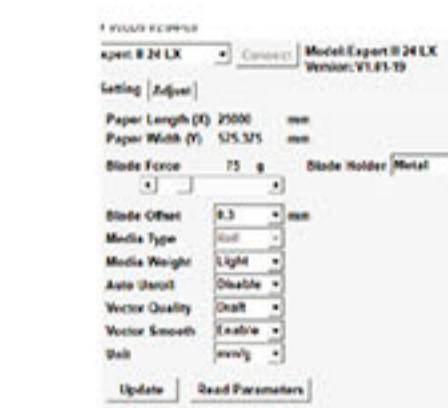
## Dual-port Connectivity

GCC Expert II Series supports dual-port connectivity with USB and serial ports. The USB port provides faster data transmission between the computer and GCC Expert II Series. Dual-port connectivity provides sign makers with great flexibility for data transmission.

## User-friendly Interface

The control panel of Expert II Series is very user-friendly; it comes with the special VLCD software, providing a simple and intuitive workflow for users of all levels.

| Model Number | Expert II | | | |
|---|---|---|---|---|
| | EX II-24 | EX II-24LX | EX II-52 | EX II-52LX |
| Operational Method | Roller -Type | | | |
| Max. Cutting Width | 600 mm (23.6 in.) | | 1320 mm (51.96 in.) | |
| Max. Cutting Length | 50 m (1.64 fit) | | | |
| Max. Media Loading Width | 719 mm (28.3 in.) | | 1470 mm (57.87 in.) | |
| Min. Media Loading Width | 50 mm (1.97 in.) | | | |
| Number of Pinch Rollers | 3 | | | |
| Acceptable Material Thickness | 0.8 mm (0.03 in.) | | | |
| Drive Motor | Stepper | | | |
| Max. Cutting Force | 350 g | | | |
| Max. Cutting Speed | Up to 705 mm / sec (27.8 ips) (at 45 degree direction) | | Up to 635 mm / sec (25 ips) (at 45 degree direction) | |
| Acceleration | 0.7G (gravity) | | | |
| Interfaces | USB 2.0 (Full Speed) & Serial (RS-232C) | | | |
| Distance Accuracy | ± 0.254 mm or 0.1% of move, whichever is greater | | | |
| Repeatability | ±0.1 mm | | | |
| Tracking | 3 m | | | |

1. Compatible with Windows 7 and above & MAC OS X 10.6 and above. (*Using "Sure Cuts A Lot" software to work with Mac OS.)
2. GCC reserves the right to change the specifications at any time without notice.
3. GCC certified material in tracking is Avery MPI 3000.
4. The above listed specification values are effective only when operated with media certified by GCC.
5. There is no guarantee that all USB flash drive can be read.

# Digital Finishing Equipment

The best hand-free sheet media solution for post press process.

GCC provide a labor free operation with precise contour cutting that enhance the productivity and satisfy diverse needs in short run on demand label/decal applications.

The auto feeder has a media capacity of 250 sheets B2 paper size, together with the automated sheet feeding process, media separation mechanism to prevents double feeds and contour cutting ability, also provides an unattended and uninterrupted workflow for custom labels, transfer decals and many more.

Packaging

Special Promotion for This Month

Menu

Sickers / Labels

Gift and Memorabilia

Crafts
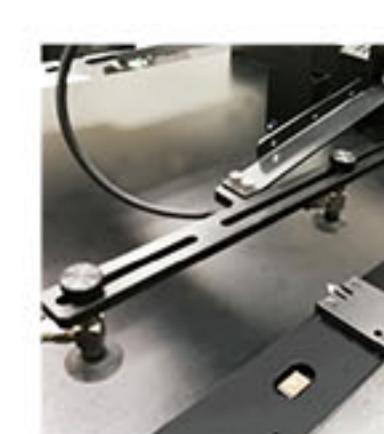
Packaging

Sign

Sickers / Labels

AFJ-24S

# AFJ-24S

The GCC AFJ-24S provides labor free operation with guaranteed precise contour cutting that satisfy diverse needs for custom labels, transfer decals and many more.
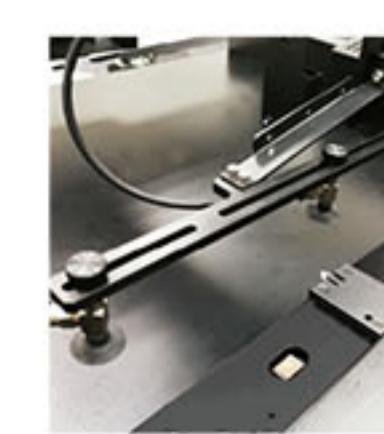
### Suction Cup



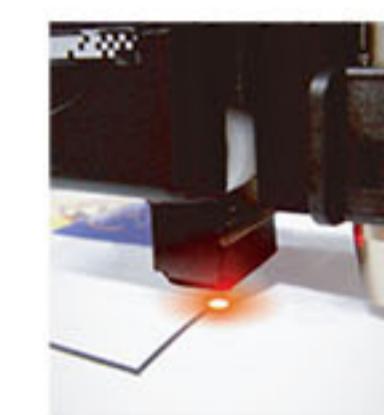Suction cup facilitates automated sheets feeding process.

### Media Tray Collects Completed Cutting Sheets



To keep your vinyl off the floor and away from dust or contaminants. Your production will be a clean and efficient operation.

### Suction Cups



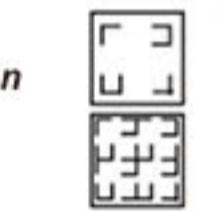AFR-24S equips with 4 suction cups which is easily to grab the sheet to plotter.

### Enhanced AAS II Contour Cutting System



GCC's cutting plotters feature a standard Automatic-Aligning System (AAS II) to guarantee precise contour cutting by detecting the registration marks on digitally produced images. The significant functions include:

- **1st-mark auto-detection**
- **4-poiont positioning**
- **Segmental positioning**
- **Multiple copies**


AFJ-24S
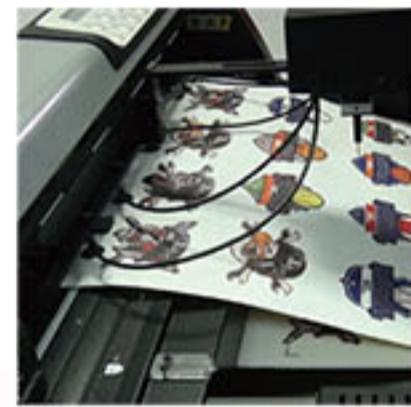
# AFR-24S

GCC AFR-24S enables the optimized process for short run production in sampling, packaging and labels that simplify your operation with an automatic working procedure.
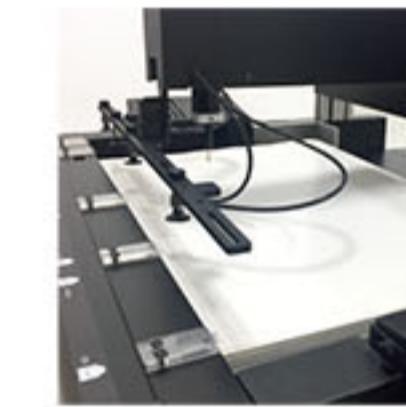
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## AFJ-24S Features



### Media Separation Mechanism

The special design media separation mechanism prevents double feeding which ensure single sheet feeding each time as well as an uninterrupted workflow.
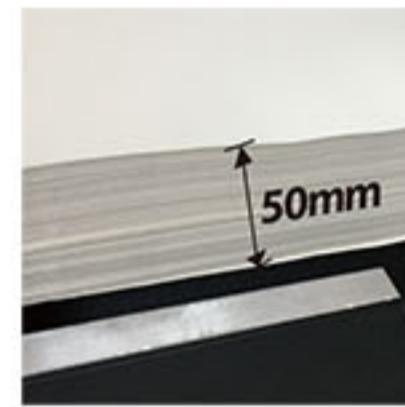

50mm

### Media Stacking Up to 50 mm

Up to 50 mm media stacking suggests great capacity tray and allows unattended operation.
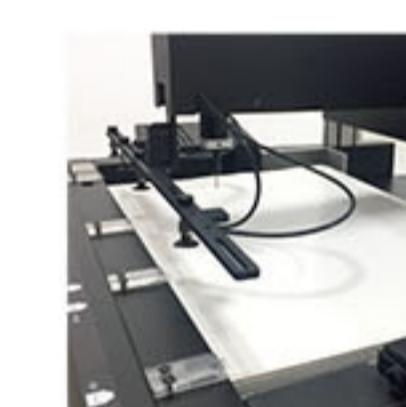


### Accept B2 Size Media

Support media standard up to B2 size that accommodate most commonly used media size.
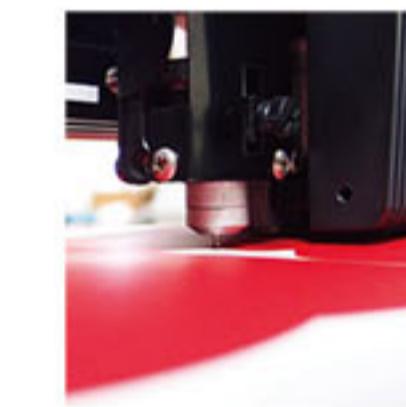


### Enhanced AAS II Contour Cutting System

A standard Automatic-Aligning System (AAS II) to guarantee precise contour cutting by automatically detecting the registration marks on digitally produced images.

## AFR-24S Features



### Accept B2 Size Media

Support media standard up to B2 size that accommodate most commonly used media size.



### Creasing Tool

Equipped with the dual tool holders with creasing tool and blade, AFR offers cardstock creasing and cutting to make small volume of paper box.

ps.Cardstock weight ranges from 322 to 562 gsm (200 to 350 lbs), varying based on paper type and thickness.



### Media Separation Mechanism

Single sheet feeding guaranteed to avoid paper jam.



### Adjustable Media Tray

New design of media tray allows user to adjust the height of tray also can select optional extending plate for B2 size.

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| Model | AFJ-24S |
|---|---|
| Supported Media Size | A4, SRA4, A3, SRA3, A2, B3, B2 |
| Interface to PC | USB 2.0 (Full Speed), Serial (RS-232C) and Ethernet |
| Power Source | 100 to 240 V AC (It is required three power outlet) |
| Operating Environment | Temperature: 15 to 30°C/60°F~86°F<br>Humidity: 25 to 75 % RH (non-condensing) |
| Dimensions (W x D x H) | Approx. 950 x 1,080 x 780 mm |
| Weight | Approx. 40 kg (Cutter unit: 18 kg, Auto feeder unit: 22 kg) |
| **Auto Feeder Unit** | **Auto Feeder** |
| Supported Media | Width: 279 to 500 mm, Length: 210 to 500 mm<br>Up to 350 g/m² |
| Capacity of Supply Tray | 250 Sheets @150 g/m² or up to 50 mm height<br>(It varies by the material, thickness and condition of media.) |
| Interface | Serial (RS-232C) |
| Power Source | AC adapter, 100 to 240 V AC, Approx. 60 VA at output power |

*Above specifications are subject to change without prior notice.

| Model | AFR-24S |
|---|---|
| Supported Media Size | A4, SRA4, A3, A3+, SRA3, A2, A2+, B3, B2<br>8.5 x 11 in. (215.9 × 279.4 mm), 8.5 x 14 in. (215.9 × 355.6 mm), 11 x 17 in. (279.4 × 431.8 mm),<br>12 x 18 in. (304.8 × 457.2 mm), 13 x 19 in. (330.2 × 482.6 mm), 14 x 20 in. (355.6 x 508 mm) |
| Interface to PC | USB 2.0 (Full Speed), Serial (RS-232C) and Ethernet |
| Power Source | 100 to 240 V AC (It is required three power outlet) |
| Operating Environment | Temperature: 15 to 30°C/60°F~86°F<br>Humidity: 25 to 75 % RH (non-condensing) |
| Dimensions (W x D x H) | Approx. 1098 x 1140 x 782 mm |
| Weight | Approx. 47.5 kg (Cutter unit: 25.5 kg, Auto feeder unit: 22 kg) |
| **Auto Feeder Unit** | **Auto Feeder** |
| Supported Media | Width: 279 to 500 mm, Length: 210 to 700 mm (Extend to 700 mm length when the optional extension table are installed)<br>Up to 350 g/m² |
| Capacity of Supply Tray | 250 Sheets @150 g/m² or up to 50 mm height<br>(It varies by the material, thickness and condition of media.) |
| Interface | Serial (RS-232C) |
| Power Source | AC adapter, 100 to 240 V AC, Approx. 60 VA at output power |

*Above specifications are subject to change without prior notice.