

Product Support Guide G188 / G189

Introduction

Model Type	Color Printer
Launch Date	02/14/2009
S/N Configuration	S49YMMxxxxx S48YMMxxxxx
Product Code	G188 / G189

Brand/Model Name

Product Code	Lanier	Ricoh	Savin
G188	LP540C	Aficio SPC820DN	CLP340D
G189	LP550C	Aficio SPC821DN	CLP350D

Product Concept

To improve customer satisfaction by providing reliable machine with less downtime higher productivity.
To take in-house and vertical printing needs by wide paper versatility and crisp image quality
To contribute to after market business by attacking to high PV user.



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Order Number Main Frame

Item	Model Name	EDP Code	Lanier ID	Notes
LP540C Aficio SP C820DN CLP340D	Lanier Ricoh Savin	406551 406547 406551	-	Base
LP550C Aficio SP C821DN CLP350D	Lanier Ricoh Savin	406558 406553 406558	-	Base
LP540CT1 Aficio SP C820DNT1 CLP340DT1	Lanier Ricoh Savin	406552 406548 406552	-	Base + PB3080
LP550CT1 Aficio SP C821DNT1 CLP350DT1	Lanier Ricoh Savin	406559 406554 406559	-	Base + PB3080
Aficio SP C820DNT2	Ricoh	406549	-	Base + PB3040
Aficio SP C821DNX	Ricoh	406555	-	Base + PB3040
Aficio SP C820DNLC	Ricoh	406550	-	Base + PB3050
Aficio SP C821DNLC	Ricoh	406556	-	Base + PB3050

Options

Item	Description	EDP Code	Lanier ID	Product Code	Common / Unique
Paper Feed Unit PB3080	550x1 Tray	414720	-	D387	C
Paper Feed Unit PB3040	550x2 Tray	415002	-	D351	C
LCIT PB3050	LCT	415003	-	D352	C
Booklet Finisher SR3000	Booklet Finisher (1000sheet)	412851	-	B793	C
Finisher SR3030	3000 Sheet Finisher	413325	-	B805	C
Punch Kit PU3000 NA	Punch kit PU3000: NA: 3/2 hole	412855	-	B807	C
Punch Unit Type 3260 NA 3/2	Punch Unit 3260 NA: 3/2 hole	412209	-	B702	C
Bridge Unit BU3030	Bridge Unit	414175	-	D386	C

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Item	Description	EDP Code	Lanier ID	Product Code	Common / Unique
Output Jogger Unit Type 3260	Jogger Unit	412212	-	B703	C
Mail Bin Type C820	4bin mail box	406409	-	G835	U
Camera Direct Print Card Type F	Pictbridge	403108	-	M354-13	U
Memory Unit Type J 256MB	Memory 256MB	004166MIU	-	NA	C
Memory Unit Type J 512MB	Memory 512MB	004165MIU	-	NA	C
Printer Hard Disk Drive Type 820	HDD 80G	403111	-	M354-05	U
VM CARD Type K	SDK (NA)	403112	-	M354-15	C
HDD ENCRYPTION UNIT Type D	HDD Encryption Unit	403113	-	M354-17	C
SD card for NetWare printing Type A	Netware option (SD card for NetWare printing Type A)	403114	-	M354-19	C
IEEE802.11a/ g Interface Unit Type J	Wireless LAN interface board (NA)	414008	-	D377-01	C
Bluetooth Interface Unit Type 3245	Bluetooth Board	412866	-	B826	C
DataOverwriteSecurity Unit Type M	HDD Overwrite Security Unit	406495	-	M354-21	C
IEEE1284 Interface Board Type A	IEEE1284/ECP	411699	-	B679	C
Data Storage Card Type A	Data Storage Card	402627	-	G874	C
Gigabit Ethernet Board Type B	Gigabit Ethernet Board	414204	-	D377-21	C

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Supplies/Yields

Item	EDP Code	Name	Target Yield
Lanier			
Toner	821042	Print Cartridge Black LP540C-DNHA	20,000
Toner	821043	Print Cartridge Yellow LP540C-DNHA	15,000
Toner	821044	Print Cartridge Magenta LP540C-DNHA	15,000
Toner	821045	Print Cartridge Cyan LP540C-DNHA	15,000
Drum	403115	Black Drum Unit SP C820DN	40,000
Drum	403116	Color Drum Unit SP C820DN	40,000
Transfer Unit	403117	Transfer Unit SP C820DN	200,000
Fusing Unit	403118	Fusing Unit SP C820DNA	160,000
Waste Toner Bottle	402716	Waste Toner Bottle SP C811DN	40,000
Staple	410801	Staple Type K for SR3030	5,000
Staple	410802	Staple Type K Refill for SR3000/SR3030	15,000
Staple	480391	Staple Type S for SR3000 (Saddle Stitch) (Uses Type K Refill)	5,000
Ricoh			
Toner	821026	Print Cartridge Black SP C820DNHA	20,000
Toner	821027	Print Cartridge Yellow SP C820DNHA	15,000
Toner	821028	Print Cartridge Magenta SP C820DNHA	15,000
Toner	821029	Print Cartridge Cyan SP C820DNHA	15,000
Drum	403115	Black Drum Unit SP C820DN	40,000
Drum	403116	Color Drum Unit SP C820DN	40,000
Transfer Unit	403117	Transfer Unit SP C820DN	200,000
Fusing Unit	403118	Fusing Unit SP C820DNA	160,000
Waste Toner Bottle	402716	Waste Toner Bottle SP C811DN	40,000
Staple	410801	Staple Type K for SR3030	5,000
Staple	410802	Staple Type K Refill for SR3000/SR3030	15,000
Staple	412874	Staple Type S for SR3000 (Saddle Stitch) (Uses Type K Refill)	5,000
Savin			
Toner	821034	Print Cartridge Black CLP340D-DNHA	20,000
Toner	821035	Print Cartridge Yellow CLP340D-DNHA	15,000
Toner	821036	Print Cartridge Magenta CLP340D-DNHA	15,000
Toner	821037	Print Cartridge Cyan CLP340D-DNHA	15,000
Drum	403115	Black Drum Unit SP C820DN	40,000
Drum	403116	Color Drum Unit SP C820DN	40,000
Transfer Unit	403117	Transfer Unit SP C820DN	200,000

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Fusing Unit	403118	Fusing Unit SP C820DNA	160,000
Waste Toner Bottle	402716	Waste Toner Bottle SP C811DN	40,000
Staple	9858	Staple Type K for SR3030	5,000
Staple	9859	Staple Type K Refill for SR3000/SR3030	15,000
Staple	412877	Staple Type S for SR3000 (Saddle Stitch) (Uses Type K Refill)	5,000

NOTE: *A4, 6% chart is used to measure the above yield. Storage period for toner is max. 1 year.

Option Compatibility

	Booklet finisher	3,000 Finisher	4 bin mail box
Main unit only	N/A	N/A	N/A
Main unit + 550 x 1 tray	N/A	N/A	N/A
Main unit + 550 x 2 tray	Y	Y	Y
Main unit + LCT	Y	Y	Y
Main unit + 550 x 1 tray + 550 x 2 tray	N/A	N/A	N/A

Branding Information

Branding is required as the machines are shipped as a generic version.

Ricoh version machines: You must attach the model label (provided) to the front cover.

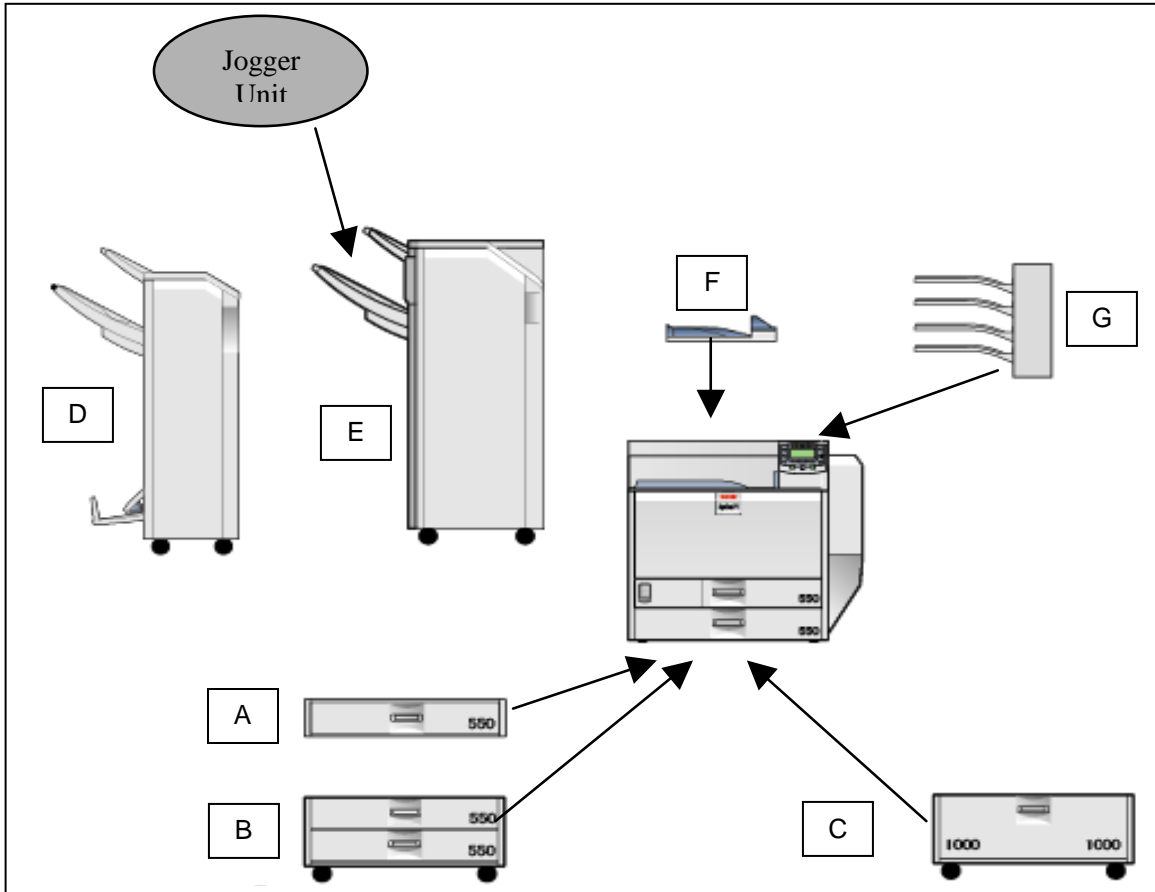
Savin/Lanier: You must attach the model label (provided) to the front cover and set the Plug and Play name with SP 5-907.

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Configuration

Main Frame Configuration



A	550 x 1 Tray	Common to D029
B	550 x 2 Tray	Common to G179
C	2000 LCT	Common to G179
D	Booklet Finisher (1000 sheets)	Common to G133
E	3000 Finisher	Common to G133
F	*Bridge unit	Common to G179
G	4bin mail box	New

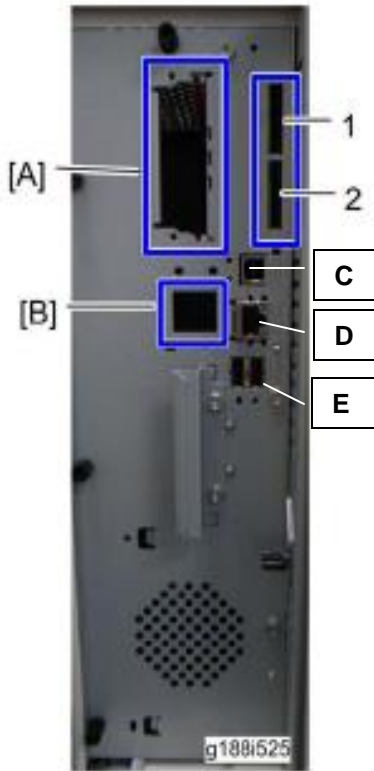
* Bridge unit is required when Finisher is attached to the main unit

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Controller Options

Option Board Slot / SD Card Assignments



SD Slot 1 is used for one of the optional applications: Data Overwrite Security Unit, Netware, Pictbridge, Data Storage Card.

SD Slot 2 is used for installing the VM Card, HDD Encryption Unit, or for service only (for example, updating the firmware).

I/F Slot A is used for one of the optional I/F connections (only one can be installed): IEEE1284, IEEE802 11a/g, g (Wireless LAN) or Bluetooth.

Gigabit Ethernet Slot B is used for only Gigabit Ethernet.

[C] USB Printing

[D] Ethernet

[E] USB Host

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Feature Comparison To Previous version

		G188	G189	G133
PPM (Color / B&W)		40ppm/40ppm	50ppm/50ppm	40ppm/40ppm
First Print	Color	9sec or less	8sec or less	9sec or less
Speed	B/W	8sec or less	7 sec or less	8sec or less
Warm-up Time		34 seconds	48 seconds	60sec or less
CPU		Celeron 600MHz	Celeron 1.0GHz	Celeron 866MHz
Memory (Std./Max.)		512MB/1024MB	512MB/1024MB	256MB/512MB
Engine		4bit	4bit	4bit
Resolutions		600 x 600dpi	600 x 600dpi	600 x 600dpi
		1800 x 600dpi	1800 x 600dpi	1800x 600 dpi
		9000 x 600dpi	9000 x 600dpi	9000x600dpi
		1200x1200dpi(true)	1200x1200dpi(true)	
HDD		Optional(80GB)	Standard(80GB)	Standard(40GB)
Duplex		Standard	Standard	Standard
Interface	100BASE-TX	Standard	Standard	Standard
	/10BASE-T			
	USB2.0	Standard	Standard	Standard
	IEEE1284	Option	Option	Option
	IEEE802.11b	N/A	N/A	Option
	IEEE802.11a/b/g	Option	Option	N/A
	Bluetooth	Option	Option	Option
	Gigabit Ethernet	Option	Option	Option
	USB Host I/F	Standard	Standard	Option
Input Capacity	Standard tray	550 x 2	550 x 2	550 x 2
	Optional tray	550 x 1 or 550 x 2	550 x 1 or 550 x 2	550 x 1 or 550 x 2
	LCT	2,000	2,000	2,000
	Bypass	100	100	100
	Std capacity	1,200	1,200	1,200
	Max capacity	3,200	3,200	3,200
	Finisher capability	Booklet	Yes (1,000 sheets)	Yes(1,000 sheets)
Large capacity		Yes (3,000 sheets)	Yes(3,000 sheets)	Yes(3,000 sheets)
Paper Weight	Standard tray	Bond 16-68lbs/60 ~ 256g/m ²	Bond 16-68lbs/60 ~ 256g/m ²	Bond 16-57lbs/60 ~ 216g/m ²
	Bypass	Bond 16-68lbs/ 60 ~ 256g/m ²	Bond 16-68lbs/ 52 ~ 256g/m ²	Bond 14-67lbs/ 52 ~ 256g/m ²
	LCT	Bond 16-68lbs/60 ~ 256g/m ²	Bond 16-68lbs/60 ~ 256g/m ²	Bond 16-57lbs/60 ~ 216g/m ²
W x D X H		670 x 670 x 640	670 x 670 x 640	670 x 670 x 640
Weight		Less than 97kg	Less than 97kg	Less than 97kg
Operation Panel		4 Line Panel	4 Line Panel	4 Line Panel

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Installation

Installation Requirements

Temperature Range: 10° C to 32° C (50° F to 89.6° F)
Humidity Range: 15% to 80% RH
Ambient Illumination: Less than 1,500 lux (do not expose to direct sunlight)
Ventilation: 3 times/hr/person
Ambient Dust: Less than 0.075 mg/m³ (2.0 x 10⁻⁶oz/yd³)
Avoid areas exposed to sudden temperature changes:

- Areas directly exposed to cool air from an air conditioner.
- Areas directly exposed to heat from a heater.

Do not place machine where it will be exposed to corrosive gas or vapor.

Do not install the machine at any location over 2,500m (8,200 ft.) above sea level.

Place the machine on a strong and level base. Inclination on any side should be no more than 5mm (0.2")

Do not place the machine where it may be subject to strong vibrations.

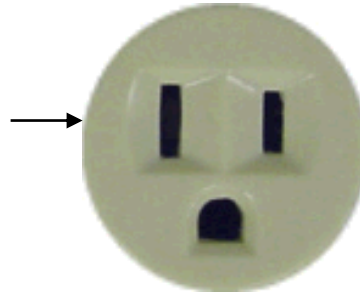
- Machine level
- Front to back: within 5mm (0.2") of level
 - Right to left: within 5mm (0.2") of level

Power Requirements

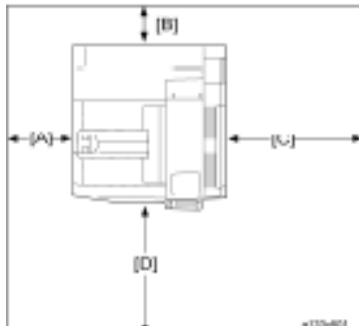
Input voltage level: 110 - 120 V, 60Hz:12A

Do not place anything on power cord.

The required wall outlet is a NEMA 5-15R (receptacle)



Space



A (Left)	100mm (3.9")
B (Rear)	100mm (3.9")
C (Right)	550 mm (21.7")
D (Front)	750 mm (29.5")

The recommended 750 mm (30") front space is sufficient to allow the paper tray to be pulled out. Additional the front space is required to allow operators to stand at the front of the machine.

Foot Print

Dimensions (W x D x H): 670 x 670 x 640mm (26.4" x 26.4" x 25.2")

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Power Consumption / Noise Emission

Power Consumption

	Power consumption	BTU
Max.	Less than 1440W	4917
Energy Saver	2.2W	7.5

Noise Emission

	Main Unit
Stand by	40dB(A) or less
Printing	Color print: 67 dB (A) or less(Basic model), 68dB(A) or less(HDD standard model) Back&white print: 65dB(A) or less(Basic model), 66 dB(A) or less(HDD standard model)

NOTE: The above measurements were made in accordance with ISO 7779. The measurements were taken from the normal position of the operator.

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Installation Times

Mainframe: **30 minutes**

Peripherals:

Peripherals	Installation Time (minutes)	Peripherals	Installation Time (minutes)
1-Tray Paper Feed unit	10	PictBridge	5
2-Tray Paper Feed unit	10	Bluetooth	5
LCT (2000 sheet)	10	Gigabit Ethernet	5
Bridge Unit	10	IEEE1284	5
1000-Sheet Booklet Finisher	15	HDD Encryption Unit	5
3000-Sheet Finisher	15	IEEE802.11a/g	5
4-Bin Mail Box	15	Data Overwrite Security Unit	10
Punch Unit	15		

The above figures are based on actual test installations and follow-up verifications performed by RCL Service.

“Finisher”, “Punch Kit” and “Bridge Unit” have to be installed by the service engineer.

Storage/Transportation

	Storage	Transportation
Mainframe		
Toner (*1)	Temperature Humidity -30C to 45C Under 80%RH	Temperature Humidity -30C to 40C 15-95%RH
Developer (*1)	NA	NA

NOTE: (*1) Do not store more than 12 hours under the temperature between 40 and 50°C. Do not store more than a month under the temperature between 35 and 40°C. Store in a dry, dark place where temperature does not exceed 40°C on continuance storage/transportation conditions.

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Parts / Special Tools / Maintenance

PM Parts / Yields

Maintenance Kits

This product has been designed for user maintenance. The maintenance kits in the table below have been prepared as supplies. Both user and technician maintenance are fundamentally performed by replacing these supplies. Therefore, the component parts of these supply kits are not registered as service parts, except for some parts of the fusing unit.

For supply kits containing two or more maintenance units, each unit in the kit will be registered as an individual service part. For example, the C, M and Y PCU will all be registered as individual service parts.

Kit type	Contents	Expected Yield (Prints)
A	Color PCU (3 PCUs for each color C/M/Y)	40k
B	Black PCU	40k
C	Fusing Unit (with Paper Transfer Roller)	160k
D	Waste Toner Bottle	40k
E	Image Transfer Belt Unit (with Dust filter)	200k

As shown in the above table, the expected yield differs depending on the maintenance units. Also, each maintenance unit has its own counter to detect the near end or end condition. The yield is counted up by using machine operation time. Therefore, the number of prints differs depending on operation factors such as paper size and prints per job (P/J). The yield figures in the above table are based on the following conditions:

- A4 (LT) long-edge feed
- 5% image coverage ratio
- 3 prints/job

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Special Tools & Lubricants

The following special tools should be prepared for maintenance of the new model in the field:

Unique or Common:

U: Unique for this model

C: Common with listed model

Item	Part Number	Description	Q'ty	Unique or Common
1	B6455010	SD Card	1	C (General)
2	B6456705	PCMCIA Card Adapter	1	C (General)
3	B6456830	USB Reader/Writer	1	C (General)
4	VSSM9000	Digital Multimeter – FLUKE87	1	C (General)
5	G021 9350	Loop-back Connector – Parallel (Note1)	1	C (General)
6	C401 9503	20X Magnification Scope	1	C (General)
7	A2579300	Grease Barrierta – S552R	1	C (General)
8	52039502	Silicon Grease G-501	1	C (General)
9	B6795100	Plug - IEEE1284 Type C	1	C (General)
10	B1329700	Lubricant Powder	1	C (G133)

Loop-back Connector – Parallel (item 5) requires Plug - IEEE1284 Type C (item 11).

Target Reliability

Items	G188	G189
APV	6K/month	10K/Month
Max PV	50k/Month	50k/Month
Color ratio	70%	70%
PM Interval	User maintenance	
Call Ratio (EM)(main frame)	0.0495	0.0730
MPBF Target(main frame)	121.2k	137.0k

* The figures above are calculated based on the following:

- PM is regularly performed.
- Recommended paper types are used.
- The machine is installed under operable environmental conditions.
- Regarding the reliability information for the full system, refer to the maintenance timetable in section 6, "Service Time Estimations" below.

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Specifications / Documentation

Machine Specifications			
Type			Desktop
Technology			Laser beam scanning & Electro photographic printing
			Dual component toner development
			4 drums tandem method
Resolution (dpi)			1200x1200 dpi(true, 1bit) 9000x 600 dpi, 1800 x 600 dpi, 600 x 600 dpi
Printing Speed	General Paper	A4/LT	LEF : G188:(Mono: 40 ppm , F/C: 40 ppm) G189:(Mono: 50 ppm , F/C: 50 ppm)
First Print Speed	Mono		G188:8 sec.or less, G189:7 sec.or less
(A4/LT, LEF, Std. Tray)	F/C		G188:9 sec.or less, G189 8sec. or less
Duplex Printing	A4/LT		more than 95% productivity
	A3		more than 95% productivity
Dimensions (WxDxH, including standard tray)			670 x 670 x 640mm (26.4" x 26.4" x 25.2")
Weight(Base unit)			Less than 97kg
Input capacity	Standard	Std Tray	550 sheets x 2
(80g / m2, 20lb)		Bypass Tray	100 sheets
	Op. Paper Tray	Paper Tray	550 sheets x 1 or 550 sheets x 2 or 550 sheets x 1 + 550 sheets*2
		LCT	2000 sheets
	Max		up to 3,200 sheets total capacity
Output capacity	Standard Tray	Face up	N/A
(80g / m2, 20lb)		Face down	500 sheets(without finisher), 250 sheets(with finisher)
	Op.	3000 Finisher	3000+250 sheets
		Booklet Finisher	1000+150 sheets
		4bin mail box	125x4 sheets
	Max		up to 4,000 sheets total capacity
Input Paper Size	Standard Tray	1st Tray	NA : 8 1/2"x11"(LT) LEF *A5 LEF and B5 LEF are available by SP mode.
		1st Tray (custom size paper)	N/A

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		2nd Tray	A3, B4 SEF, A4 LEF/SEF, B5 SEF/LEF, A5 LEF, 11"x17"(DLTT) SEF, 8 1/2"x14" (LG) SEF, 8 1/2"x11" (LT) LEF/SEF, 7 1/4"x10 1/2" (Executive) SEF/LEF, 8"x13" (F) SEF, 8 1/2"x13" (Foolscap) SEF, 8 1/4"x13" (Folio) SEF, 8K(SEF), 16K(SEF/LEF)
		2nd Tray (custom)	Width: 182–297mm(7.17"-11.69"), Length: 148-432mm(5.83"-17")*2
	Op. Paper Tray	Tray	A3, B4 SEF, A4 LEF/SEF, B5 SEF/LEF, A5 LEF, 11"x17"(DLTT) SEF, 8 1/2"x14" (LG) SEF, 8 1/2"x11" (LT) LEF/SEF, 7 1/4"x10 1/2" (Executive) SEF/LEF, 8"x13" (F) SEF, 8 1/2"x13" (Foolscap) SEF, 8 1/4"x13" (Folio) SEF
		(Custom size paper)	Width: 182–297mm(7.17"-11.69"), Length: 148-432mm(5.83"-17")*2
	LCT	LCT	A4 LEF, 8 1/2"x11"(LT) LEF
		(Custom size paper)	N/A
	Bypass Tray	Bypass Tray	B4 SEF, A4 LEF/SEF, B5 SEF/LEF, A5 LEF/SEF, B6 SEF, A6 SEF, 12"x18"(A3 wide) SEF, A3, 11"x17"(DLTT) SEF, 8 1/2"x11"(LT) LEF/SEF, 8"x13"(F) SEF, 8 1/2"x14" (LG) SEF, 8 1/2"x13" (Foolscap) SEF, 8 1/4"x13" (Folio) SEF, 7 1/4"x10 1/2" (Executive) LEF/SEF, 8K(SEF), 16K(SEF/LEF)
		(Custom Size Paper)	Width: 90–305mm(3.55"-12.00"), Length: 148-1260mm(5.83"-49.60")
Media Type		Tray / LCT	Plain, Recycled paper, Special paper 1to 3, Color paper, Letterhead, Coated paper: Gross Print, Coated Paper, Preprinted, Bond Paper, Card Stock, Middle Thick, Thick Paper 1 to 3, +Custom 1 to 8
		By-pass Tray	Plain, Recycled paper, Special paper 1 to 3, Color paper, Letterhead, Labels, Transperancy, Envelope, Coated Paper: Gloss Print, Coated Paper, Preprinted, Bond Paper, Cardstock, Thin Paper, Middle Thick, Thick Paper 1 to 3, Paper, +Custom 1 to 8
Paper Weight	Paper Tray(Std./Opt)		Bond 16-68lb/60 ~ 256g/m ² *3
	Bypass Tray		Bond 16-68lb/ 60 ~ 256g/m ² *3
	LCT		Bond 16-68lb/ 60 ~ 256g/m ² *3
	Duplex		Bond 16-45lb/ 60 ~ 169/m ² *4
Rating Power Spec.	US version		120V, 60Hz
Power Consumption	US version	Max.	Less than 1440W
		Energy Saver	2.2W

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Warm-up Time			220-240V: Basic model 34 seconds, HDD standard model 48 seconds 120V: Basic model 35 seconds, HDD standard model 50 seconds
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Printer Specifications			
Controller			
CPU			Intel Celeron-M 1.0GHz(AP-G189) 600Mhz(AP-G188)
RAM	Std.		512MB (PC3200 DDR2-SDRAM) (1 slot free)
	Max.		1024MB
Hard Disk Drive	Std.		80GB(AP-G189)
	Option		80GB(AP-G188)
PDL	Std.		RPCS, PCL5c, PCL6, PostScript 3,PDF
	Option		PictBridge
Fonts	Std.		PCL: 45 fonts + International fonts(Cyrillic, Greek, Hebrew, Arabic) 13 fonts PS3:136 fonts
	Option		OCR, Barcode (PCL option)
Connectivity	Host Interface	Std.	USB2.0, USB Host I/F, 100BASE-Tx/10BASE-T
		Option	Parallel Port IEEE1284, Wireless LAN Interface (IEEE802.11a/b/g), Bluetooth, Gigabit Ethernet,
	Network Protocol	Std.	TCP/IP(IPv4,IPv6),SMB, AppleTalk
		Option	IPX/SPX
	MIB support	Private MIB	Ricoh Original
		Standard MIB	MIB-II(RFC1213), HostResource(RFC1514), PrinterMib(RFC1759), SNMPv3(RFC2570)
	Network/Operating Systems		Windows2000/XP/Vista/Server 2003 Netware 3.12, 3.2, 4.1, 4.11, 5.0, 5.1, 6, 6.5 Unix (using Ricoh UNIX filter) Mac OS 8.6-9.2x, OS X 10.1 or later *1 *1: USB print is supported for Mac OS X v.10.3.3 or later For Mac OS ; Plug-in function for Sample Print , Locked Print and User Code is supported 10.4 or later.
Others	DESS Module		Data encryption module (standard)

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Printer Specifications			
Controller Options			
Name	Type		Comments
HDD 80GB	Type 820		New (For G188)
SDRAM 256MB	Type J		New
SDRAM 512MB	Type J		New
IEEE802.11a/g	Type J		G179
IEEE802.11g*	Type K		G179
Bluetooth	Type 3245		Common to G190, G133, B230
Gigabit Ethernet	Type B -		Common to D014, D027/D029
Camera direct print card	Type F		New
Data overwrite security unit	Type M		New
HDD encryption unit	Type D		New
SDK(VM Card)	Type K		New
IEEE1284	Type A		Common to G190, G133,B123, G179
Netware Card	Type A		New
Data Storage Card	Type A		Common with G158
			*EU only

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Options

Option Specifications				
Input Option	550x1 Tray	Paper Size		A5(LEF)-11"x17"(SEF)/A3
		Paper Weight		60-256g/m2, Bond 16-68lb.
	Paper Feed Unit	Paper capacity		550 sheets x 1 tray
		Dimensions		580x620x120mm, 22.9"x24.4"x4.8"
	Model Name :	Weight		Approximately 15 kg (33.1lb.)
	Paper Feed Unit PB3080	Power consumption		55W
	550x2 Tray	Paper Size		A5(LEF)-11"x17"(SEF)/A3
		Paper Weight		60-256g/m2, Bond 16-68lb.
	Paper Feed Unit	Paper capacity		550 sheets x 2 tray
		Dimensions		580 x 620 x 260mm, 22.9" x 24.4" x 10.3"
	Model Name :	Weight		Approximately 26kg(57.4lb.)
	Paper Feed Unit PB3040	Power consumption		60W
	Large Capacity Tray	Paper size		8 1/2" x 11"LEF(LT)/A4 LEF
		Paper weight		60-256g/m2, Bond 16-68lb.
	Model Name :	Paper capacity		2000 sheets
	LCIT PB3050	Dimensions		580 x 620 x 260mm, 22.9" x 24.4" x 10.3"
		Weight		Approximately 26kg(57.4lb.)
		Power consumption		55W
Output option	4bin mail box	Paper size		A5(LEF)-11"x17"(SEF)/A3
		Paper weight		60-128g/m2, Bond 16-34lb
		Paper capacity		more than 125 x 4(80g/m2)
	Model name	Dimensions		435 x 475 x 375mm, 17.2"x18.7"x14.8"
	Mail Bin Type C820	Weight		Approximately 10kg, 22lb
		Power consumption		Approximately 17w
	3000 sheets Finisher	Paper Size:	Proof Tray	5 1/2"x8 1/2"LEF/SEF(HLT) – 11"x17" (DLT), 12"x18"
				A6 SEF, B6SEF, A5SEF/LEF – A3 SEF
	Model name: Finisher SR3030		Shift Tray	5 1/2"x8 1/2"LEF/SEF(HLT) – 11"x17"(DLT), 12"x18"
				A6 SEF, B6SEF, A5SEF/LEF – A3 SEF
		Paper Weight:	Proof Tray	52-163g/m ² / Bond 14-43lb
			Shift Tray	52-256g/m ² / Bond 14-68lb
		Stack Capacity:	Proof Tray	250 sheets (A4 / 8 1/2"x11" or smaller / 80g/m ² / 20 lb)

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Option Specifications				
				50 sheets (B4 / 8 ½"x14" or larger / 80g/m ² / 20lb)
			Shift Tray	3000 sheets (A4 LEF/ 8 ½"x11" (LT) LEF)
				1500 sheets (B5, B4SEF, A4 SEF, A3 SEF, LT SEF, LG, DLT SEF, 12"x18")
				500 sheets (A5LEF)
				100 sheets (A6 SEF, A5 SEF, B6 SEF, HLT SEF)
				[Normal Staple Sort]
				LT LEF, A4 LEF: 60 – 150 sets (50 – 20 sheets/set)
				150 sets (
				2 – 19 sheets/set)
				LT SEF, B5, A4 SEF: 30 - 100 sets (50 - 15 sheets/set)
				100 sets (2 –
				14 sheets/set)
				LG, DLT, B4, A3: 33 - 100 sets (30 – 15 sheets/set)
				100 sets (14 – 2 sheets/set)
				[Mixed Size]
				50 sets (2-30 sheets/set)
				Combination (A3 SEF and A4 LEF), (B4 SEF and B5 LEF), (DLT SEF and LT LEF)
		Staple Capacity	Normal Staple	30 sheets (B4 / 8 ½"x14"(LG) or larger / 80g/m ² / 20lb)
				[Mixed Size]
				30 sheets(A4 LEF and A3), (B5 LEF and B4), (LT LEF and DLT)
				50 sheets(A4, LT or smaller 80g/m ² /20lb)
		Staple Paper Size:	Normal Staple	8 ½"x11" (LT) – 11"x17"(DLT)
				B5 LEF/SEF – A3 SEF
		Staple Paper Weight:	Normal Staple	64-90g/m ² / Bond 17-24 lb
				2 cover sheets/set(163g/m ²) available
		Staple Position:		1 staple / 3 positions
				2 staples / 1 position
		Staple Capacity		5,000pcs. /cartridge

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Option Specifications				
		Punch unit	NA/2 Hole	[Paper size] SEF: HLT – DLT/ A5 – A3, LEF: HLT, LT, A4-A5
		(Optional)		[Paper Weight] 52-163g/m ² / Bond 14 – 43 lb
			3 Hole	[Paper size] SEF: DLT, B4, A3, LEF: LT, B5, A4
				[Paper Weight] 52-163g/m ² / Bond 14 – 43 lb
		Power Consumption:		96W
		Dimension (WxDxH):		25.9"x24.2" x 37.8" / 657 x 613 x 960mm
		Weight:		Approx. 119lb / 54kg w/o Punch Unit
	Booklet Finisher	Paper Size:	Proof Tray	5 ½"x8 ½"LEF/SEF(HLT) – 11"x17" (DLT), 12"x18"
				A6 SEF, B6SEF, A5SEF/LEF – A3 SEF
	Model name:SR3000		Shift Tray	5 ½"x8 ½"LEF/SEF(HLT) – 11"x17"(DLT), 12"x18"
				A6 SEF, B6SEF, A5SEF/LEF – A3 SEF
		Paper Weight:	Proof Tray	52-105g/m ² / 14-28lb Bond
			Shift Tray	52-256g/m ² / 14-68lb Bond
		Stack Capacity:	Proof Tray	100 sheets (A4 / 8 ½"x11" or smaller / 80g/m ² / 20 lb)
				50 sheets (B4 / 8 ½"x14" or larger / 80g/m ² / 20lb)
			Shift Tray	1000 sheets (A4 / 8 ½"x11") B5/80g/m ² /20lb)
				500 sheets (B4/ 8 ½"x11" large/A5LEF / 80g/m ² /20lb)100sheet (A5SEF/B6SEF/5½"x8 ½"LEF/SEF/80g/m ² / 20 lb)
			Normal Staple Sort	LT LEF, A4 LEF:20–100 sets (50 – 10 sheets/set)
				100 sets (2 – 9 sheets/set)
				LT SEF, B5, A4 SEF: 10 - 50 sets (50 - 10 sheets/set)
				100 sets (2 – 9 sheets/set)
				LG, DLT, B4, A3: 10-50 sets (30 – 10 sheets/set)
				50 sets (2 – 9 sheets/set)
			Saddle Stitch Staple Sort	20 sets (2 - 5 sheets/set, all size for saddle stitch)
				10 sets (6 - 10 sheets/set, all size for saddle stitch)
		Staple Capacity:	Normal Staple	[Single Size]
				50 sheets (A4 / 8 ½"x11" or smaller / 90g/m ² / 24 lb)
				30 sheets (B4 / 8 ½"x14" or larger / 90g/m ² / 24lb)

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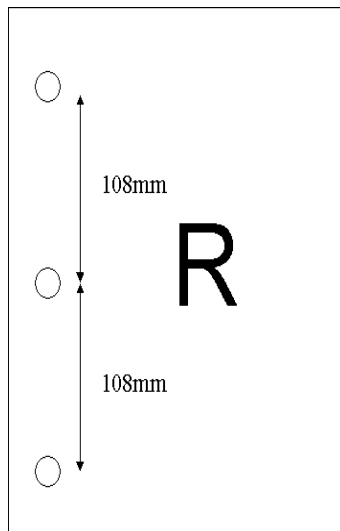
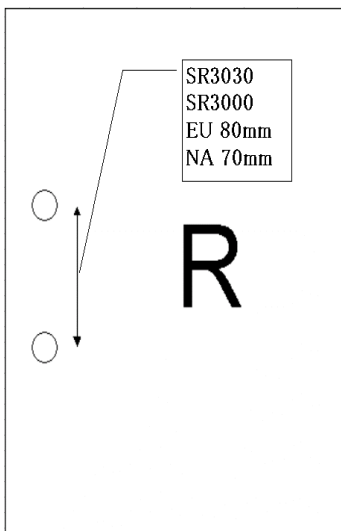
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Option Specifications			
		Saddle Stitch Staple	10 sheets (80g/m ² / 20 lb)
	Staple Paper Size:	Normal Staple	8 ½"x11" (LT) – 11"x17"(DLT)
			B5 LEF/SEF – A3 SEF
		Saddle Stitch Staple	8 ½"x11"(LT) SEF, 8 ½"x14" (LG), 11"x17"(DLT) SEF,, B5 SEF, A4 SEF, B4 SEF, A3 SEF
	Staple Paper Weight:	Normal Staple	17-24lb Bond/ 64-90g/m ² ,
		Saddle Stitch Staple	17-24lb Bond/ 64-90g/m ² ,
	Staple Position:		1 staple / 2 positions
			2 staples / 1 position
	Staple Capacity		5,000pcs. /cartridge
	Punch unit(Optional)	NA	[Paper size] SEF: HLT – DLT/ A5 – A3, LEF: HLT, LT, A4-A5
		2 Hole	[Paper Weight] 14 – 43 lb Bond/ 52-163g/m ²
		3 Hole	[Paper size] SEF: DLT, B4, A3, LEF: LT, B5, A4
			[Paper Weight] 14 – 43 lb Bond/ 52-163g/m ²
	Power Consumption:		60W
	Dimension (WxDxH):		21.1"x23.6" x 36.6" / 535 x 600 x 930mm
	Weight:		Approx. 105.8lb / 48kg w/o Punch Unit
			Approx. 110.2lb / 50kg with Punch Unit

(Punch Hole Position)*Common with 3000 sheet finisher

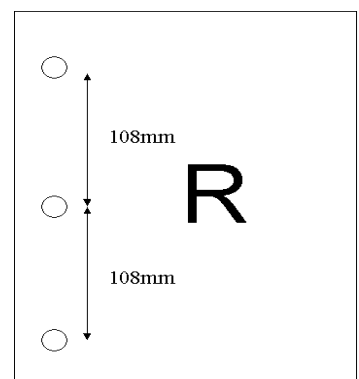
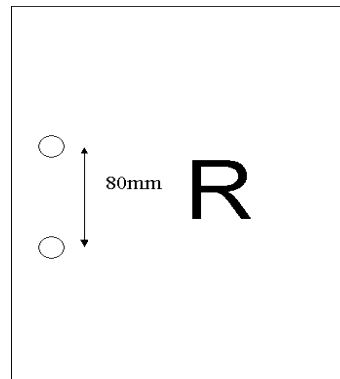
2 hole

3 hole



2 hole

3 hole



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Supported Environments

Windows Environment						
Windows OS	Type	PCL5c	PCL6	RPCS	PostScript3	XPS
Windows 2000	Windows 2000 Professional	Yes	Yes	Yes	Yes *1	No
	Windows 2000 Server	Yes	Yes	Yes	Yes *1	No
	Windows 2000 Advanced Server	Yes*3	Yes*3	Yes*3	Yes *1	No
	Windows 2000 Datacenter Server	No	No	No	No	No
Windows XP	Windows XP Home Edition	Yes	Yes	Yes *2	Yes *1	No
	Windows XP Professional Edition	Yes	Yes	Yes *2	Yes *1	No
	Windows XP Media Center Edition	No	No	No	No	No
	Windows XP Tablet PC Edition	No	No	No	No	No
	Windows XP Professional x64 Edition	Yes	Yes	Yes *2	Yes *1	No
Windows Server 2003	Windows Server 2003 Standard Edition	Yes*3	Yes*3	Yes*3	Yes*1*3	No
	Windows Server 2003 R2 Standard Edition	Yes*3	Yes*3	Yes*3	Yes*1*3	No
	Windows Server 2003 Enterprise Edition	Yes*3	Yes*3	Yes*3	Yes*1*3	No
	Windows Server 2003 R2 Enterprise Edition	Yes*3	Yes*3	Yes*3	Yes*1*3	No
	Windows Server 2003 Datacenter Edition	No	No	No	No	No
	Windows Server 2003 R2 Datacenter Edition	No	No	No	No	No
	Windows Server 2003 Web Edition	No	No	No	No	No
	Windows Server 2003 Standard x64 Edition	Yes	Yes	Yes	Yes	No
	Windows Server 2003 R2 Standard Edition	Yes	Yes	Yes	Yes	No
	Windows Server 2003 Enterprise x64 Edition	Yes	Yes	Yes	Yes	No
	Windows Server 2003 R2 Enterprise x64 Edition	Yes	Yes	Yes	Yes	No
	Windows Server 2003 Enterprise Edition for Itanium-based systems	No	No	No	No	No
	Windows Server 2003 Datacenter x64 Edition	No	No	No	No	No
	Windows Server 2003 R2 Datacenter x64 Edition	No	No	No	No	No

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Windows Server 2008	Windows Server 2008 Standard	Yes*3	Yes*3	Yes*3	Yes*1*3	Yes
	Windows Server 2008 Enterprise	Yes*3	Yes*3	Yes*3	Yes*1*3	Yes
	Windows Server 2008 Datacenter	No	No	No	No	No
	Windows Web Server 2008	No	No	No	No	No
	Windows Server 2008 for Itanium-based Systems	No	No	No	No	No
	Windows HPC Server 2008	No	No	No	No	No
Windows Vista	Windows Vista Home Basic	Yes	Yes	Yes	Yes	Yes*4
	Windows Vista Home Premium	Yes	Yes	Yes	Yes	Yes*4
	Windows Vista Business	Yes	Yes	Yes	Yes	Yes*4
	Windows Vista Enterprise	Yes	Yes	Yes	Yes	Yes*4
	Windows Vista Ultimate	Yes	Yes	Yes	Yes	Yes*4
[Remarks]						
*1...Adobe does not release PS driver for Windows 2000 and XP. Only MS-PostScript driver is available and PPD file for MS-PS is included in the Driver CD.						
*2...RPCS driver does not support "Fast User Switching" function of Windows XP.						
*3...Cluster function is supported.						
*4...Service Pack 1 is recommended						
1-1. Point & Print						
Window OS		Drivers				
Server	Client (Push to)	PCL5c	PCL6	RPCS	PS	XPS
Windows Server 2008	Vista	Yes	Yes	Yes	Yes	Yes
	XP	Yes	Yes	Yes	Yes	No
	W2K Pro	Yes	Yes	Yes	Yes	No
Windows Vista	Vista	Yes	Yes	Yes	Yes	Yes
	XP	Yes	Yes	Yes	Yes	No
	W2K Pro	Yes	Yes	Yes	Yes	No
Windows Server 2003	Vista	Yes	Yes	Yes	Yes	No
	XP	Yes	Yes	Yes	Yes	No
	W2K Pro	Yes	Yes	Yes	Yes	No
Windows XP	Vista	Yes	Yes	Yes	Yes	No

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Professional	XP	Yes	Yes	Yes	Yes	No
	W2K Pro	Yes	Yes	Yes	Yes	No
Windows2000 Professional, Server & Advanced Server	Vista	Yes	Yes	Yes	Yes	No
	XP	Yes	Yes	Yes	Yes	No
	W2K Pro	Yes	Yes	Yes	Yes	No
1-2. Terminal Service and Citrix MetaFrame						
Server	Driver					
	PCL5c	PCL6	RPCS	PS	XPS	
Windows Server 2003	Yes	Yes	Yes	Yes	No	
Windows2000 Server	Yes	Yes	Yes	Yes	No	
Win 2000 Servers + MetaFrame	Yes	Yes	Yes	Yes	No	
[Operating Environments]						
The following combinations of operating system and Citrix MetaFrame are supported:						
[Windows 2000 Server /Advanced Server]						
1. Windows Terminal Service (RDP protocol)						
3. MetaFrame XP 1.0 SP1/SP2/SP3(*2)/FR1/FR2/FR3(*2) (ICA protocol) (*2)SP4,SP3 and FR3 have been newly released.						
[Windows 2003 Server(*3)]						
1. Windows Terminal Service(RDP protocol)						
2. MetaFrame XP 1.0 FR3(*4)(ICA protocol) (*3) Windows 2003 Server information is newly added.						
OS	Citrix Product	Feature		Service Pack		
		Release				
		MetaFrame XP 1.0	non FR			
			SP1			
			SP2			
	FR1	non SP				

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			SP2		
		FR2	non SP		
			SP3		
		FR3	non SP		
	MetaFrame Presentation Server3.0	non FR	non SP		
	Citrix Presentation Server4.0	non FR	non SP		
Windows Server 2003	MetaFrame XP 1.0	FR3	non SP		
	MetaFrame Presentation Server3.0	non FR	non SP		
	Citrix Presentation Server4.0	non FR	non SP		
2. MAC OS					
	PostScript3	Printer Utility for MAC			
Mac OS 8.6 - 9.2.X (OS X Classic)	Yes	Yes			
Mac OS X Native (10.1, 10.2, 10.3 or Later) *1	Yes	Yes *2			
[Remarks]					
*1: Mac OS X 10.0.X is not supported.					
Plug-in function for "Sample Print", "Locked Print" and "User Code" is supported from Mac OS X 10.2 and later.					
*2: Mac OS X 10.2.0 is not supported.					
IP over 1394 is supported from Mac OS X 10.3 and later.					
3. UNIX environment					
Unix Filter					
Supported Platforms (OS)		Network Installation		Device Option Support *	
	Sun Solaris	2.6 / 7 / 8 / 9		2.6 / 7 / 8 / 9	
	HP-UX	10.X / 11.X / 11iv1 / 11i		10.X / 11.X / 11iv1 / 11i	
	SCO OpenServer	5.06		5.06	
	RedHat Linux	6.X / 7.X / 8.X / 9.X / Enterprise		7.X / 8.X / 9.X / Enterprise	
	IBM AIX	V4.3 / 5L V5.1 / 5L V5.2		V4.3 / 5L V5.1 / 5L V5.2	

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	Data Stream	PostScript, PCL, ASCII Text			
	Localization	English only			
* Device Option feature is not supported in PCL.					
[Remarks]					
Supported schedule: TBA					
4. Novell NetWare					
NetWare Server	Supported Version	NetWare 3.12, 3.2, 4.1, 4.11, 5.0, 5.1, 6, 6.5			
	Client OS	Windows 2000, XP (Professional)			
5. SAP R/3 environment					
Supported environment	R/3 version	3.x or later (4.x = Supported, 3.x, 6.x = Compatible)			
	Platform	Independent			
	PDL	PCL Command			
	Character Set	Latin 1(Western European), Latin 2 (Eastern European)			
	Localization	English only			
Supported features*	i.e: Input/Output Bin, Duplex, Stapling, Punching, Resolution, Collation, EconoMode/TonerSaving, Smoothing, Page Protect, Auto Tray Change/Opt Tray select				
Supported Barcode & OCR Fonts*	Barcode Fonts (Support Latin 1 only)	Code 128, Code 39, Code 93, Codabar, 2 of 5 interleaved/Industrial/Matrix, MSI, USPS, UPC/EAN			
	OCR Fonts	OCR A, OCR B			
* Need to purchase Barcode & OCR Package (=BOP)					
*Please refer to the customer documentation for the supported features of each model.					

Utility Software

Bundled Utility		
#	Utility Name	Support Status
1	SmartDeviceMonitor for Admin	YES
2	Printer Utility for Mac	YES*1
3	DeskTopBinder Lite	YES

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4	Font Manager 2000	YES
5	Web Image Monitor(embedded web server)	YES
*1... Mac OS X v.10.0x, v 10.2.0 is not supported		
Optional Utility		
#	Utility Name	Support Status
1	DeskTopBinder Professional	YES
2	Web SmartDeviceMonitor	YES

Print Driver Information

	PCL 6	PCL 5c	RPCS	PostScript3			XPS
				Windows 2000 / XP	Mac OS 8.6-9.2	Mac OSX 10.1 ~	
Job Binding	No	No	Yes	No	No	No	No
Send to Document Server	No	No	No	No	No	No	No
Sample Print	Yes*4	Yes*4	Yes*4	Yes*4	Yes*4	Yes*4*5	Yes*4
Locked Print	Yes*4	Yes*4	Yes*4	Yes*4	Yes*4	Yes*4*5	Yes*4
Hold Print	Yes*4	Yes*4	Yes*4	Yes*4	Yes*4	Yes*4*5	Yes*4
Stored Print	Yes*4	Yes*4	Yes*4	Yes*4	Yes*4	Yes*4*5	Yes*4
Stored Print (Shared)	Yes*4	Yes*4	Yes*4	No	No	No	No
Stored and Normal Print	Yes*4	Yes*4	Yes*4	Yes*4	Yes*4	Yes*4*5	Yes*4
Stored and Normal Print (Shared)	Yes*4	Yes*4	Yes*4	No	No	No	No
Mask Type for Copying	No	No	Yes	No	No	No	No
Data Security for Copying	No	No	Yes	No	No	No	No
Reduce/Enlarge (Scaling)	No	No	Yes	Yes	Yes	Yes	Yes
Reduce/Enlarge Centering	Yes	Yes	Yes	No	No	No	No
Collate	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Layout (N-up)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Poster	No	No	Yes	No	Yes	No	No
Duplex	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Punch	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Staple	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Front Cover Sheet	Yes	Yes	Yes	No	Yes*1	Yes*1	No
Front and Back Cover Sheets	No	No	No	No	No	No	No
Slip Sheet	Yes	Yes	Yes	No	No	No	Yes
Chaptering (Page Layouting)	No	No	No	No	No	No	No
Chaptering (Single Page Inserting)	No	No	No	No	No	No	No

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Chaptering (Page Block Inserting)	No	No	No	No	No	No	No
User Defined Pages	No	Yes	No	No	No	No	No
Tab Stock Printing	No	No	No	No	No	No	No
Mirror Image Print	No	No	No	Yes	No	No	No
Negative Image Print	No	No	No	Yes	No	No	No
Dithering	Yes	Yes	Yes	Yes	Yes	Yes	No
Edge Smoothing	No	No	No	No	No	No	No
Toner Saving	No	No	Yes	Yes	Yes	Yes	Yes*7
Watermark	Yes	Yes	Yes	Yes*2	Yes	Yes*2	No
Form Overlay	No	No	No	No	No	No	No
Header/Footer	No	No	Yes	No	No	No	No
Adjust image position	No	No	Yes	No	No	No	No
Binding Margins	No	No	Yes	No	No	No	No
User ID	Yes	Yes	Yes	Yes	Yes	Yes*5	Yes
User Code	Yes	Yes	Yes	Yes	Yes	Yes*5	Yes
Classification Code	Yes	Yes	Yes	No	No	No	No
Rotate Print	Yes	Yes	Yes	Yes	No	No	Yes
Reverse Order Print	No	No	Yes	Yes	Yes	Yes	Yes
Do not print Blank pages	No	No	Yes	No	No	No	No
Edge to Edge Print	Yes *6	Yes *6	Yes *6	No	No	No	No
*1: FirstPage/OtherPage							
*2: custom "Watermark Name" is not available							
*3: HDD or optional Memory is required.							
*4: HDD is required.							
*5: Supported only for Mac OSX10.2 or later							
*6: Supported only with driver and controller							
*7: This mode only works for B&W printing.							

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Counters

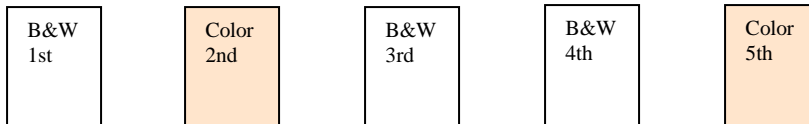
Total Counter Access

Press **Menu**
Select **Counter**
Select **Print**

Counter Information

In B&W mode, B&W pages printed after a color page is counted as black and white. In ACS mode, these pages are counted as color mixed pages.

By default, once the ITB (image transfer belt) unit has moved into contact with all the color drums to print a color page, it remains in this position throughout the end of the job, even if there are B&W pages following the color page. (See Note 2 below). For example, when sending 5 pages as one print job and the second page and fifth page contain color data, the ITB unit moves into contact with all the color drums just before printing the second page. It then remains in contact with the drums until all 5 pages have been printed out.



In this example, the counters would then increment as shown in the table below.

SP Number	Counter	Counter Value
SP8-581-004	D: Color	6
SP8-581-005	D: B&W	5
SP8-581-008	P: Color	2
SP8-581-009	P: B&W	3

D: Developments (Color = CMY drums, B&W = Bk drum)
P: Print

Note 1: The counters count up in the manner explained above, in order to accurately reflect the number of color and B&W outputs made. This means that when printing B&W pages after a color page has been printed, the color counters do not count up (even when the color drums and development units rotate). So the usage of the various drums is not reflected accurately.

Note 2: On this model, there is an SP mode (Sp2-907-002: ACS On/Off Setting) which makes it possible to move the ITB back to the default position, separated from the four drums, in the middle of a job. The default is 0 (ACS Off), which produces the same result, as with previous products, which use ACS, i.e. once the ITB contacts the four drums to print a color page, it does not separate from the drums until job end.

And there is an SP mode (SP2-907-001: Continuous Bk Pages). The values of this SP set the number of Bk sheets that need to pass the ITB consecutively for the ITB to return to default position. For example, with a setting of 3, the ITB will separate from the drums after three consecutive Bk sheets are printed (at that time, in the middle of the job). Changing the position of the ITB takes a few seconds and increases the wear on the drums.

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Counter Specifications

Development Counter (default)

Application	Mode		BK Counter	CMY Counter
**Print	Color	Sensed as Color	+1	+3
		Sensed as B&W	+1	
	B&W		+1	

How to count up Basic Color in Single Color / Two Color mode.

Toner(s) which is (are) actually used	BK Counter	CMY Counter
BK + one of CMY	+1	+1
BK + two of CMY	+1	+2
BK + C + M + Y	+1	+3
One of CMY		+1
Two of CMY		+2
C + M + Y		+3

Print count

Application	Mode		FC Copy Counter	BK Copy Counter	FC Print Counter	BK Print Counter	FC Total Counter	BK Total Counter
**Print	Color	Sensed as Color			+1		+1	
		Sensed as B&W				+1		+1
	B&W					+1		+1

Total Counter decimal places: 7

****Note:** For jobs printed in Photographic or DTP (Desktop Publisher) modes, Black text will be processed as process black (CMY). These copies will be counted as color output.

Paper

Recommended Throughput Material

TBA

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Non Recommended Throughput Material

Refer to pages in the Operators Instructions Hardware Guide.

Do not use any of the following kinds of paper or a fault might occur:

- Aluminum Foil, Carbon paper,
- Conductive paper
- Paper meant for an inkjet printer
- Bent, folded, or creased paper
- Torn paper
- Thermal fax paper
- Art paper
- Paper with perforated lines
- Hemmed-edge paper
- Tab stock
- Slippery paper
- Perforated paper
- Rough paper
- Thin paper with little stiffness
- Paper with a dusty surface

Special Paper

Not Applicable

Firmware Information

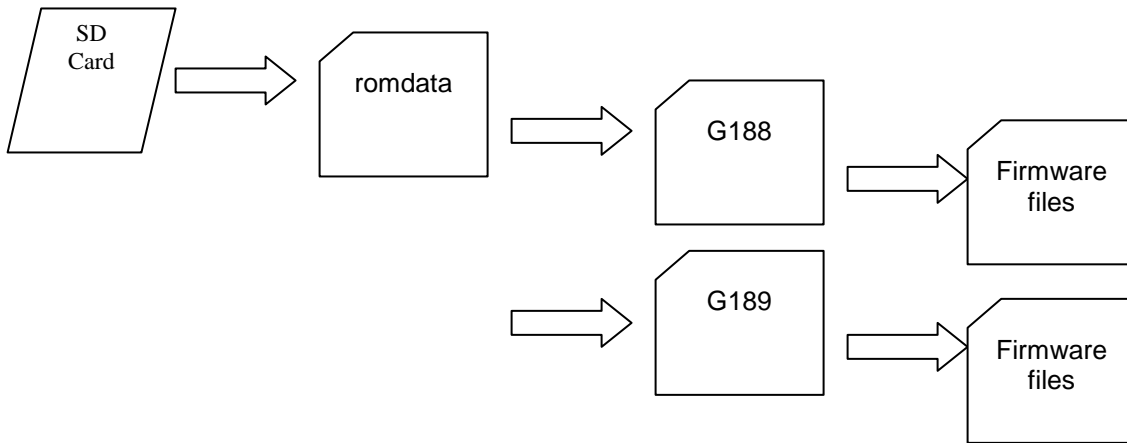
Firmware

Firmware SD Card	Firmware Type
G188_Engine_vXX	Engine
G188_NetworkDocBox_vXX	Network DocBox
G188_NetworkSupport_vXX	Network Support
G188_OptionalNetwork_vXX	Option Netware
G188_OptionalPCL_vXX	Option PCL
G188_PictBridge_vXX	PictBridge
G188_PowerSaverSys_vXX	PowerSaving Sys SubSystem
G188_Printer_vXX	Printer(for G188)
G189_Printer_vXX	Printer(for G189)
G188_PS3_vXX	PS3/PDF
G188_RPCS_vXX	RPCS
G188_System_vXX	System(for G188)
G189_System_vXX	System(for G189)
G188_WebSupport_vXX	Web Support

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SD Card Arrangement



Contact Information

Name	Contact
Technical Services Call Center (Hotline)	Ricoh: (800) 537-4264 Savin/Gestetner: (800) 291-6044 Lanier: (800) 333-3147
Application Help Desk (Software Issues)	Ricoh Phone Card: 2 Call - 000781MIU, 5 Call - 000900MIU Savin Phone Card: 2 Call - 12992, 5 Call - 12993 Gestetner Phone Card: 2 Call - 12994, 5 Call - 12995
National Reclamation Center	(800) 557-4264 http://www.nrc-usa.com
Technology Solutions Center Web Site	http://www.tscweb.net
Configurator	http://www.connectivity-cafe.com
Ricoh Web Site	http://www.ricoh-usa.com/
Savin iLINC Web Site	http://www.savin.com
Headquarter Web Sites	Ricoh Corporation: http://www.ricoh-usa.com Savin Corporation: http://www.savin.com Gestetner Corporation: http://www.gestetnerusa.com/ Lanier Corporation: http://www.lanier.com
Material Safety Data Sheets	(800) 336-MSDS (6737)
Ricoh University	973.882.2200. http://www.ricohuniversity.com

Product Support Guide

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Training Information

Documentation

Description	EDP Code	RFG E-Source Number
G188/G189 Service Manual	004261MIU	rfg037258
G188/G189 Point to Points	004263MIU	rfg037259
G188/G189 Operating Instruction Manual	n/a	rfg037260
G188/G189 Parts Catalog	004262MIU	rfg037261
G188/G188 Service Documentation Update Package	004260MIU	n/a

Please refer to the <http://www.ricohuniversity.com/> web site for the most up to date training information.

Please be aware that once a model or series is out of production, the Field Service Manual, Technical Service Bulletins and Ricoh University should be referenced for the most current information. Check the TSC website and e-source.

Update Certified Service Personnel

TBA

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Revisions

1.0 Original

1.1 Minor correction to Model numbers and elimination of SPC821DNT3 (406557)

1.2 removed Duty Cycle Info