



TECHNICAL BULLETIN CS 420i/520i

SUBJECT:

BULLETIN INDEX

10/20/09

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BULLETIN #

NEW MODEL PRODUCT INFORMATION.....1

TABLE OF CONTENTS

INTRODUCTION	1
GENERAL INFORMATION	1
DEALER LIMITED WARRANTIES FOR CS 420i / CS 520i.....	2
WARRANTY RETURNS.....	3
PRODUCT TRAINING	3
SERVICE DOCUMENTATION	4
ACCESSORY / OPTIONS	5
MAXIMUM MONTHLY VOLUME.....	5
MEMORY SPECIFICATIONS AND REFERENCE.....	6
YIELDS OF SUPPLY ITEMS & COST PER COPY	6
FIRMWARE INFORMATION	6
NEW & REPAIR PRINTED CIRCUIT BOARDS	7
MAINTENANCE KIT YIELDS & COST PER COPY	8
MAINTENANCE KIT CONTENTS	8
CS 420i/520i MACHINE SPECIFICATIONS.....	9
CS 420i/520i MACHINE SPECIFICATIONS (Continued)	10
BTU's	15
POWER CONSUMPTION	15
INSTALLATION REQUIREMENTS	16
WEIGHT AND DIMENSIONS	16
MACHINE SPACE REQUIREMENTS	16
UTILITIES	17
PRINT DRIVERS	18
PRODUCT CONFIGURATION	19
PRODUCT CONFIGURATION	20
(continued)	20
ON-LINE ACTIVATION OF OPTIONS	22
LICENSE KEY PROCEDURE	23



RECOMMENDED ACTION FOR FIELD MACHINES

- | | |
|-----------------------------------|--|
| <input type="checkbox"/> AT SETUP | <input type="checkbox"/> NEXT SERVICE CALL |
| <input type="checkbox"/> NEXT PM | <input checked="" type="checkbox"/> INFORMATION ONLY |

TECHNICAL BULLETIN CS 420i/520i

Bulletin # CS 420i/520i-01	Model CS 420i/520i	Date 10/20/09
Updated Serial Number From introduction		
Subject NEW MODEL PRODUCT INFORMATION		
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INTRODUCTION

Technical Services is pleased to announce the introduction of the Copystar CS 420i/520i High Speed B&W MFP's. The CS 420i/520i can be configured with a choice of three different Finishers; High Capacity Paper Feed Options, G3 Fax System, Data Security, etc. See Page 5 for a list of all available Accessories.

Key Features are as follows:

CS 420i: 42 CPM (Letter)
Standard Print Controller, PowerPC750CXe 600MHz

CS 520i: 52 CPM Letter)
Standard Print Controller, PowerPC750CXe 600MHz

- 2GB Standard shared System Memory (not upgradeable)
- Standard Hard Drive 160GB
- Standard Scan System
- Standard Duplex Unit
- Energy Star Compliant



It is Important at Setup to always download and install the most current Firmware Upgrade Pack posted on KMAconnect. New Firmware is available and ready for download.

GENERAL INFORMATION

Product Name	420i/520i
Product Code	2KR/2KS
Product Training	Learning Center on KMAconnect
Diagnostic Center Contact Number	1-800-255-6482
Software Solution Group Email	software_solution@kyoceramita.com
KMAconnect Web Site	kmaconnect.com
KMAconnect Help Desk	dealersupport@kyoceramita.com
Kyocera Mita Web Site	kyoceramita.com
Kyocera Technical Support (Email)	support@kyoceramita.com
Material Safety Data Sheet	Available on KMAconnect
National Processing Center (Customer Service)	1-866-596-2372 or customer_service@kyoceramita.com
National Training Center	training@kyoceramita.com

**DEALER LIMITED WARRANTIES FOR CS 420i / CS 520i
MULTIFUNCTIONAL PRODUCTS**

Copystar, a Division of Kyocera Mita America, Inc. ("Copystar") warrants its Multifunctional Products (referred to herein as "MFP") to Authorized Dealers as follows:

Mainframes and Accessories. The MFP's mainframe and accessories are warranted against defects in workmanship and material under normal use and service for a period of 36 months from installation with first end-user, or 39 months from Copystar's invoice date to Dealer, or the specified number of copies/prints as listed below, whichever occurs first (referred to herein as "MFP Warranty Period"). Copystar's obligation hereunder is expressly limited to providing Dealer with the parts required to repair the MFP or crediting Dealer's account for the cost of said parts, at Copystar's election.

Maintenance Kits. Maintenance Kits consist of the developing unit, the drum unit, and the fixing unit. Components of Maintenance Kits included with the original MFP are warranted against defects in material and workmanship for a period of 36 months or the specified number of copies/prints listed below, whichever occurs first (referred to herein as the "Original Maintenance Kit Copy Allowance"). Replacement Maintenance Kits purchased and installed after the Original Maintenance Kit Copy Allowance has expired, shall have a limited warranty for the specified number of copies/prints listed below, or until the Original MFP Warranty Period expires, whichever occurs first. To be covered by this warranty, the Replacement Kits must be installed and registered within 30 calendar days or 10% of the Maintenance Kit copy allowance, whichever occurs first from the expiration of the previous maintenance kit's warranty. Replacement Maintenance Kits purchased and installed after the MFP Warranty Period has expired, shall have a limited warranty of 90 days.

These warranties do not cover MFPs or components of Maintenance Kits which: (a) have become damaged due to operator negligence, misuse, accidents, improper storage or unusual physical or electrical stress, (b) have used parts or supplies which are not genuine Copystar brand parts or supplies, (c) have been installed or serviced by a technician not employed by Copystar or an Authorized Copystar Dealer, (d) have had the serial number modified, altered, or removed, or (e) Dealer fails to register the installation information for the MFP with Copystar utilizing **KMAconnect**.

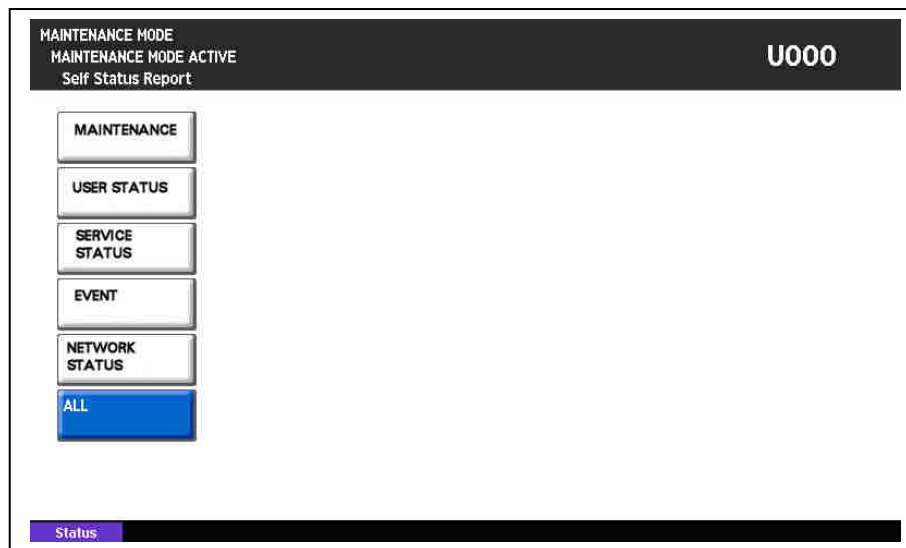
THESE WARRANTIES SHALL BE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. COPYSTAR SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES WHICH MAY ARISE OUT OF THE USE OF, OR INABILITY TO USE, THE MFP.

MFP MODEL	COPIES/PRINTS	ORIGINAL MAINTENANCE KIT COPY ALLOWANCE
420i	3,000,000	500,000
520i	3,000,000	500,000

WARRANTY RETURNS

To make it easier for Kyocera to process your Warranty Claim and verify other key information, the **Maintenance Report (five pages)**, **User Status (one page)**, **Service Status (two pages)**, **Event Log (one page)** and **Network Status Pages (three pages)** must be included with the returned item.

All Five Reports can be printed under Maintenance Mode 000, by selecting “ALL”. If all 12 pages are not included with your Warranty Claim, credit will be declined.



PRODUCT TRAINING

Product Training	Automatic Certification/Online Training
Prerequisites	<ol style="list-style-type: none"> 1. 3050/4050/5050 and 250ci/300ci/400ci/500ci, Automatic Certification 2. 3050/4050/5050 Only, Online Training required

Dealer Technicians who are classroom Trained and Certified on the 3050/4050/5050 and the 250ci/300ci/400ci/500ci are considered Certified on the 420i/520i.

Dealer Technicians who are Classroom Trained on the only the 3050/4050/5050 must complete an Online Update Video available at the Learning Center on KMAconnect to become certified on the 420i/520i.

To participate in the On-line Training, a 420i or 520i is required. The Dealership can place its first order for the training equipment prior to authorization. Additional equipment purchases of the 420i/520i require that at least one Technician has completed the On-Line Training Course with an overall score of 80% or higher.

New Dealers and Technicians who do not meet the prerequisites must attend the 5 day 420i/520i Classroom Training which will be held at the National Training Center in Dallas.

SERVICE DOCUMENTATION

Description	Part Number
CS 520i/420i Service Manual	Available on KMAconnect
CS 520i/420i Parts List	Available on KMAconnect
520i/420i Operation Guide	Available on KMAconnect
DF-760/DF-760(B) MT-720/MT-720(B) BF-720 PH-5A/5C/5D Service Manual Rev-2	Available on KMAconnect
DF-760/DF-760(B) MT-720/MT-720(B) BF-720 PH-5A/5C/5D Parts List	Available on KMAconnect
DP-750/760 PF-720/720(B) PF-760 DF-780/DF-780(B) DF-720/720(B) JS-700/700(B) Fax System (S) Service Manual	Available on KMAconnect
DP-750/760 PF-720/720(B) PF-760 DF-780/DF-780(B) DF-720/720(B) JS-700/700(B) Fax System (S) Parts List	Available on KMAconnect
DF-760/BF-720/MT-720/PH-5A/5C/5D Operation Guide	Available on KMAconnect
DF-780 Operation Guide	Available on KMAconnect
Data Security Kit (E) Operation Guide	Available on KMAconnect
Twain/WIA Driver Operation Guide Rev-1	Available on KMAconnect
TASKalfa 520i/420i Printer Driver User Guide 10.5	Available on KMAconnect
Kyocera Command Center Rev 4.8W	Available on KMAconnect
Scan to SMB (PC) Setup Guide Rev-3	Available on KMAconnect
Network Fax Driver Operation Guide Rev-2	Available on KMAconnect
Kyocera Command Center Operation Guide Ver. 5.2W	Available on KMAconnect
KM-NET for Direct Printing Ver. 2.9	Available on KMAconnect
Fax System (S) Operation Guide	Available on KMAconnect
KM-NET Viewer User Guide Rev-1.0	Available on KMAconnect
KPrint Installation Instructions	Available on KMAconnect
PRESCRIBE Commands Technical Reference Operation Guide Rev.4.7	Available on KMAconnect
PRESCRIBE Commands Command Reference Operation Guide Rev.4.8	Available on KMAconnect

ACCESSORY / OPTIONS

Item	Part Number	Description
DP-750 (B)	1203LL6KL1	Reversing Automatic Document Processor (RADF)
DP-760 (B)	1203LK6KL1	Dual Scan Document Processor
PF-720 (B)	1203LM2US1	Dual 500 Sheet Paper Trays
PF-760 (B)	1205H82US1	3,000 Sheet Large Capacity Paper Tray
DF-780 (B)	1205JA0UN1	1,000 Sheet Finisher
DF-760 (B)	1203LT0UN1	3,000 Sheet Finisher
BF-720	1203LV0UN0	Booklet Folder for 3,000 Sheet Finisher
JS-700 (B)	1203KB0UN2	Job Separator
MT-720 (B)	1203LW0UN1	7 Bin Mailbox for 3,000 Sheet Finisher
DF-720 (B)	1203J30UN3	Internal Finisher
AK-700	1703JY0U10	Attachment Kit (Required for installation of DF-760B or DF-780B)
PH-5A	1203KA2US0	2/3 hole Punch Unit for 3,000 Sheet Finisher
SH-10	1903JY0000	Staple Cartridge for DF-760/BF-720/DF-780
DT-710	1902H70UN0	Original Hard Copy Holder
Set, Stapler	5AX82010	Staples for DF-720 (B)
Internet Fax Kit (A)	1703MC0UN0	Internet Fax Kit (Requires Fax System (S))
Fax System (S)	1505JP2US0	Fax/Network Fax Kit
MM-16-128	1503MB0UN0	Fax Memory 128MB
Data Security Kit (E)	1503MS0UN0	Hard Drive Encryption/Overwrite Kit
Printed Document Guard Kit (A)	1703L90UN0	Printed Document Guard Kit (A)
Platen Cover Type E	1202H70UN0	Platen Cover Type E
Stand	855D200291	MFP Stand
Key Counter	302A369708	Key Counter
Key Counter Set	302A369708	Key Counter Set

(B) Version Accessories are backwards compatible with the 500ci Series.
Non-B Versions of the Accessories are NOT compatible with the 420i/520i.

MAXIMUM MONTHLY VOLUME

520i MAX. MONTHLY VOLUME
200,000 Pages

420i MAX. MONTHLY VOLUME
150,000 Pages

MEMORY SPECIFICATIONS AND REFERENCE

Memory Type	Standard	Maximum
System Memory Not upgradeable	2GB	2GB
Hard Drive	160GB	160GB
Fax Memory	12MB Built in	12MB +128MB DIMM = 140MB

YIELDS OF SUPPLY ITEMS & COST PER COPY

Description	Part Number	Yield / 5%	Price	CPC
Toner TK-719K 1900g	1T02GR0CS0	34,000 pages	\$95.17	0.002799

FIRMWARE INFORMATION

Version (Shown on the Status Page)	Description	Location
Initial Upgrade Pack		(Flash) Available on KMAconnect
2KS_2F00.001.076	MAIN	
2KS_7000.001.074	MMI	
2KS_1000.002.002	ENGINE	
2KS_1200.001.013	SCANNER	
2KS_81BR.001.013	OPTION LANGUAGE BR	
2H7_F000_.001.015	BROWSER	
5JP_5000.001.022	FAX BOOT	
5JP_5100.001.022	FAX APL	
5JP_5200.001.022	FAX IPL	
2KSH000.002.002	Solution Framework	

Version (Shown on the Status Page)	Description	Location	Location
Initial Option Upgrade Pack			(Flash) Available on KMAconnect
3LK_9500.008.005	DP	DP-750B/760B common	
3LM_9000.002.001	500X2	PF-720B	
5H8_9000.003.002	3000PF	PF-760B	
5JA_9200.004.006	1000DF	DF-780B	
3LT_9600.005.003	3000DF	DF-760B MAIN	
3LT_9600.006.001	3000DF MIDDLE	DF-760B MIDDLE	
3LW_9800.003.001	MAIL BOX	MT-720B	
3J1_9700.002.001	BOOKLET	BF-720	
3J3_9200.003.001	INNER DF	DF-720B	

Note: At Setup, Technical Services recommends downloading the current Upgrade Pack Firmware from KMAconnect and to periodically check for new updates to install.

NEW & REPAIR PRINTED CIRCUIT BOARDS

PCB NAME	NEW PCB P/N	REPAIR PCB P/N	REPAIR PCB PRICE *
Parts PWB Engine SP	302KS94060	855RB00164	\$114.10
Parts Main PWB Ass'y SP	302KS94010	855RB00165	\$391.84
Parts PWB Panel Left Ass'y SP	302H794120	855RB00114	\$24.86
Parts PWB Panel Right Ass'y SP	302H794160	855RB00115	\$27.29
LVU 100	302GR45011	855RB00046	\$131.80

*** Repair PCB Price includes credit issued after return of old Board.**

Defective PCB's being returned within the 3-Year warranty period must be returned to the **National Return Center** utilizing the **Parts Warranty Registration & Return System** on KMAconnect. Print out the Return Authorization form obtained through the system and return it with the Circuit Board for Credit. Any associated mounting brackets, hardware, system software and original packaging must be included with the claim. Credit will then be issued to your account.

For defective PCB's out of warranty, a Repair PCB must be ordered from the Parts Distribution Center. The dealer will be charged 100% of the New PCB price. The defective PCB can be returned using the **Online Repair Board Core Form** within 30 days of the Repair PCB invoice date. Upon receipt of the defective PCB at the National Return Center, the dealer will be credited 55% of the New PCB price. If a New PCB is ordered instead of a Repair PCB, credit will not be issued for the returned defective PCB.

All Part Numbers and Pricing subject to change without notice.

MAINTENANCE KIT YIELDS & COST PER COPY

Description	Part Number	Yield	Price	CPC
MK-726 (Maintenance Kit)	1702KR7US0	500K	\$300.00	0.0006

MAINTENANCE KIT CONTENTS

Description	P/N	Qty
Pulley Paper Feed	2AR07220	2
Pulley Separation	2AR07230	3
Pulley Feed A	2BJ06010	3
Under Cleaner Registration	2BL07950	1
Guide Registration F	2BL16130	2
Parts Registration Clean	2BL93450	1
TR-710	302GR93281	1
Parts Guide Transfer	302GR94481	1
Label Drum Caution J	2FG05070	1
Label Drum Caution E1	2FG05080	1
Label Drum Caution E2	2FG05090	1
Label Drum Caution A	2FG05100	1
Label Drum Caution CN	2FG05110	1
DLP Unit	302GR93033	1
Parts Fuser 120 Unit	302KS93010	1
DK-716	302GR93041	1
Upper Pulley Bypass	61706770	1
Pad Cassette	66107100	2

* Contents and Items Numbers Subject to Change without Notice.

CS 420i/520i MACHINE SPECIFICATIONS

Type	Desktop
Printing method	Electrophotography by semiconductor laser,
Supported original types	Sheets, books and three-dimensional objects
Original feed system	Maximum original size: A3/Ledger
Paper weight	Fixed
Paper type	Cassette : 60 to 105 g/m ² , 16~28lb. Bond MP tray : 45 to 200 g/m ² , 12~53lb. Bond, 53lb. Bond=110lb. Index Cassette: Plain, Rough, Vellum, Recycled, Preprinted, Bond, Color, Prepunched, Letterhead, High Quality, Custom 1 to 8 (Duplex: Same as Simplex) MP tray: Plain, Transparency (OHP film), Rough, Vellum, Labels, Recycled, Preprinted, Bond, Cardstock (Hagaki), Color, Prepunched, Letterhead, Thick, Envelope, High Quality, Custom 1 to- 8
Paper size Statement,	Cassette: A3, B4, A4, A4R, B5, B5R, A5R, Ledger, Legal, Letter, LetterR, Oficio II, 8.5 x 13.5", Folio, 8K, 16K, 16KR MP tray: A3, B4, A4, A4R, B5, B5R, A5R, B6R, A6R, Ledger, Legal, Letter, LetterR, ExecutiveR, Statement, Oficio II, 8.5 x 13.5", Folio, 8K, 16K, 16KR, Postcards (100 x 148 mm), Return postcard (148 x 200 mm), Envelope DL, Envelope C5, Envelope C4, Envelope #10 (Commercial #10), Envelope #9 (Commercial #9), Envelope #6 (Commercial #6 3/4), Monarch, ISO B5, Youkei 2, Youkei 4
Zoom level	Manual mode: 25 to 400%, 1% increments Auto mode: Preset zoom
Printing speed	42 ppm model A4/Letter: 42 sheets/min. A4R/LetterR: 27 sheets/min. A3/Ledger: 23 sheets/min. B4/Legal: 23 sheets/min. B5: 42 sheets/min. B5R: 22 sheets/min. A5R: 16 sheets/min. 52 ppm model A4/Letter: 52 sheets/min. A4R/LetterR: 31 sheets/min. A3/Ledger: 26 sheets/min. B4/Legal: 26 sheets/min. B5: 52 sheets/min. B5R: 24 sheets/min. A5R: 18 sheets/min.
First copy time	3.9 s or less
Warm-up time	Room temperature 22°C/71.6°F, 60% RH Power on: 30 s or less Sleep mode: 15 s or less
Paper capacity	Cassette : 500 sheets (80 g/m ²), 21lb. MP tray : 200 sheets (80 g/m ²), 21lb.
Output tray capacity	Top tray : 250 sheets (80 g/m ²) When built-in finisher installed: 150 sheets (80 g/m ²), 21lb When job separator installed: 250 sheets (80 g/m ²), 21lb.
Continuous copying	1 to 999 sheets
Light source	Inert gas lamp
Scanning system	Flat bed scanning by CCD image sensor

CS 420i/520i MACHINE SPECIFICATIONS (Continued)

Photoconductor	a-Si (drum diameter 40 mm)
Image write system	Semiconductor laser and electrophotography
Charging system	Single positive corona charging
Developing system	Dry, reverse developing (single component system) Developer: 1-component, magnetism toner Toner replenishing: automatic from a toner container
Transfer system	Transfer roller
Separation system	Curvature separation and separation electrode
Cleaning system	Cleaning blade and roller
Charge erasing system	Exposure by cleaning lamp
Fusing system	Heat roller Heat source: halogen heaters Abnormally high temperature protection devices: thermostats
Main memory	Standard : 2048 MB Maximum: 2048 MB
Hard disk	160 GB
Interface	USB interface connector: 1 (USB Hi-speed) USB memory slot: 2 (Full-speed USB) Network interface: 1 (10 BASE-T/100 BASE-TX) Optional interface: 2 (KUIO/W)
Resolution	600 x 600 dpi
Operating environment	Temperature: 10 to 32.5°C/50 to 90.5°F Humidity: 15 to 80% RH Altitude: 2500 m/8,202 ft maximum Brightness: 1500 lux maximum
Dimensions	599 (W) x 646 (D) x 745 (H) mm (main unit only) 23 9/16" (W) x 25 7/16" (D) x 29 5/16" (H) (main unit only)
Weight	85 kg/187 lbs
Space required	753 (W) x 646 (D) mm (using MP tray) 29 5/8" (W) x 25 7/16" (D) (using MP tray)
Power source	120 V AC, 60 Hz, 12 A 220 to 240 V AC, 50 Hz, 6.3 A

Printer functions

Printing speed	Same as copying speed
First print time	4.8 s or less
Resolution	600 dpi
Operating system	Windows 2000 (Service Pack 2 or later), Windows XP, Windows Server 2003, Windows 7 Windows Vista, Apple Macintosh OS 10.x
Interface	USB interface connector: 1 (USB Hi-speed) Network interface: 1 (10 BASE-T/100 BASE-TX)
PDL	PRESCRIBE, PCL, KPDL

Scanner functions

Operating system	Windows 2000 (Service Pack 2 or later), Windows XP, Windows Vista, Mac SMB
System requirements	CPU 600 MHz or higher RAM 128 MB or more
Resolution	600 dpi, 400 dpi, 300 dpi, 200 dpi, 200 x 100 dpi, 200 x 400 dpi
File format	TIFF (MMR/JPEG compression), JPEG, XPS, PDF (MMR/JPEG compression), PDF (high compression)
Scanning speed	A4, 600 dpi, Image quality: Text/Photo original, B/W Single scanning: 52 images/min
Interface	Ethernet (10 BASE-T/100 BASE-TX)
Network protocol	TCP/IP
Transmission system	PC transmission SMB Scan to SMB FTP Scan to FTP, FTP over SSL E-mail transmission SMTP Scan to E-mail Twain scan WIA scan

Specifications are subject to change without notice.

DF-760(B) Finisher

Type	Floor model
Number of trays	3 trays
Tray capacity	Main tray (tray A): A3, B4, Ledger, Legal, Oficio II, 8.5 x 13.5", Folio, 8K: 1500 sheets A4, A4R, B5, Letter, LetterR, 16K: 3000 sheets Left sub tray (tray B): A3, B4, Ledger, Legal, Oficio II, 8.5 x 13.5", Folio, 8K: 100 sheets A4, A4R, B5, B5R, A5R, B6R, A6R, Letter, LetterR, statementR, 16K, 16KR: 200 sheets Right sub tray (tray C): A4, B5, A5R, B6R, A6R, Letter, statementR, 16K: 50 sheets
Staple unit	Stapling capacity A3, B4, Ledger, Legal, Oficio II, 8.5 x 13.5", Folio, 8K: 30 sheets A4, A4R, B5, Letter, LetterR, 16K: 50 sheets Auto select staple mode: 30 sheets Paper weight: 90 g/m2, 24lb. or less (1 cover sheet only for 91 g/m2 or greater) Tray capacity Stapling 2 to 4 sheets: 150 set Stapling 5 to 10 sheets: 100 set Stapling 11 to 30 sheets: 50 set Stapling 31 to 50 sheets: 3000 sheets (Only for A4, A4R, B5, Letter, LetterR and 16K)
Power source	Electrically connected to the machine
Dimensions	687 (W) x 573 (D) x 1087 (H) mm 27 1/16" (W) x 22 9/16" (D) x 42 13/16" (H)
Weight	Approx. 55 kg/Approx. 121 lbs

BF-720(B) Center-folding unit (option)

Foldable sizes	A3, B4, A4R, Ledger, Legal, LetterR
Foldable number of sheets	1 to 16 (no stapling for 1 sheet)
Maximum number for storage	5 or less copies in a set: 30 sets 6 to 9 copies in a set: 20 sets 10 to 16 copies in a set: 10 sets
Paper weight	60 to 220 g/m2, 16~58lb. (1 cover sheet only for 91 g/m2 or greater)

MT-720(B) Mailbox (option)

Number of trays	7 trays
Paper size	A3, B4, A4, A4R, B5, B5R, A5R, Folio, Ledger, Legal, Letter, LetterR, statementR, 8K, 16K, 16KR
Maximum number for storage	A3, B4, Folio, Ledger, Legal 60 to 105 g/m2, 16~28lb.: 50 sheets 106 to 163 g/m2, 28~43lb: 25 sheets A4, A4R, B5, B5R, A5R, Letter, LetterR, statementR, 8K, 16K, 16KR 60 to 105 g/m2, 16~28lb: 100 sheets 106 to 163 g/m2, 28~43lb: 50 sheets
Dimensions	510 (W) x 400 (D) x 470 (H) mm 20 1/16" (W) x 15 3/4" (D) x 18 1/2" (H)
Weight	10 kg or less/22 lbs or less

PH-5A/C/D Punch unit (option)

Paper size	Main tray (tray A): A3, B4, A4, A4R, B5, Folio, Ledger, Legal, Letter, LetterR Left sub tray (tray B) A3, B4, A4, A4R, B5, B5R, A5R, Folio, Ledger, Legal, Letter, LetterR
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DP-750(B) / 760(B)

Original feed method	Automatic feed
Supported original types	Sheet originals
Original sizes	A3/Ledger to A5R/StatementR
Original weights	45 to 160 g/m ² , 12~43lb
Loading capacity	100 sheets (50 to 80 g/m ² , 13~21lb) maximum Mixed original sizes (auto selection): 30 sheets (50 to 80 g/m ² , 13~21lb) maximum
Power source	Electrically connected to the machine.
Dimensions	577 (W) x 534 (D) x 180 (H) mm 22 11/16" (W) x 21" (D) x 7 1/16" (H)
Weight	Reversed DP: 12 kg or less/26.4 lbs. or less Dual scan DP: 13 kg or less/28.6 lbs. or less

PF-720 (B)

Paper supply method	Friction feed (No. sheets: 500, 80 g/m ² , 21lb. 2 cassettes)
Paper size	A3, B4, A4, A4R, B5, B5R, A5R, Folio, Ledger, Legal, OficioII, 8.5 x 13.5", Letter, LetterR, StatementR, 8K, 16K, 16KR
Paper weight	60 to 160 g/m ² , 16~43lb.
Paper types	Standard, recycled, color
Power source	Electrically connected to the machine.
Dimensions	585 (W) x 590 (D) x 315 (H) mm 23 1/16" (W) x 23 1/4" (D) x 12 3/8" (H)
Weight	Approx. 26 kg/Approx. 57 lbs

PF-760 (B)

Paper supply method	Friction feed (No. sheets: 3000, 80 g/m ² , 21lb)
Paper size	A4, B5, Letter
Paper weight	60 - 105 g/m ² , 16~28lb
Paper types	Standard, recycled, color
Power source	Electrically connected to the machine
Dimensions	23 5/16" (W) x 23 5/8" (D) x 12 3/8" (H) 585 (W) x 600 (D) x 314 (H) mm
Weight	Approx. 23 kg / Approx. 50.71 lbs

DF-780 Finisher

Type	Floor model
Number of trays	One tray
Paper weight	64 to 105 g/m ² , 20~28lb.
Tray capacity	Paper weight 90 g/m ² , 24lb. or less When not stapling: A3, B4, Ledger, Legal, Oficio II, 8.5 x 13.5", Folio, 8K: 500 sheets A4, A4R, B5, B5R, Letter, LetterR, ExecutiveR, 16K: 1000 sheets When stapling 2 or 10 sheets: A3, B4, Ledger, Legal, 8K: 30 sets A4R, B5R, LetterR: 40 sets A4, Letter, 16K: 45 sets B5: 50 sets When stapling 11 or 20 sheets: A3, B4, Ledger, Legal, 8K: 12 sets A4R, B5R, LetterR: 35 sets A4, B5, Letter, 16K: 40 sets When stapling 21 or 25 sheets: A3, B4, Ledger, Legal, 8K: 10 sets A4, A4R, B5, B5R, Letter, LetterR, 16K: 30 sets When stapling 26 or 30 sheets: A4, A4R, B5, B5R, Letter, LetterR, 16K: 30 sets When stapling 31 or 50 sheets: A4, A4R, B5, B5R, Letter, LetterR, 16K: 20 sets
Stapling capacity	Paper weight 90 g/m ² , 24lb. or less A3, B4, Ledger, Legal, Oficio II, 8.5 x 13.5", Folio, 8K: 25 sheets A4, A4R, B5, B5R, Letter, LetterR, ExecutiveR, 16K: 50 sheets Mixed sizes: 25 sheets or less
Power source	Electrically connected to the machine
Dimensions	634.9 (W) x 533 (D) x 1013.5 (H) mm 25" (W) x 21" (D) x 39 7/8" (H)
Weight	Approx. 26.5 kg/Approx. 59 lbs

JS-700 (B) Job Separator


Type	Enclosed
Number of trays	1 tray
Tray capacity	100 sheets (80 g/m ²)
Paper size	A3, B4, A4, A4R, B5, B5R, A5R, Folio, Ledger, Legal, Letter, LetterR, Oficio II, 8.5 x 13.5", ExecutiveR, StatementR
Paper weight	45 to 160 g/m ² , 13~43lb.
Paper types	Plain, recycled, color, thin
Power source	Electrically connected to the machine
Dimensions	530 (W) x 475 (D) x 82 (H) mm 20 13/16" (W) x 18 11/16" (D) x 3 3/16" (H)
Weight	1.5 kg or less/3.3 lbs or less

BTU's

Model	Power Consumption		PPM	Prints/Hr	Watts based on PPM & Pr/Hr Print	Watts based on PPM & Pr/Hr Ready	kW/hour	Total BTU (*3421.14)
	Total Print (W)	Total Ready (W)						
420i	1080	240	42	500	214.3	192.4	0.4067	1387.6
	1080	240	42	1,000	428.6	144.8	0.5733	1956.3
	1080	240	42	2,000	857.1	49.5	0.9067	3093.7
	1080	240	42	2,520	1080.0	0.0	1.0800	3685.1
520i	1080	240	52	500	173.1	201.5	0.3746	1278.2
	1080	240	52	1,000	346.2	163.1	0.5092	1737.6
	1080	240	52	2,000	692.3	86.2	0.7785	2656.2
	1080	240	52	3,120	1080.0	0.0	1.0800	3685.1

Total BTU's are based on Prints per Minute, Prints per Hour. Watts are based on PPM & Pr/Hr and Kw/Hour.

POWER CONSUMPTION

Specification		Main Body
Voltage requirements	US/Canada	120 V AC ±10%, 60Hz ±2%, 12A
	Maximum	1500W
520i/420i	Copy/Print	1080W or less
	Sleep Mode	22W or less
	Ready	240W or less
	Plug-in mode	1W or less
Maximum current	US/Canada	12A
		NEMA 5-15R

All Specifications are subject to change without notice.

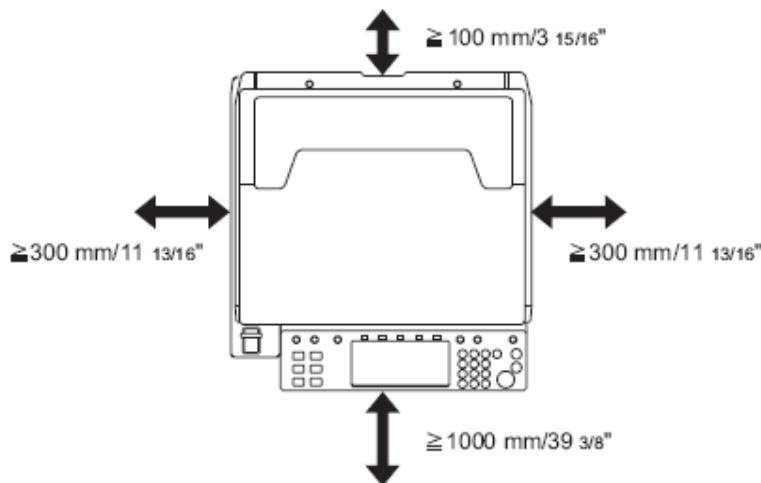
INSTALLATION REQUIREMENTS

Installation Time	20 Minutes or less (Main Body Only)
Standard Temperature	73.4°F (23°C)
Standard Humidity	60%RH (Relative Humidity)
Temperature Range	50°F ~ 90°F (10°C ~ 32.5°C)
Humidity Range	15% ~ 80%RH
Condensation and Humidity	Rapid Temperature change, Humidity drift, and condensation should be avoided
Altitude	Maximum 8202 ft. (2500 meters)
Illumination	Maximum 1,500 lux
Levelness	Maximum levelness: 5mm (0.2inch) The Printer must be placed on a level and sturdy surface

WEIGHT AND DIMENSIONS

Specification	
Width	23 ¹³ / ₁₆ "
Height	29 ⁵ / ₁₆ "
Depth	25 ⁷ / ₁₆ "
Weight (Main unit)	187 lbs. Excluding Toner and Waste Toner box

MACHINE SPACE REQUIREMENTS



Allow sufficient access for proper operation and maintenance of the machine.
 Machine front: 39 ³/₈" Machine rear: 3 ¹⁵/₁₆"
 Machine right: 11 ¹³/₁₆" Machine left: 11 ¹³/₁₆"

**All Specifications Subject to Change without Notice.*

UTILITIES

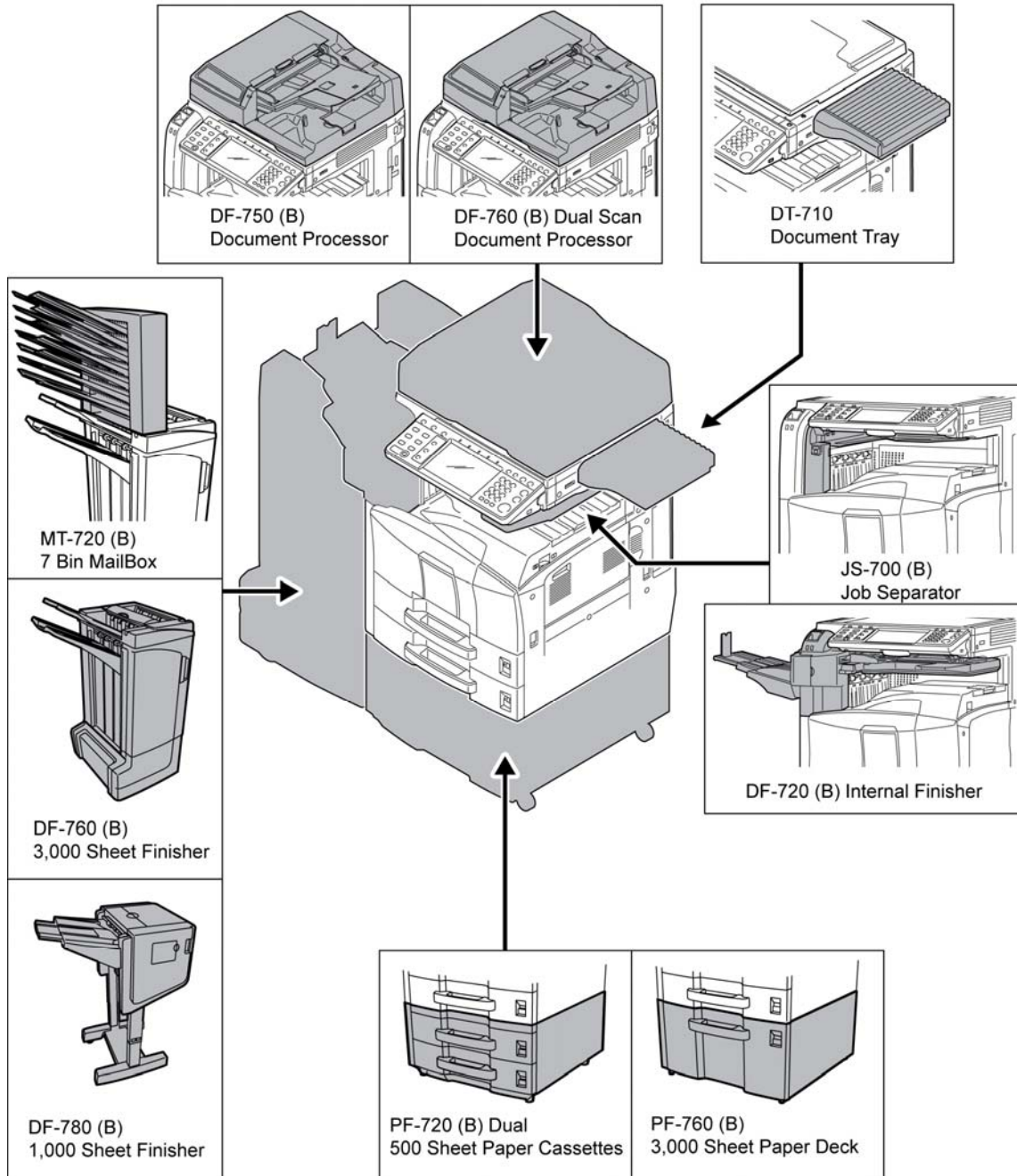
NETWORK	DESCRIPTION
KMnet Admin	<p>KMnet Admin is Kyocera's unified device management solution that uses a web-based platform to give network administrators easy and uncomplicated control of all network enabled printing devices.</p> <p>KMnet Admin is web-based, so no client software installation is necessary.</p>
KYOcapture 5.0	Kyocera's Document Capture Workflow Solution that can integrate with the customer's existing workflow applications
KYOcapture Express 5.0	KYOcapture Express is a simplified document capture workflow solution designed for small to medium sized businesses which integrates with select Kyocera MFPs.
KM NET for Accounting v2.3.2027	Remotely manages user account codes for Kyocera Devices. Tracks Print, Copy, Scan and Fax counts by User Account.
KM-NET Viewer v5.0.1506	Administrator Utility, which monitors Kyocera network devices with the ability to display and report device conditions via e-mail using SMTP.
Quick Set-up Utility	Quick Set-up Utility for Network Administrators used to set-up IP Printing and Addresses on Network Printers.
PRINT	
KM-NET for Direct Printing	Allows Direct Printing of Adobe PDF's without launching Adobe's Acrobat or Acrobat Reader applications.
SCAN	
DB Assistant	Works in concert with the Scanner File Utility to display Windows Explorer folders on a Network PC or Server from the Control Panel.
Scanner File Utility Ver. 4.10.01	Receives scanned images from the Kyocera Scan device, and directs them into a designated folder on a PC or Server.
Quick Set-up Utility	Quick Set-up Utility for Network Administrators used to set-up IP Printing and Addresses on Network Printers.
PRESCRIBE	
IC Link V3.2	Manages PRESCRIBE Forms, Bitmap Fonts, Printable Data Files and API based projects and delivers them to the printer memory storage device (HDD or CF Card)

PRINT DRIVERS

Print Drivers can be downloaded from KMAconnect and kyoceramita.com. Note: Drivers and Descriptions are periodically updated and versions posted in the future may not match this chart.

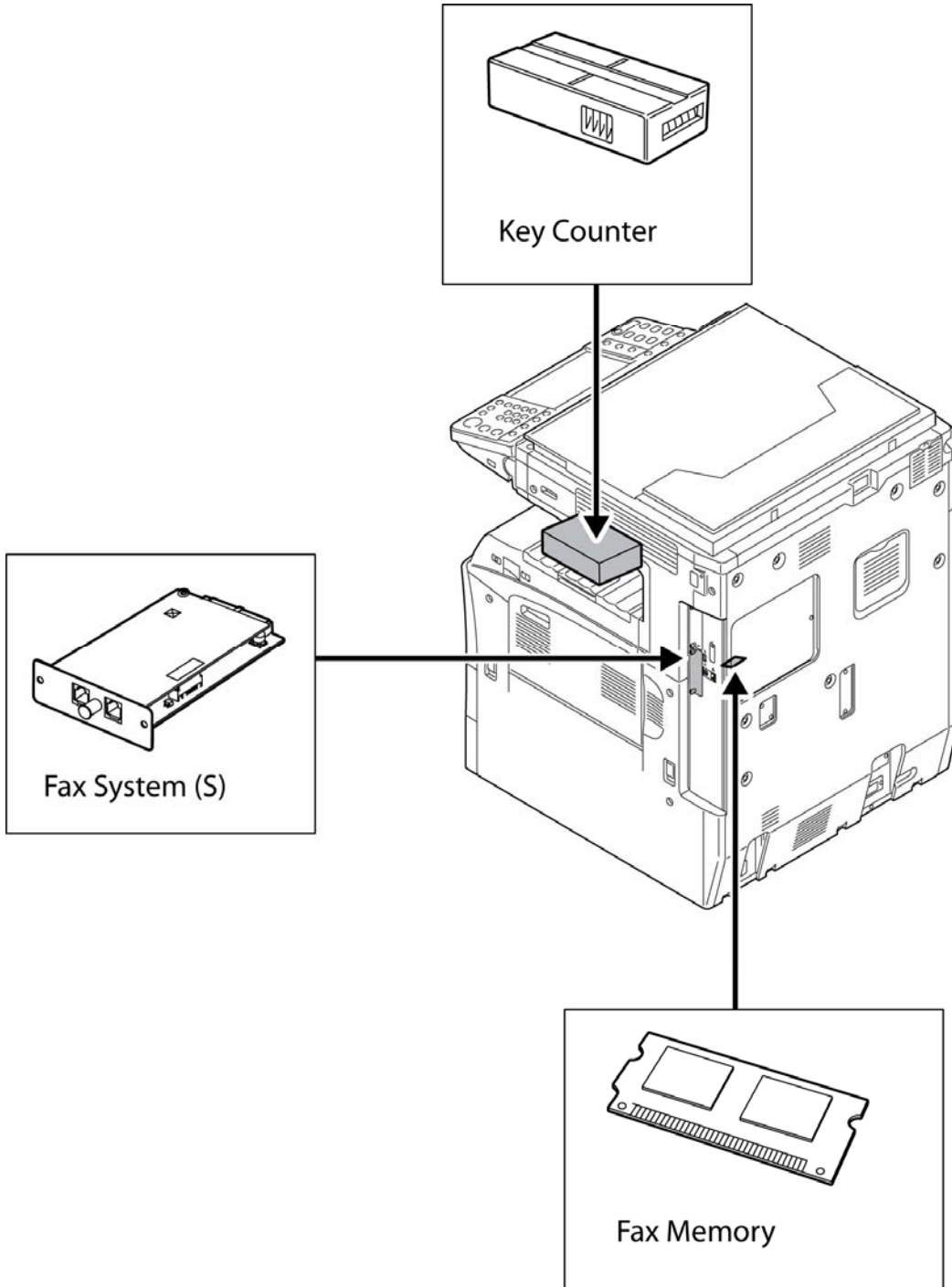
Description	Version	Operating System
420i/520i KPD L Uni Driver 8.4 for Win 2K, XP, 2003	8.4	Windows 2K, XP, 2003
420i/520i KPD L Uni Driver 8.4 for Win Vista, 2008	8.4	Windows Vista, 2008
420i/520i KX Print Driver 5.0.1922 for Win 2K, XP, 2003, 2008, Vista (32-bit)	5.0.1922	Windows 2K, XP, 2003, 2008, Vista
420i/520i KX Print Driver 5.0.1922 for Win Vista, 2008 (64-bit)	5.0.1922	Windows Vista, 2008
420i/520i NDPS Driver 4.2.1409b for Win NT, 2K	4.2.1409b	Windows NT, 2K
420i/520i NDPS Driver 5.0.1922 for Win 2K, XP	5.0.1922	Windows 2K, XP
420i/520i Network Fax Driver 3.4.1929 for Win 2K, XP, 2003, 2008, Vista	3.4.1929	Windows 2K, XP, 2003, 2008, Vista
420i/520i OSX 10.2 and 10.3 Installer	8.4	OSX 10.2 and 10.3
420i/520i OSX 10.4 and 10.5 Installer	8.4	OSX 10.4 and 10.5
420i/520i PCL Uni Driver 1.1 for Win Vista, 2008	1.1	Windows Vista/Server 2008
420i/520i PCL Uni Driver 4.1 for Win 2K, XP, 2003	4.1	Windows 2K/XP, 2003
420i/520i TWAIN Driver 1.7.0717 for Win 2K, XP, 2003, 2008, Vista	1.70717	Windows 2K, XP, Server 2003/2008, Vista
420i/520i WIA Driver 1.3.1917 for Win Vista, 2008	1.3.1917	Windows Vista/Server 2008
420i/520i XPS Mini Driver 1.1 for Win Vista, 2008	1.1	Windows Vista/Server 2008
420i/520i Linux PPD	8.4	Linux

PRODUCT CONFIGURATION



AK-700 is required for the installation of the DF-760 (B) or DF-780 (B).

PRODUCT CONFIGURATION
(continued)



TECHNICAL IMPROVEMENTS

There are Two Types of Optional Document Processors available, depending upon your Customers needs.



DP-760 (B)

This device is a Dual Scan Document Processor. It scans both sides in one pass and allows up to 100 images per minute at 300dpi to be scanned.

DP-750 (B)

This device is a Reversing Automatic Document Processor. When image quality is more important than speed, this Processor scans both sides of the image by the MFP's CCD.

ON-LINE ACTIVATION OF OPTIONS

Kyocera continues the new user friendly method of activating the optional Internet Fax, Data Security Kit and the Document Guard Kit for Copystar Series MFP's. A USB Key is no longer required for activation. Each option will consist of an envelope containing a License Access Sheet and Installation Instructions. The License Sheet will consist of the Product Name and Product ID Number. You will need these items as well as the MFP Serial Number when you access the License page from KMAconnect.

You will be issued a unique Activation Key once you register your option. Print this page and take this Activation Key number and input it on the panel of your Copystar MFP to activate it.

Login to the License Key Service

What's Required:

- License Certificate
- Product ID Number
- MFP Serial Number

1. Step One: Enter the Product ID from the License Certificate, Click Next.
2. Step Two: Your Product will be verified, Click Next.
3. Step Three: Enter the MFP Serial Number, Click Next.
4. Step Four: Enter the MFP Serial Number again, Click Next.
5. Step Five: Your Information will be verified, Click Next.
6. Step Six: Your License Key is issued.
7. Step Seven: Print the page and input the License Key number on the panel of your Copystar Series MFP to activate your Device.

License Key Issue System

Enter Product ID >> Verify product >> Enter Machine No. >> Re-enter Machine No. >> Verify your entry >> Issue License Key >>


Issue License Key

The license key has issued.

Product Name	Printed Document Guard Kit (A)
Product ID	GC0S-22HB-4FC2-N2K3
	SAMPLE
Machine No.	SPL8811406
License Key	3171-6246-4236-9163-5966

Date of Issue : November 4, 2008 1:58:31 AM JST

Write the above license key in the space provided in License Certificate.
Print this screen and keep it in a safe place.

 Print [Continue to issue other license key.](#)

Now, the issuing process is completed.

LICENSE KEY PROCEDURE

1. Enter the Product ID from the License Certificate, Click Next

License Key Issue System

Enter Product ID >>
Verify product >>
Enter Machine No. >>
Re-enter Machine No. >>
Verify your entry >>
Issue License Key >>

Language : English

Thank you for purchasing our product.
 Follow the instructions here for issuing the license key.
 Check the Machine No. on your machine and enter the number in the space provided in License Certificate in advance.
 The number is shown on the rating plate attached on the machine in 10 alphanumeric characters after "Machine No."
 For example: Machine No. ABC12X3567

Enter Product ID

Enter "Product ID" indicated on License Certificate and click **Next**.

Product ID	<input type="text" value="GC0S"/>	<input type="text" value="22HB"/>	<input type="text" value="4FC2"/>	<input type="text" value="N2K3"/>
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Next

2. Your Product will be verified, Click Next.

License Key Issue System

Enter Product ID >>
Verify product >>
Enter Machine No. >>
Re-enter Machine No. >>
Verify your entry >>
Issue License Key >>

Verify product

Your purchased product is as below.

Product Name	Printed Document Guard Kit (A)
Product ID	GC0S-22HB-4FC2-N2K3

If it is OK, click **Next**.

Back
Next

3. Enter the MFP Serial Number, Click Next.

License Key Issue System

Enter Product ID >> Verify product >> **Enter Machine No.** >> Re-enter Machine No. >> Verify your entry >> Issue License Key >>

Enter Machine No.

Enter the machine No. that you have written in License Certificate.

Machine No. :

If it is OK, click Next.

4. Re-enter the MFP Serial Number to confirm it, Click Next.

License Key Issue System

Enter Product ID >> Verify product >> Enter Machine No. >> **Re-enter Machine No.** >> Verify your entry >> Issue License Key >>

Re-enter Machine No.

Enter the machine No. again to confirm it.

Machine No. :

If it is OK, click Next.

5. Your Information will be verified, Click Next.

License Key Issue System

Enter Product ID >> Verify product >> Enter Machine No. >> Re-enter Machine No. >> **Verify your entry** >> Issue License Key >>

Verify your entry

Verify your entry so far.

Product Name	Printed Document Guard Kit (A)
Product ID	GC0S-22HB-4FC2-N2K3
SAMPLE	
Machine No.	SPL8811406

If it is OK, click **Next**.
The license key will be issued.

Back
Next

6. Your License Key is issued.

7. Print the Page and input the License Key number on the panel of your Copystar Series MFP to activate your Device.

License Key Issue System

Enter Product ID >> Verify product >> Enter Machine No. >> Re-enter Machine No. >> Verify your entry >> **Issue License Key** >>

Issue License Key

The license key has issued.

Product Name	Printed Document Guard Kit (A)
Product ID	GC0S-22HB-4FC2-N2K3
SAMPLE	
Machine No.	SPL8811406
License Key	3171-6246-4236-9163-5966

Date of Issue : November 4, 2008 1:58:31 AM JST

Write the above license key in the space provided in License Certificate.
Print this screen and keep it in a safe place.

Print
[Continue to issue other license key.](#)

Now, the issuing process is completed.