



KONICA MINOLTA

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bizhub 4750/4050

Service Launch Guide

07/2014

Konica Minolta bizhub 4750/4050

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bizhub 4750/4050 Specifications

Type	Monochrome Laser MFP		
Document Holder	Stationary (mirror scanning) Types: Sheets, books (page spreads), 3-dimensional objects Size: Maximum 8.5" x 14"		
Photoconductor	Organic Photoconductor		
Luminous Source	LED		
Copying System	Laser electrostatic copy method		
Developing System	Dry-type dual-component developing method		
Fusing System	Belt fusing system		
Resolution	Scanning: Up to 600 dpi x 600 dpi Printing: 600 x 600 dpi, 1,200 x 1,200 dpi		
Paper	Plain Paper: 60-120 gsm Thick Paper: Up to 163 gsm* Duplexing: 60-90 gsm Laser-quality labels**, envelopes***, letterhead, recycled paper * Can only be fed through the bypass tray (up to 20 sheets) ** Labels recommended for occasional use only. ***Can only be fed through the bypass tray (up to 10 envelopes)		
Paper Tray Sizes	Bypass Tray: 5.5" x 8.5" to 8.5" x 14" Tray 1: 5.5" x 8.5" to 8.5" x 14" Tray 2,3 & 4: (Option): 5.5" x 8.5" to 8.5" x 14"		
Paper Tray Capacity	Bypass Tray: 100 sheets Tray 1: 550 sheets Tray 2,3 & 4: (Option): 250 or 550 sheets each		
Paper Output Capacity	250 sheets (face down)		
Warm-up Time	77 seconds		
Image Loss Width	Position	Copy	Print
	Leading edge	0.160"	0.160"
	Trailing edge	0.160"	0.160"
	Right edge	0.160"	0.160"
	Left edge	0.160"	0.160"
First Copy/Print	8.5 sec. or less from platen 8.5 sec. or less from ADF		
Print Speed	bizhub 4750	bizhub 4050	
	50 ppm single-sided	42 ppm single-sided	
	22 ppm double-sided	20 ppm double-sided	
Multiple Copies	1-999		
Magnification Ratios	Reduce/Enlarge: 25%–400%* *0.1% increments		
Scan Speed	48 opm monochrome single-sided 32 opm color single-sided		

Power Requirements	120V/60Hz @ 9.4A (110V)	
Power Consumption	1.5kW or less (max.)	
TEC	bizhub 4750 2.19 kWh	bizhub 4050 1.86 kWh
Dimensions (WxDxH)	19.3" x 18.9" x 22.1"	
Memory	2 GB RAM (320 GB HDD)	
Weight	Approx. 52 lb.	

Duty Cycle

bizhub 4750/4050: Up to 150,000/100,000 monthly
Maximum monthly copy/print volume supported under vendor supplied service. Defines the upper end of the expected customer volume for the device. Customers should consider multiple machines if average approaches duty cycle on a continual basis.

Basic Configuration



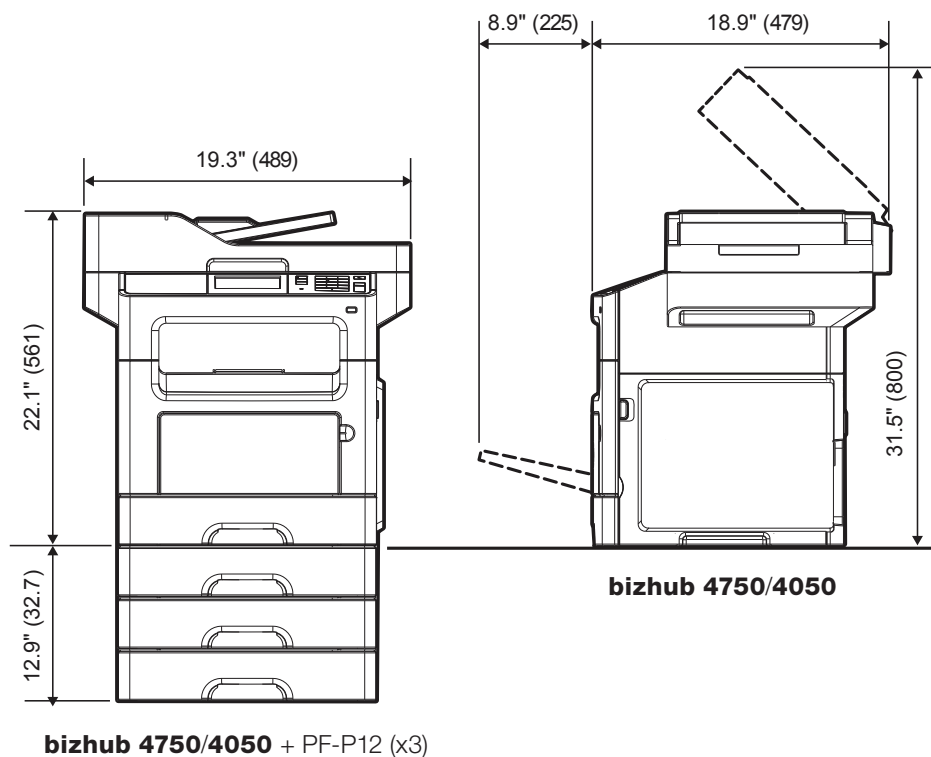
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Space Requirements


To ensure easy operation, consumable replacement and maintenance, adhere to the recommended space requirements detailed below.



Environmental Requirements

Temperature	60°F to 90°F (operating)
Humidity	8% to 80% (operating)
Noise While Printing	≤ 54 dB
Noise While Copying	≤ 55 dB
Noise While Engine is Idle	≤ 15 dB

Electrical Requirements

Line Options	Dedicated	NEMA Diagram for 5-15R 
Voltage	120VAC/60Hz	
Amperage	15 A	
NEMA Part No.	5-15R	
Cord Length	6.0 ft.	

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Component Considerations

FS-P02 Inner Finisher



Type	Staple Finisher
Support Paper Type	Plain Paper (16 lb. to 24 lb.)
Support Paper Size	8.5" x 11" to 8.5" x 14"
Staple Mode	Corner
Max. Number of Stapled Sheets	20 sheets (20 lb.)
Power Requirements	Supplied from Main Unit
Dimensions (WxDxH)	15.3" x 3.9" x 7.7"
Weight	Approx. 11.6 lb. (5.3 kg)
Consumables	Staples SK-501 (1,000 Staples)

PF-P11 Paper Feed Unit



Type	250-sheet drawer
Support Paper Weight	60-120 gsm
Support Paper Size	5.5" x 8.5" to 8.5" x 14"
Configuration	Single Tray (Up to 3 can be added)*
Weight	Approx. 9.3 lb.

PF-P12 Paper Feed Unit



Type	550-sheet drawer
Support Paper Weight	60-120 gsm
Support Paper Size	5.5" x 8.5" to 8.5" x 14"
Configuration	Single Tray (Up to 3 can be added)*
Weight	Approx. 10.3 lb.

* PF-P11 and PF-P12 trays can be installed together, but a maximum of 3 trays can be added.

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Component Considerations

DK-P02 Copy Desk



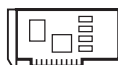
Type	Storage drawer only
Function	Storage of accessories, supplies, paper, etc. Adjustable to bring machine to working height, with a variety of configurations.
Weight	Approx. 40.3 lb

CS-1 Convenience Stapler



Type	Standalone electronic stapler
Stapling Capacity	Up to 50 sheets
Paper Weight	Up to 90 gsm
Durability Cycle	Up to 200,000 stapling operations
Staple Position	Side or corner of document
Type of Clinch	Flat clinch
Dimensions (WxHxD)	5.31" x 5.7" x 7.48"
Weight	Approx. 3.74 lb.
Power Supply	AC adaptor (supplied). Separate power output required.
Refill Staples	SK-602 (No. 505: 5,000 staples)

FK-512 Fax Kit



Communication	Super G3
Compatible Lines	PSTN, PBX
Modem Speed	2.4 kbps - 33.6 kbps
Compression	MH/MR/MMR/JBIG
Transmit Paper Size	Max. 8.5" x 14" (Max. 8.5" x 39" using ADF)
Receive Paper Size	Max. 8.5" x 14"
Transmission Speed	Less than 3 sec. (V.34, JBIG)
Scan Speed	Up to 31 opm
Abbr. Dials	2000 (Max. number of recipient contacts)
Program Dials	400 (Max. number of program registrants)
Group Registration	100 (Max. number of group registrants)
Simultaneous Recipients	Max. 500
Fax Features	Program, Select from address book, Group dial program, Auto redial, Original type (text, text/photo, photo), Density adjustment, Memory TX, Busy/error redial, Broadcast TX, Timer TX, Confidential TX, Relay TX request, Polling RX, TX Original size setting, Mixed original TX, ECM OFF, V34 OFF TX, Password TX, Memory RX, Memory vicarious execution RX, Password RX, Auto Reduction print, Full size print, TEL/FAX Auto switch, Audio response, Answering Machine Connection, Remote RX, Nighttime Receiving User Box destination setting, Activity report, TX Result Report, Broadcast Result TX Report, Broadcast Result RX Report, Various lists, Long paper original TX/RX, PC-FAX TX/RX, Mistake TX prevention.

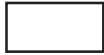
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Component Considerations

MK-P03 Mount Kit



Type	Internal Component
Function	Required for installation of FK-512 Fax Kit

AU-201H Proximity Card Authentication Unit*



Dimensions (WxHxD)	3.625" x 2.5" x 0.625"
Weight	0.25 lb.
Power Supply	Supplied from USB Port
System Conditions (operating mode)	Ambient Temperature: 32° to 104° F Humidity: 20% to 85%
System Conditions (non-operating mode)	Ambient Temperature: -4° to 122° F Humidity: 20% to 85%
Radio Law Division	Self-Guided Read-Write Communication Facility
Applicable Card	ISO 14443 Type A, FeliCa-based non-contact IC Card
Acquired Standard	VCCI Class B

AU-202H HID iClass Card Reader*



Dimensions (WxHxD)	4.0" x 1.9" x 0.09"
Weight	0.25 lb.
Power Supply	Supplied from USB Port
System Conditions (operating mode)	Ambient Temperature: 31° to 150° F Humidity: 5% to 95%
Transmit Frequency	13.56 MHz
Environmental	IP55
Certifications	UL294/cUL (US), FCC Certification (US), IC (Canada), RoHS
Card Type Compatibility	All HID 2k, 16k or 32k iClass Cards
HID iClass Card Format Compatibility	26-bit, HID Corporate 1000®

* May not be available at time of launch.

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Mixed Original Support

● Possible × Not Possible

Document Size ²	Maximum Document Width ¹				
	8.5" x 11" portrait	8.5" x 14" landscape	8.5" x 11" landscape	5.5" x 8.5" portrait	5.5" x 8.5" landscape
8.5" x 14" (☐)	×	●	●	×	×
8.5" x 11" (☐)	×	●	●	×	×

¹ Indicates the width of the widest document size of the mixed originals.

² Indicates the document sizes that can be mixed together based on the maximum document width.

Standard Paper Tray Support

Main Unit - bizhub 4750/4050 (Standard Tray/Bypass Tray)

Component	Capacity	Size	Weight
Standard Tray	550-sheets	5.5" x 8.5" to 8.5" x 14"	60-120 gsm
Bypass Tray	100-sheets	5.5" x 8.5" to 8.5" x 14"	Up to 163 gsm

Print Function (Standard)

Controller	Built-in Emperon® print system	
Power Supply	Common with the main body	
CPU	88PA6170 (800MHz)	
Memory	2 GB (320 GB HDD)	
Print Speed (Letter Portrait)	bizhub 4750 50 ppm	bizhub 4050 42 ppm
First Copy/Print	8.5 sec. or less from platen	
Print Resolution	8.5 sec. or less from ADF	
Print Resolution	600 dpi x 600 dpi, 1,200 dpi x 1,200 dpi	
PDL	PostScript 3 (3016), PCL6 (XL 3.0), PCL5e/c, XPS (Ver. 1.0), PDF Direct Printing (Ver. 1.7), JPEG/TIFF Direct Print	
Network Protocols	TCP/IP (IPv4/IPv6), IPP1.1, SNMP, HTTP, HTTPS	
Support OS	Server: Windows Server 2003 (x32/x64), Windows Server 2008 (x32/x64), Windows 2008 R2 (x32/x64), Server 2012 Client: Windows XP (x32/x64), Windows Vista (x32/x64), Windows 7 (x32/x64), Windows 8 (x32/x64), Mac OS X, Linux (SUSE, Red Hat)	
Interface	10 Base-T/100 Base-TX/1000 Base-T, Hi-Speed USB 2.0, USB 2.0 Host Port	
Font	PCL: 80 fonts PS3 Emulation: 137 fonts	
Supported Paper Sizes	5.5" x 8.5" to 8.5" x 14"	

Print Drivers

PCL 6 (XL 3.0) Emulation	Konica Minolta PCL Driver	Windows XP (x32/x64), Windows Vista (x32/x64), Windows Server 2003 (x32/x64), Windows Server 2008 (x32/x64), Windows Server 2008 R2 (x32/x64), Windows Server 2012 (x32/x64), Windows 7 (x32/x64), Windows 8 (x32/x64)
PostScript 3 (3016)	Konica Minolta Post Script Driver	Windows XP (x32/x64), Windows Vista (x32/x64), Windows Server 2003 (x32/x64), Windows Server 2008 R2 (x32/x64), Windows Server 2012 (x32/x64), Windows Server 2012 (x32/x64), Windows 7 (x32/x64), Windows 8 (x32/x64), Mac OS X, Linux (SUSE, Red Hat)
XPS	XPS Printer Driver	Windows Vista (x32/x64), Windows Server 2008 (x32/x64), Windows 2008 R2 (x32/x64), Windows 2012 (x32/x64), Windows 7, Windows 8 (x32/x64)
Universal PCL and PS Driver*	Konica Minolta Universal Printer Driver	

* May not be available at time of launch.

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Scanning Function (Standard)

Type	Full-Color Scanner
Scanning Size	Up to 8.5" x 14"
Scanning Resolution	600/400/300/200 dpi
Scanning Speed	300 dpi: Up to 48 ppm** Monochrome Up to 32 ppm** Color
Main Function	Scan-to-Email, Scan-to-User Box (HDD), Scan-to-FTP, Scan-to-USB, Scan-to-SMB, Scan-to-WebDAV, WSD Scan, TWAIN Scan
Interface	Gigabit Ethernet (10/100/1000 Base-TX) USB Host
Protocol	TCP/IP (FTP, SMB, SMTP, WebDAV, WSD-Scan)
Support OS	Windows XP, Vista, Server 2003, Server 2008, Server 2008 R2, Server 2012 (x32/x64), Windows 7, Windows 8 (x32/x64) Mac OS X
Output Format	TIFF, PDF, Compact PDF, PDF/A, JPEG, XPS
Driver	Network TWAIN (Windows/Mac), WIA 1.0/2.0 (Windows only)
Address Setting	LDAP

** Scan speed varies by resolution and amount of data being scanned.

Network Functions

Sending the Scanned Data in an Email Message

Scanned data can be sent to a specified Email address. The destination is specified from the control panel of this machine, and the scanned data is sent as an Email attachment.

Sending the Scanned Data as Files (FTP)

Scanned data is uploaded to a specified FTP server. The FTP server address, login password, and other information are entered from Web Based Management.

Sending the Scanned Data to a Computer on the Network (SMB)

Scanned data can be sent to a shared folder on a specified computer. The name of the destination computer, login password, and other information are entered from Web Based Management.

Sending the Scanned Data to a USB Thumb Drive

Scanned data can be sent to a USB thumb drive inserted into the USB Host Port on the side of the machine.

Sending the Scanned Data to the built-in HDD

Scanned data can be saved on the 4750/4050's built-in 320 GB HDD.

Sending the Scanned Data to WebDAV

Scanned data is uploaded to a specified web server. The host name, file path, user name and password are entered on the touch panel of the machine. The data files uploaded to the server can be downloaded from a computer on the network.

Using the bizhub 4750/4050 solely as a Scanner

This machine can be used as a scanner. The scanner can be controlled from a PC connected to the network, and the scanned image can be loaded into an application on the PC to be processed.

Fax Function (Optional)

Communication	Super G3
Compatible Lines	Public Switched Telephone Network, PBX
Line Density	Standard: 200 x 100 dpi Fine: 200 x 200 dpi Super Fine: 400 x 400 dpi
Modem Speed	33.6 Kbps
Compression	MH/MR/MMR/JBIG
Transmit Paper Size	Up to 8.5" x 14" (Flatbed) or 8.5" x 39" (ADF)
Receive Paper Size	Up to 8.5" to 14"
Transmission Speed	Less than 3 seconds (V.34, JBIG) for 8.5" x 11"

PageScope Software

Network & Device Management

PageScope Net Care Device Manager
PageScope Data Administrator

User Tools

PageScope Direct Print
PageScope Print Status Notifier
PageScope Web Connection

Management Tools

bizhub vCare

Optional Software

PageScope Enterprise Suite
▶ PageScope Account Manager
▶ PageScope Authentication Manager
▶ PageScope My Print Manager
▶ PageScope Net Care Device Manager

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Security

Because information assets are critical, a company needs to effectively protect against the many security risks it faces.

- 1) Prevent Leaks of proprietary, confidential or personal information
- 2) Prevent unauthorized use of equipment
- 3) Effective data encryption
- 4) Protect data from being altered, duplicated or deleted
- 5) Prevent unauthorized access to data via the Internet
- 6) Protect against cyber attacks
- 7) Manage log history

Protective Functions:

- HDD Overwrite — Overwrite Data (choose from 8 modes)
- Secure Print (when printing confidential documents)
- Protect data by requiring department name and 8-digit password
- Account Track
- Prevent Unauthorized Use
- HDD Encryption
- PDF Scan Encryption
- SSL/TSL Compatibility for PS Web Connection, PS Data Administrator and LDAP Server
- Scan Data Encryption (TCP/socket SSL Compatibility)
- LDAP Authentication
- IP Address Filtering
- HID Authentication Card Unit (Optional)
- IPv6
- Allow/Restrict USB Memory Scanning
- Secure Print

Paper Considerations

Paper Size Conversion Chart

Paper	Letter	Legal	Statement	Custom
Measurement	8.5" x 11"	8.5" x 14"	5.5" x 8.5"	3.6"(W) x 5.8"(L) to 8.5"(W) x 14"(L)

Paper Weight Conversion Chart

gsm	Bond	Offset	Cover	Tag	Index	Point	Bristol	Caliper	
								inches	mm
60.20	16	40	22	37	33	3.2	27.4	0.0032	0.081
67.72	18	45	24	41	37	3.6	30.9	0.0036	0.092
75.20	20	50	28	46	42	3.8	34.3	0.0038	0.097
90.30	24	60	33	56	50	4.8	41.2	0.0048	0.120
105.35	28	70	39	64	58	5.8	48.1	0.0058	0.147
109.11	29	73	40	62	60	6.0	49.8	0.0060	0.152
116.63	31	81	45	73	66	6.1	53.2	0.0061	0.155
131.68	35	90	48	80	74	6.2	60.1	0.0062	0.157
135.45	36	90	50	82	75	6.8	61.8	0.0068	0.173
146.73	39	100	54	90	81	7.2	67.0	0.0072	0.183
150.50	40	100	56	93	83	7.3	68.7	0.0073	0.185
161.78	43	110	60	100	90	7.4	73.8	0.0074	0.188
165.55	44	110	61	102	92	7.6	75.5	0.0076	0.193
176.83	47	120	65	108	97	8.0	80.7	0.0078	0.198
199.41	53	135	74	122	110	9.0	91.0	0.0085	0.216
203.17	54	137	75	125	113	9.0	92.7	0.0090	0.229

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Paper Type Specifications*

Normal (Plain Paper)

Normal paper is for general use. Normal paper is usually not a recycled paper.

Thick Paper

Thick Paper is paper weighing up to 43 lb. bond. It can be fed via the Multi Purpose Feeder (Bypass Tray).

Envelopes

Envelopes can be fed through the bypass tray (Up to 10 envelopes).

* Please see the latest Media Guide for compatible paper at mykonicaminolta.com

Recommended Paper Stocks

Media Type

Plain Paper	Hammermill Tidal MP (75 gsm)
Recycle Paper	Domtar Recycled Copy (30% Post Consumer) (75 gsm)
Thick Paper	Hammermill Color Copy Paper 32 lb.
OHP Transparencies	3M-PP2500
Envelope	Preservation Wove 24 lb. 57859 #6 ³ / ₄ (98 x 165 mm)
Other	Official Postcard

NOTE: Please log onto mykonicaminolta.com for updates on paper recommendations. You can find updates in the latest Specifications and Installation Guide or the latest Media Guide.

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How to Build a bizhub 4750/4050 System (from start to finish)

Step 1: Base Unit

- **bizhub 4750/4050 Digital Monochrome Printer/Copier/Scanner**
Includes PS, PCL, and XPS Controller, Automatic Duplex Unit, 50-sheet Reversing Automatic Document Feeder, 650 Sheets Paper Capacity, 2.0 GB Standard Memory, 320 GB HDD, Standard USB 2.0 (supports local printing), USB 2.0 Host Port, Optional Authentication Device Connection, 7.5 K Starter Toner Cartridge, 60 K Imaging Unit.

Step 2: Paper Handling Options

- ☐ **PF-P11 Paper Feed Unit**
(250-sheet unit, max 3, 8.5" x 14")
- ☐ **PF-P12 Paper Feed Unit**
(550-sheet unit, max 3, 8.5" x 14")
- ☐ **DK-P02 Copy Desk**

Step 3: Finishing Options

- ☐ **FS-P02 Inner Finisher** (20-sheet Stapling)
- ☐ **CS-1 Convenience Stapler**

Step 4: Image Controller

- **Standard Emperon Print System** (PCL/PS)

Step 5: Additional Options

- ☐ **AU-201H Proximity Card Authentication Unit**
- ☐ **AU-202H iClass Card Authentication Unit**
- ☐ **FK-512 Fax Kit**
- ☐ **MK-P03 Mount Kit**



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Accessory Options for bizhub 4750/4050 Digital Monochrome Printer/Copier/Scanner

ACCESSORY	ITEM NO.	DESCRIPTION	NOTES
BASE UNIT			
bizhub 4750	A6F7011	Printer/Copier/Scanner	Includes PS, PCL, and XPS Controller, Automatic Duplex Unit, 50-sheet Reversing Automatic Document Feeder, 650 Sheets Paper Capacity, 2.0 GB Standard Memory, 320 GB HDD, Standard USB 2.0 (supports local printing), USB 2.0 Host Port, Optional Authentication Device Connection, 7.5 K Starter Toner Cartridge, 60 K Imaging Unit.
bizhub 4050	A6VF011		
PAPER HANDLING OPTIONS			
PF-P11	A63Y0Y1	Paper Feed Unit (250 sheets)	Lower feeder unit adds 250 sheets of paper capacity (8.5" x 11" to 8.5" x 14"). Add up to 3 units (total for PF-P11 + PF-P12).
PF-P12	A6440Y1	Paper Feed Unit (550 sheets)	Lower feeder unit adds 550 sheets of paper capacity (8.5" x 11" to 8.5" x 14"). Add up to 3 units (total for PF-P11 + PF-P12).
DK-P02	9967002761	Copy Desk	Adds storage and mobility. Storage shelf is adjustable.
FINISHING OPTIONS			
FS-P02	A6VHWY1	Inner Finisher	Provides 20-sheet stapling.
CS-1	7640013463	Convenience Stapler	Standalone Electronic Stapler
ADDITIONAL OPTIONS			
AU-201H	7640005064	HID Proximity Card Authentication Unit	For use with HID proximity cards for access to bizhub 4750/4050.
AU-202H	7640008394	iClass Card Authentication Unit	For use with HID iClass cards for access to bizhub 4750/4050.
FK-512	A6EDW11	Fax Kit	Adds Super G3 fax functionality.
KP-P01	A6XYWY1	10-Key Pad	Adds hardware keypad for Section 508 compliance.
LK-106	A0PD019	i-Option License Kit	Provides Bar Code Font Printing Support.
LK-107	A0PD01F	i-Option License Kit	Provides Unicode Font Printing Support.
LK-108	A0PD01G	i-Option License Kit	Provides OCR Font Printing Support.
LK-111	A0PD01K	i-Option License Kit	Provides ThinPrint Printing Support.
MK-P03	A6VGWY1	Mount Kit	Required for installation of FK-512 Fax Kit.

CONSUMABLES YIELDS*

CONSUMABLE	ITEM NO.	YIELD
TNP44 Black Toner*	A6VK01F	20,000 pages
IUP20 Imaging Unit*	A6VM03V	60,000 pages
SK-501 Staples (for FS-P02)	A6Y8WY1	5,000 staples
SK-602 Staples (for CS-1)	14YK	5,000 x pkg/case

* Konica Minolta Return Program cartridges are patented print cartridges sold at a discount in exchange for the customer's agreement to the license requirement that the cartridges will be used only once and returned only to manufacturer for remanufacturing or recycling. These patented cartridges are licensed for single use only and will stop working after delivering a fixed amount of toner. Toner may remain in the cartridge when replacement is required. Replacement cartridges sold without these restrictions are also available. Please contact your Konica Minolta representative for further details and availability.

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Documentation Information



All documentation can be downloaded from MyKonicaMinolta.com by clicking on Product Reference Materials under the Products Portlet.

User Manuals

[bizhub 4750/4050 Advanced Functions User Guide](#)
[bizhub 4750/4050 Applied Functions User Guide](#)
[bizhub 4750/4050 Copy Functions User Guide](#)
[bizhub 4750/4050 Fax Functions User Guide](#)
[bizhub 4750/4050 Introduction User Guide](#)
[bizhub 4750/4050 Maintenance/Troubleshooting User Guide](#)
[bizhub 4750/4050 Network Fax Functions User Guide](#)
[bizhub 4750/4050 PC-Fax Functions User Guide](#)
[bizhub 4750/4050 Print Functions User Guide](#)
[bizhub 4750/4050 Quick Start Guide](#)
[bizhub 4750/4050 Utility Keys User Guide](#)
[bizhub 4750/4050 Scan Functions User Guide](#)
[bizhub 4750/4050 Safety Information Guide](#)

Installation Instructions

[bizhub 4750/4050 Installation Manual](#)
[PF-P1/PF-P2 Installation Manual](#)
[FS-P02 Installation Manual](#)
[MK-P03/FK-512 Installation Manual](#)
[KP-P01 Installation Manual](#)
[bizhub C3350/C3850/4050/4750 CS Remote Care HTTP \(One-Way\) Setup](#)

Service Manuals

[bizhub 4750/4050 PDF Service Manual](#)
[bizhub 4750/4050 HTML Service Manual](#)

Parts Manuals

[bizhub 4750/4050 Parts Manual](#)
[FS-P02 Parts Manual](#)
[FK-512 Parts Manual](#)
[MK-P03 Parts Manual](#)
[KP-P01 Parts Manual](#)
[PF-P12 Parts Manual](#)
[PF-P11 Parts Manual](#)

Program Release Information

CSES-ID-No. DLBT1322086EN

Model: bizhub PRESS C1070, C1070P, C1060, C1060L

Title: Release of bizhub PRESS C1070/1060 series mass production firmware Ver. 10 (I: G00-10, C:G00-10)

6 December, 2013

PRI revision history: 1st release (6 December ,2013)

ISO15408 certified data is digitally signed by Konica Minolta. After downloading the "C1070all_g0010.exe,C1070us_g0010.exe" files, to check the data integrity verification, please make sure to open the file properties then confirm the Konica Minolta digital signature information.

1. Release version and download file name

The newly released program version and download file name are as follows.

Model	Program name	ROM name	Spec	Old Ver.	New Ver.	Note
bizhub PRESS C1070, C1070P, C1060, bizhub PRO C1060L (Color Press 71, 61 Color Pro 61L)	Image control program	I0	All	N/A	G00-10	Package (I1-I5combined)
	Print control program	C	All	N/A	G00-10	
	Tone control Program	T	All	N/A	G00-10	
	Web browser control program	W	All	N/A	G00-10	Separately informed for the China spec.
			US	N/A	G00-10	
	Scammer control program	L	All	N/A	G00-10	
DF-617	Document Feeder control program	F	All	N/A	G00-10	

* Available model depends on market.

[Download file name]

Spec.	Download file name	Note
All	C1070all_g0010.exe	Except China
US	C1070us_g0010.exe	
English	PRI_DLBT1322086EN.doc	

[File configuration]

< C1070, C1070P, C1060, C1060L >

```

C1070**_g0010.exe+---C1070  +---I+---I0+--- A50U0Y0_00I0_G00_1000.BIN (This release)
                               +--- A50U0Y0_00I0_G00_1000.sum (This release)
                               +---I1
                               +---I2
                               +---I3
                               +---I4
                               +---I5
+---C +--- A50U0Y0_00C1_G00_1000.BIN (This release)
+--- A50U0Y0_00C1_G00_1000.sum (This release)
+---T +--- A50U0Y0_00T1_G00_1000.BIN (This release)
+--- A50U0Y0_00T1_G00_1000.sum (This release)
+---W+--- A50U001_00W1_G00_1000.BIN (Except US/China_This release)
+--- A50U001_00W1_G00_1000.sum (Except US/China_This release)
+--- A5AA0Y0_00W1_G00_1000.BIN (US_This release)
+--- A5AA0Y0_00W1_G00_1000.sum (US_This release)
+---L +--- A50U0Y0_00L1_G00_1000.BIN (This release)

```

```

+--- A50U0Y0_00L1_G00_1000.sum (This release)
+---F +--- A0HU0Y0_00F1_G00_02000.BIN (This release)
+--- A1TW0Y0_00F1_G00_0200.sum (This release)
+---H +--- A0H00Y0_00H1_G00_6000.BIN
+--- A0H00Y0_00H1_G00_6000.sum
+---R +--- A1TT0Y0_00R1_G00_2000.BIN
+--- A1TT0Y0_00R1_G00_2000.sum
+--- A4FC0Y0_00R2_G00_2000.BIN
+--- A4FC0Y0_00R2_G00_2000.sum
+---N +---N1+--- A4F30Y0_00N1_G00_2500.BIN
+--- A4F30Y0_00N1_G00_2500.sum
+---N2+--- A2A40Y0_00N2_G00_2000.BIN
+--- A2A40Y0_00N2_G00_2000.sum
+--- A1TV0Y0_00N2_G00_2000.BIN
+--- A1TV0Y0_00N2_G00_2000.sum
+---B +--- A0H20Y0_00B1_G00_6000.BIN
+--- A0H20Y0_00B1_G00_6000.sum
+---K +--- A4F40Y0_00K1_G00_2000.BIN
+--- A4F40Y0_00K1_G00_2000.sum
+---S +--- A0H10Y0_00S1_G00_7000.BIN
+--- A0H10Y0_00S1_G00_7000.sum
+---J +--- A15X0Y0_00J1_G00_7000.BIN
+--- A15X0Y0_00J1_G00_7000.sum
+---G +--- A0N90Y0_00G1_G00_6000.BIN
+--- A0N90Y0_00G1_G00_6000.sum
+---M +---M1+--- A4F60Y0_00M1_F00_2414.BIN
+--- A4F60Y0_00M1_F00_2414.sum
+---M2+--- A4F60Y0_00M2_G00_3000.BIN
+--- A4F60Y0_00M2_G00_3000.sum
+---P +---P0+--- A50U011_00P0_G00_1000.BIN(This release/English)
+--- A50U011_00P0_G00_1000.sum(This release/English)
+---P1
+---P2

```

(* Extension bin is a program file and extension sum. is a checksum file.)

2. Where changed

This firmware is released for the following purpose.

2.1. Newly added function/change of specifications

None

This is the 1st release of the mass production firmware for C1070/C1060 series.

2.2. Problem modification item

None

3. Restrictions

None

4. Programs to be applied at the same time

KMI recommends to use the latest combination mentioned in the "6. Latest program combinations".

5. How to install

5.1. How to update the firmware

Please update using USB-ISW. For the details, please refer to the Service Manual.

5.2. How to check version

You can check the firmware version in Service mode => 08 Firmware Version => 01 Firmware Version.

Please refer to the Service Manual for the detailed procedure.

For the program version indicated on the operation panel, please refer to the "6. Latest program combinations".

6. Latest program combinations

Program name	Program name	ROM name	Version display	Remark
C 1070	Image control	I1	A50U0Y0-00I1-G00-10	This release
		I2	A50U0Y0-00I2-G00-10	This release
		I3	A50U0Y0-00I3-G00-10	This release
		I4	A50U0Y0-00I4-G00-10	This release
		I5	A50U0Y0-00I5-G00-10	This release
	Printer control	C	A50U0Y0-00C1-G00-10	This release
	Sound control	T	A50U0Y0-00T1-G00-10	This release
	Browser	W	A50U001-00W1-G00-10	This release Different for China
			A5AA0Y0-00W1-G00-10	This release For US
	Scanner control	L	A50U0Y0-00L1-G00-10	This release
DF-617	ADF	F	A0HU0Y0-00F1-G00-02	This release
FD-503	Multi Folder control	H	A0H00Y0-00H1-G00-60	
RU-509	Relay unit control	R1	A1TT0Y0-00R1-G00-20	
RU-510		R2	A4FC0Y0-00R2-G00-20	
FS-532	Stapler control	N1	A4F30Y0-00N1-G00-25	
FS-531		N2	A2A40Y0-00N2-G00-20	
FS-612		N2	A1TV0Y0-00N2-G00-20	
SD-506	Saddle stitcher	B	A0H20Y0-00B1-G00-60	
SD-510		K	A4F40Y0-00K1-G00-20	
LS-505	Stacker control	S	A0H10Y0-00S1-G00-70	
PB-503	Perfect Binder control	J	A15X0Y0-00J1-G00-70	
GP-501	Stream punch control	G	A0N90Y0-00G1-G00-60	
GP-502		M1	A4F60Y0-00M1-F00-2414	
		M2	A4F60Y0-00M2-G00-30	
IC-602A/B OWN/Generic English	IC controller	P1	A50U0Y0-00P1-G00-10	
		P2	A50U011-00P1-G00-10	

*Note bizhub PRO C1060L available to connect only FS-531/FS-612.

7. OpenAPI version

OpenAPI Function Level	3.7
------------------------	-----

Detail:*

Supported applications	Ver.	Note
eCopy	4.6 and 5.0	
PageScope Net Care Device Manager	3.0.03000	
PageScope Account Manager	3.0.03000	

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Program Release Information

CSES ID-No. DLBT1400098EN

Model: bizhub 4750/ 4050

Title: Initial Mass-production Program (Controller Firmware):

2014/1/16

1. Release version and download file name

The newly released program version and download file name are as follows.

[Release Version]

Model	Program Name	Current Ver.	New Ver.	Download file name	SHA-256
bizhub 4750/ 4050	Controller firmware	-	A6F730G0121- 999	mainkmUpdaterA6F730G 0121-999.exe	e8429c63370e783b331afc79ce b71a345f915ecf7aea112a070af c7c0488b606

[Download file name]

mainkmUpdaterA6F730G0121-999.exe

PRI_DLBT1400098EN_0.doc

2. Changes

This is the initial version.

3. Restrictions

< We will support this with MR. (Release time of the MR: TBD).>

- In the firmware update screen, if you do not select firmware for updating, "Check settings" and "Execute" keys will not be displayed.
- When a FAX job is forwarded to an Email, if an forward error occurs, the job will be shown as "complete" in the current jobs list.
- When an I-FAX address is assigned for TSI routing, the fax job will not be printed after forwarded to the I-FAX address.
- Deleting the next scan job via PSWC while sending a scan job to the MFP causes service call E301.
- If you use "Interruption" while printing a FAX job, you cannot print it afterward.

4. Programs to be applied at the same time

There is no specific program to be applied with this firmware.

However, using with the latest version programs is recommended.

5. How to install

Please double-click the "exe file" and extract the "prn file".

Please refer to "J. Rewriting of firmware ", Service Manual.

6. OpenAPI supported function level

The following is OpenAPI supported function level on this firmware.

OpenAPI Version	4.0H
Auth	1.0/2.0/2.1/2.5/3.5/3.6/3.7/4.0
Scan	2.2/3.0/3.1/3.5/3.6/3.7/4.0
PullPrint	1.1/2.0/2.1/2.5/3.5/3.6/4.0
Other A	1.0/1.1/3.5/4.0
Job Log	1.0/3.5/3.6/4.0
Setup	1.3/2.0/2.1/2.5/3.5/3.6/3.7/3.8/4.0
Web Browser	Not supported

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Program Release Information

CSES ID No: DLBT1400736EN
Model: bizhub 4050/4750
Title: Initial Mass-Production Program (Engine Firmware)

2014/01/22

1. Release version and download file name

The newly released program version and download file name are as follows.

[Release Version]

Model	Program name	Current version	New version	Download file name	Note
bizhub 4050 4750	Engine firmware	-	A6F750G0200-999	lxkpUpdaterA6F730G 0121-999.exe	Updater for USB Memory Device

[Download File name]

lxkpUpdaterA6F730G0121-999.exe
PRI_DLBT1400736EN.doc

2. Changes

This firmware is initial mass-production program for bizhub 4050/4750.
This firmware is compatible with 2 models (bizhub 4050/4750).

3. Restrictions

None

4. Programs to be applied at the same time

There is no program to be applied with this Engine firmware released this time.
However, using with latest version programs is recommended.

5. How to Install

Please double-click the "exe file" and extract the "prn file".
Please refer to "J. Rewriting of firmware" of Service manual.
Note: The update of this firmware can use USB memory device only.

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Program Release Information

CSES-ID-No. DLBT1401607EN00

Model: bizhub PRESS C1070, C1070P, C1060, C1060L

Title: Release of bizhub PRESS C1070/1060 series mass production firmware Ver. 10 (I: GM0-10, C:GM3-10)

4 February, 2014

PRI revision history: 1st release (4 February, 2014)

1. Release version and download file name

The newly released program version and download file name are as follows.

Model	Program name	ROM name	Spec	Base Ver.	New Ver.	Note
bizhub PRESS C1070, C1070P, C1060,	Image control program	I0	All	G00-10	GM0-10	Package (I1-I5combined)
bizhub PRO C1060L (Color Press 71, 61 Color Pro 61L)	Print control program	C	All	G00-10	GM3-10	

* Available model depends on market.

[Download file name]

Spec.	Download file name	Note
All	C1070all_gm010.zip	
English	PRI_DLBT14xxxxxEN.doc	

[File configuration]

< C1070, C1070P, C1060, C1060L >

```
C1070all_gm010.zip+---C1070 +---I+---I0+--- A50U0Y0_00I0_G00_1000.BIN
                                     +--- A50U0Y0_00I0_G00_1000.sum
                                     +---I1
                                     +---I2
                                     +---I3
                                     +---I4
                                     +---I5
+---C +--- A50U0Y0_00C1_G00_1000.BIN
+--- A50U0Y0_00C1_G00_1000.sum
```

(* Extension bin is a program file and extension sum. is a checksum file.)

2. Where changed

This firmware is released for the following purpose.

2.1. Newly added function/change of specifications

<I-ROM>

- 1) The function to change the unit for rounding for the custom size has been added. (DIPSW55-4)
Details of change depend on the unit.

Unit setting	DIPSW 55-4=0(default)	DIPSW 55-4=1
Mm	Input by 0.1mm unit ▲/▼ button: by 0.1mm	Input by every 1mm unit ▲/▼ button : by 1mm
inch (decimal)	Round by 0.005 inch ▲/▼ button: by 0.005mm	Round by 0.025 inch ▲/▼ button: by 0.025mm
inch (fraction) * No change for this setting	Input by 1 inch ▲/▼ button: by 1/16	Input by 1 inch ▲/▼ button: by 1/16

- 2) Density balance adjustment chart for FD5-BT has been added to [Density Balance Chart Output]
[Machine]-[Adjustment]-[Density Balance Adjustment]-[Density Balance Chart Output]

<Measurement by Spectrometer-3 (FD5-BT) >

Type 1: [Spot] Simple checking chart (for 1-step gradation)

Type 2: [Spot] Detailed checking chart (for 3-step gradation)

Type 3: [Strip] Detailed checking chart (for 3-step gradation)

<I,-ROM/C-ROM>

- 3) PF-602m is newly available for envelope printing. (DIPSW57-3)

When DIPSW57-3=1 is set PF-602m can be used for envelope printing in combination with EF-103.

Note:

The paper exit available is, only main tray of FS-612 and FS-531.

The envelope size supported for each tray is as follows:

<PF-602m Upper Tray >	Min. (W x L) : 100.0 mm x 182.0mm Max. (W x L) : 330.2mm x 487.0mm
<PF-602m Lowe Tray>	Min.(W x L) : 100.0 mm x 148.0mm Max. (W x L) : 330.2mm x 487.0mm

2.2. Problem modification item

Following problems have been corrected.

<I-ROM>

- From ticket screen, when the paper size input screen is opened, the default of the paper orientation was set to landscape. (Only for IC -602)
Default setting is changed to the (Portrait).
- When printing test pattern No.43 (batch printing of No.53), density balance adjustment was not applied though it is applied for the No. 53 test pattern printings. Now it is applied to the No.43.
- Some wrong messages in following languages have been corrected.
<Traditional Chinese>
- [Total Counter] translation was wrong.
- For the PI registration adjustment, both of PI upper/lower tray was indicated as [PI Upper]
- For the correction executing screen, the button name and description in the guide was unmatched.
- For the ADF stop position, the button name and the description in the guide was unmatched.
<Simplified Chinese >
- The English is mixed in the authentication message of simplified Chinese.
- [Total Counter] translation was wrong.
- For the correction executing screen, the button name and description in the guide was unmatched.
- The message related to dehumidifying was expressed as humidifying.
- When printing front/back adjustment chart on custom size, the screen indication disappears and C-4709 is indicated.
- After following operation, print history/transmission history disappears from confirmation screen of controller job:
Sub-switch is turned OFF while scanning then jam occurs in the ADF while shut down operation.
- C-4850 after following operations with IC-308/IC-415.
Just after turning ON the power switch or recovering from shut-off, logging -in to the machine with the external server authentication.
The operation is changed as follows:
When the external server authentication initialization operation is on going, "Please wait" is indicated and does not start log-in operation. (The same as IC-602).

<-ROM>

- J-1701 occurred during duplex printing under specific condition.

<Conditions >

- C1070/C1070P: Duplex / bypass feed / paper length 149.5mm or less / Print speed: Low
- C1060/C1060L: Duplex/bypass feed / paper length 149.5mm or less or 182.1 to 185.1mm / Print speed: Low
Duplex / All trays / Paper length 149.5mm or less or 182.1 to 183.8mm / Print speed: Low

- Frequency and till when to continue the control is selectable for the transfer belt reverse rotation control (DIPSW59-0/1, 2/3)

Frequency of intermediate transfer belt reverse rotation control which is countermeasure against the black line in FD and black band, is selectable. When the frequency is increased, the black line occurrence is reduced but the frequency of print stop increases. The productivity is reduced by max 1.8%. Therefore, select carefully.

Setting is made by following 2..

- DIPSW59-0/1: During continuous printing, when the cleaning mileage reaches to the threshold value, the machine stops printing and conduct reverse rotation and create toner band.

DIPSW Setting		CL Mileage	Count (converted)	Remark
59-0	59-1			
0	0	67.5m	250 prints	Default (recommended)
1	0	135m	500 prints	
0	1	108m	400 prints	
1	1	27m	100 prints	

- DIPSW 59-2 and 3: Control application period for the above reverse rotation period is set.

When the lubricant application brush mileage reaches to the threshold value, the compulsory stop during printing is not conducted and conventional control is applied for the reverse rotation and toner band creation.

DIPSW Setting		Lubricant brush mileage	Count (converted)	Remark
59-2	59-3			
0	0	5 km	35,000 prints	Default (recommended)
1	0	2 km	14,000 prints	
0	1	8 km	56,000 prints	
1	1	Continue the control through the parts life		Continue the DIPSW59-0/1 set control through the parts life.

3. Restrictions

None

4. Programs to be applied at the same time

Recommended to apply the I-ROM:GM0-10 and C-ROM:GM3-10 together.

5. How to install

5.1. How to update the firmware

Please update using USB-ISW. For the details, please refer to the Service Manual.

5.2. How to check version

You can check the firmware version in Service mode => 08 Firmware Version => 01 Firmware Version.

Please refer to the Service Manual for the detailed procedure.

For the program version indicated on the operation panel, please refer to the below

Program name	Program name	ROM name	Version display	Remark
C 1070	Image control	I1	A50U0Y0-00I1-GM0-10	This release
		I2	A50U0Y0-00I2-G00-10	This release
		I3	A50U0Y0-00I3-GM0-10	This release
		I4	A50U0Y0-00I4-G00-10	This release
		I5	A50U0Y0-00I5-G00-10	This release
	Printer control	C	A50U0Y0-00C1-GM3-10	This release

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Program Release Information

CSES ID-No. DLBT1402375EN00

Model: bizhub 4750/ 4050

Title: Mass-production Controller Firmware: Maintenance Release 1

2014/03/11

1. Release version and download file name

The newly released program version and download file name are as follows.

[Release Version]

Model	Program Name	Current Ver.	New Ver.	Download file name	SHA-256
bizhub 4750/ 4050	Controller firmware	A6F730G0121-999	A6F730G0132-999	bizhub4750Series_Cont_A6F730G0132-999.exe	90e3d6a201cbbbe39513c236663b2ba143d6623c9aa4d0ebc938bf791cf34d4b

[Download file name]

bizhub4750Series_Cont_A6F730G0132-999.exe

PRI_DLBT1402375EN_0.doc

2. Changes

The following issues have been fixed.

- The problems of CSRC connection.
- Poor quality in copy process.
- The OpenAPI applications cannot register in this device.

The following functions have been added.

- Support of the Y-Soft card reader.

3. Restrictions

<Planned to be supported in MR of around the end of May,2014.>

- In the firmware update screen, if you do not select firmware for updating, "Check settings" and "Execute" keys will not be displayed.
- When a FAX job is forwarded to an Email, if an forward error occurs, the job will be shown as "complete" in the current jobs list.
- When an I-FAX address is assigned for TSI routing, the fax job will not be printed after forwarded to the I-FAX address.
- Deleting the next scan job via PSWC while sending a scan job to the MFP causes service call E301.
- If you use "Interruption" while printing a FAX job, you cannot print it afterward.

4. Programs to be applied at the same time

There is no specific program to be applied with this firmware.

However, using with the latest version programs is recommended.

5. How to install

Please double-click the "exe file" and extract the "prn file".

Please refer to "J. Rewriting of firmware ", Service Manual.

6. OpenAPI supported function level

The following is OpenAPI supported function level on this firmware.

OpenAPI Version	4.0H
Auth	1.0/2.0/2.1/2.5/3.5/3.6/3.7/4.0
Scan	2.2/3.0/3.1/3.5/3.6/3.7/4.0
PullPrint	1.1/2.0/2.1/2.5/3.5/3.6/4.0
Other A	1.0/1.1/3.5/4.0
Job Log	1.0/3.5/3.6/4.0
Setup	1.3/2.0/2.1/2.5/3.5/3.6/3.7/3.8/4.0
Web Browser	Not supported

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Program Release Information

CSES ID-No. DLBT1404933EN00

Model: bizhub 4750/4050

Title: Mass-production Controller Firmware: Maintenance Release 2

2014/04/18

1. Release version and download file name

The newly released program version and download file name are as follows.

[Release Version]

Model	Program Name	Current Ver.	New Ver.	Download file name	SHA-256
bizhub 4750/4050	Controller firmware	A6F730G0132- 999	A6F730G0136 -999	bizhub4750Series_Co nt_A6F730G0136-999 .exe	9c82850813e0eea486fbf43 54abaa14d27545bed9db66 fe67fd06f60909749f2

[Download file name]

bizhub4750Series_Cont_A6F730G0136-999.exe

PRI_DLBT1404933EN_0.doc

2. Changes

The following issues have been fixed

- 1) Freezing when setting [Cestina] on [Language Selection Display] and then touching [Scan to E-mail]
- 2) Background fogging when printing a scanned document.(ex: Background is tinged with a color)

3. Restrictions

<Planned to be supported in MR of around the end of May,2014.>

- In the firmware update screen, if you do not select firmware for updating, "Check settings" and "Execute" keys will not be displayed.
- When a FAX job is forwarded to an Email, if an forward error occurs, the job will be shown as "complete" in the current jobs list.
- When an I-FAX address is assigned for TSI routing, the fax job will not be printed after forwarded to the I-FAX address.
- Deleting the next scan job via PSWC while sending a scan job to the MFP causes service call E301.
- If you use "Interruption" while printing a FAX job, you cannot print it afterward.

4. Programs to be applied at the same time

There is no specific program to be applied with this firmware.

However, using with the latest version programs is recommended.

5. How to install

Please double-click the "exe file" and extract the "prn file".

Please refer to "J. Rewriting of firmware", Service Manual.

6. OpenAPI supported function level

The following is OpenAPI supported function level on this firmware.

OpenAPI Version	4.0H
Auth	1.0/2.0/2.1/2.5/3.5/3.6/3.7/4.0
Scan	2.2/3.0/3.1/3.5/3.6/3.7/4.0
PullPrint	1.1/2.0/2.1/2.5/3.5/3.6/4.0
Other A	1.0/1.1/3.5/4.0
Job Log	1.0/3.5/3.6/4.0
Setup	1.3/2.0/2.1/2.5/3.5/3.6/3.7/3.8/4.0
Web Browser	Not supported

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Program Release Information

CSES ID-No. DLBT1408190EN00

Model: bizhub 4750/4050

Title: Mass-production Controller Firmware: Maintenance Release 3

2014/05/23

1. Release version and download file name

The newly released program version and download file name are as follows.

[Release Version]

Model	Program Name	Current Ver.	New Ver.	Download file name	SHA-256
bizhub 4750/4050	Controller firmware	A6F730G0136- 999	A6F730G0236-9 99	bizhub4750Series_Co nt_A6F730G0236-999 .exe	9a2a36d5f3216faf3a7e056 dbfdf451744d4c47bae4d91 b9cef251928318042f

[Download file name]

bizhub4750Series_Cont_A6F730G0236-999.exe

PRI_DLBT1408190EN_0.doc

2. Changes

The following settings have been added to each Function.

-Copy Function

Frame erase (Erasing text or shadows in the margins of an original)

Saturation, Color Balance in Image Adjust

Stamp/Composition (Date/Time, Page Number, Stamp, Watermark, Distribution Control Number)

-Print Function

Stamp/Composition (Date/Time, Page Number, Distribution Control Number)

-Scan Function

Frame erase (Erasing text or shadows in the margins of an original)

-Fax Function

Frame erase (Erasing text or shadows in the margins of an original)

-Applied Function

Limiting Access to Destinations

Temporarily Save Authentication Information (The authentication information can be saved temporarily when the external authentication server shuts down)

(For detailed information about above-mentioned settings, please refer to each User's Guide)

The following settings have been added to [Service Mode]

-Internet ISW Settings (Enable Settings, HTTP Server Settings, Forwarding Access Settings, Download)

-Imaging unit and Waste Toner Box in Unit Changes

-Frame Erasure HP (Frame erase default setting in Fax and Scan)

-Management Function in Billing Setting (Management function can be chosen either [Unset] or [Vendor 2])

-Modem in CS Remote Care (Wireless Modem can be used as the system in CS Remote Care)

(For detailed information about above-mentioned settings, please refer to the Service Manual)

The following setting has been added to [Administrator Settings]

-Main Menu Default Settings Function (Shortcut keys that are displayed in the main menu can be configured)

The following setting has been added to [User mode]

-Eco Info (The machine's Eco Info is displayed)

The following items has been changed

- Jam display (When the paper jam occurred, the message and the JAM code is displayed on the control panel)

3. Restrictions

The following restrictions were planned to be supported in MR of around the end of May, 2014. However, they had already been supported in the initial version.

-In the firmware update screen, if you do not select firmware for updating, "Check settings" and "Execute" keys will not be displayed.

-When a FAX job is forwarded to an Email, if an forward error occurs, the job will be shown as "complete" in the current jobs list.

-When an I-FAX address is assigned for TSI routing, the fax job will not be printed after forwarded to the I-FAX address.

-Deleting the next scan job via PSWC while sending a scan job to the MFP causes service call E301.

Program Release Information

CSES ID-No. DLBT1408190EN00

Model: bizhub 4750/4050

Title: Mass-production Controller Firmware: Maintenance Release 3

2014/05/23

-If you use "Interruption" while printing a FAX job, you cannot print it afterward.

4. Programs to be applied at the same time

Please use a driver version 1.1.6.0 or later.

The driver of version 1.0.1.0 cannot search this device by the search of the device at the time of the setup.

5. How to install

Please double-click the "exe file" and extract the "prn file".

Please refer to the Service manual [J. REWRITING OF FIRMWARE].

6. OpenAPI supported function level

The following is OpenAPI supported function level on this firmware.

OpenAPI Version	4.0H
Auth	1.0/2.0/2.1/2.5/3.5/3.6/3.7/4.0
Scan	2.2/3.0/3.1/3.5/3.6/3.7/4.0
PullPrint	1.1/2.0/2.1/2.5/3.5/3.6/4.0
Other A	1.0/1.1/3.5/4.0
Job Log	1.0/3.5/3.6/4.0
Setup	1.3/2.0/2.1/2.5/3.5/3.6/3.7/3.8/4.0
Web Browser	Not supported

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Program Release Information

CSES ID-No.: DLBT1409822EN00

Product Name: bizhub 4750/4050

Subject: The special TWAIN driver for device discovery across subnets

2014/06/11

1. Release version and download file name

Following program version is explained in this file.

[Release version]

Product name	Program name	Based version	Release version	Language	Installation type	Note
bizhub 4750/4050	KONICA MINOLTA 4750 Series Network Utility	1.0.0.0	1.0.0.0_PCD01	English	ADD Type	Windows Server2003/Vista/Server2008/7/8/8.1 (x86/x64) Server2008R2/Server2012/Server2012R2 (x64)

[Download file name]

bizhub4750Series_Win_Scanner_v1.0.0.0_PCD01.zip

PRI_DLBT1409822EN.doc (this file)

2. What changed

This driver is released for the following purposes.)

2.1. Change the way which searches by Network Utility from SLP to SNMP.

2.2. Add UI setting "SSL On/Off" and a port number to a network utility.

3. Restrictions

There is no restriction on this special driver.

4. Programs to be applied at the same time

There is no program to be applied with this special driver.

5. How to install

For details on the installation of the drivers, please refer to the User's Guide Scan Functions.

6. Note

Please be careful when you offer this program, which was just created for the specific customer.

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Program Release Information

CSES ID-No: DLBT1408196EN00

Model: bizhub 4750/4050

Title: Printer/Scanner Driver Maintenance Release for Windows/Mac

2014/05/23

1. Release version and download file name

The newly released program version and download file name are as follows.

[Release Version]

Model	Program Name	Current Ver.	New Ver.	Download file name	Language	Note
bizhub 4750/4050	PCL Printer Driver for Windows 8.1/8/7/Vista/XP Server2012R2/2012/2008R2/2008/2003	1.0.1.0	1.1.6.0	bizhub4750Series_Win_PCL_PS_XPS_FAX_v1.1.6.0.zip	JP/EN/DE/ES/FR/IT/PT/CS/NL/PL/RU/KO/ZH-CH/ZH-TW	WHCK/WHQL certified (for ALL Window OS's)
	PS Printer Driver for Windows 8.1/8/7/Vista/XP Server2012R2/2012/2008R2/2008/2003	1.0.1.0	1.1.5.0			
	XPS Driver for Windows 8.1/8/7/Vista Server2012R2/2012/2008R2/2008	1.0.1.0	1.1.5.0			
	FAX Driver for Windows 8.1/8/7/Vista/XP Server2012R2/2012/2008R2/2008/2003	1.0.1.0	1.1.3.0			
	TWAIN Driver for Windows	1.0.0.0	1.0.0.0 *1	bizhub4750Series_Win_TWAIN_v1.0.0.0.zip	JP/EN/DE/ES/FR/IT/PT/KO/ZH-CH/ZH-TW	
	WIA Driver for Windows	1.00	1.00 *1			
	Application PPD	1.0.0	1.0.0 *1	bizhub4750Series_ApplicationPPD_v1.0.0.zip	JP/EN/DE/ES/FR/IT/PT/KO/ZH-CH/ZH-TW	
	Mac OS X 10.3/10.4 PS-PPD	1.0.0	1.0.0 *1	bizhub4750Series_Mac10.3_10.4_v1.0.0.dmg	JP/EN/DE/ES/FR/IT/CS/NL/PT/KO/ZH-CH/ZH-TW	To use metric-based paper size
	Mac OS X 10.5 PS-PPD (A4)	1.0.0	1.0.0 *1	bizhub4750Series_Mac10.5_v1.0.0_A4.dmg		
	Mac OS X 10.6/10.7/10.8/10.9 PS-PPD (A4)	1.1.0	1.1.0 *1	bizhub4750Series_Mac10.6_10.7_10.8_10.9_v1.1.0_A4.dmg		To use inch-based paper size
	Mac OS X 10.5 PS-PPD (Letter)	1.0.0	1.0.0 *1	bizhub4750Series_Mac10.5_v1.0.0_Letter.dmg		
	Mac OS X 10.6/10.7/10.8/10.9 PS-PPD (Letter)	1.1.0	1.1.0 *1	bizhub4750Series_Mac10.6_10.7_10.8_10.9_v1.1.0_Letter.dmg		
	Scanner Driver for Mac OSX 10.3/10.4	1.0.0.0	1.0.0.0 *1	bizhub4750Series_Mac_Scanner_10.3_10.4_v1.0.0.0.dmg	JP/EN/DE/ES/FR/IT/PT/CS/NL/PL/RU/KO/ZH-CH/ZH-TW	
	Scanner Driver for Mac OSX 10.5/10.6/10.7/10.8/10.9	1.1.0.0	1.1.0.0 *1	bizhub4750Series_Mac_Scanner_10.5_10.6_10.7_10.8_10.9_v1.1.0.0.dmg		
	Linux PS-PPD	1.0.0	1.0.0 *1	bizhub4750Series_Linux_v1.0.0.zip	JP/EN/DE/ES/FR/IT/PT/KO/ZH-CH/ZH-TW	Including Readme file

*1 There is no change in Version of this driver.

[Download file name]

bizhub4750Series_Win_PCL_PS_XPS_FAX_v1.1.6.0.zip

bizhub4750Series_Win_TWAIN_v1.0.0.0.zip

bizhub4750Series_ApplicationPPD_v1.0.0.zip

bizhub4750Series_Mac10.3_10.4_v1.0.0.dmg

Program Release Information

CSES ID-No: DLBT1408196EN00

Model: bizhub 4750/4050

Title: Printer/Scanner Driver Maintenance Release for Windows/Mac

2014/05/23

bizhub4750Series_Mac10.5_v1.0.0_A4.dmg
bizhub4750Series_Mac10.6_10.7_10.8_10.9_v1.1.0_A4.dmg
bizhub4750Series_Mac10.5_v1.0.0_Letter.dmg
bizhub4750Series_Mac10.6_10.7_10.8_10.9_v1.1.0_Letter.dmg
bizhub4750Series_Mac_Scanner_10.3_10.4_v1.0.0.0.dmg
bizhub4750Series_Mac_Scanner_10.5_10.6_10.7_10.8_10.9_v1.1.0.0.dmg
bizhub4750Series_Linux_v1.0.0.zip
PRI_DLBT1408196EN_0.doc

2. Changes

The following setting has been added.

Stamp/Composition (Date/Time, Page Number, Distribution Control Number)

The following issue has been fixed.

Radar chart is not correctly printed in Excel

3. Restrictions

Please use this driver version 1.1.6.0 or later when upgrading to the Controller Firmware [A6F730G0236-999].

Otherwise, it cannot search this device by the search of the device at the time of the setup.

4. Programs to be applied at the same time

There is no specific program to be applied with this printer driver.

However, using with the latest version programs is recommended.

5. How to Install

For details on the installation of the drivers, please refer to the User's Guide: Print Functions.

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KONICA MINOLTA

Bulletin

SOLUTIONS SUPPORT DIVISION

Bulletin Number 7689

Date: 11/05/10
From: SSD
Subject: New Enhancements to Warranty Solution
Service Communications: 128

In our continuing efforts to simplify our warranty claim process, Konica Minolta Service Operations is pleased to inform you that several new functional enhancements have been implemented to the KMBS Warranty Solution.

Specifically, we have modified the online warranty claim form with a “**Get Invoice**” option to make it easier to submit claims to KMBS. This enhancement offers Dealer Users new functionality that auto-populates the Konica Minolta invoice number associated with the product serial number as entered for an original part warranty claim. This feature is available for all standard and 3-Year Program warranty claims for advance-exchange or credit as submitted in mykonicaminolta.com.

As of today, KMBS Service Operations has made several other enhancements to the online Warranty Solution and they are detailed below.

The changes are being implemented based on feedback received from our Dealer Channel users. KMBS Service Operations welcomes our Business Partners continued feedback on our warranty programs in order for us to provide the proper tools for a successful partnership.

Please note that replacement part(s), and supply items submitted as Yield & Performance Protection claims, are not enabled under the “**Get Invoice**” enhancement.

Thank you for your continued support.

Service Operations
Konica Minolta Business Solutions, Inc.

1. Get Invoice

When you are submitting a warranty claim **for an original part failure** on a unit under warranty you will no longer have to provide an invoice number. When you select original part on the claim form and enter the product serial number, the invoice will be auto populated.

Please note: The **MAP Account** radio button has been removed.

Konica Minolta Warranty Services - Windows Internet Explorer

http://testkmbs.konicabt.com/warrantyclaims/home.aspx

File Edit View Favorites Tools Help

Konica Minolta Warranty Services

Home Service Learning Products Pricing Working w/KMBS Newsroom KMBS 411

You are here: [Home](#) > KMBS Warranty Services [Logout](#)

KMBS Warranty Services

Warranty Advance Exchange RA/Claim

New RA/Claim

* Part Type: ☐ Original ☐ Replacement **Select: Original Part Type**

* Part Damaged in Shipping: ☐ Yes ☐ No

* Sold to:

* Ship to:

* Part No:

* Overnight Shipping: ☐ Yes ☒ No

* Failure Date: (mm/dd/yyyy)

* Failure Reason:

* Machine Install Date: (mm/dd/yyyy)

* Email: ☒
Please use a semicolon(;) to separate multiple emails.

* Contact Name:

Tech Support Call Id:

Technician's Name:

Customer PO No:

Problem/Comments:

Konica Minolta Warranty Services - Windows Internet Explorer

http://testkmb.konicabt.com/warrantyclaims/home.jspx

File Edit View Favorites Tools Help

Home Service Learning Products Pricing Working w/KMBS Newsroom KMBS 411

You are here: [Home](#) > KMBS Warranty Services [Logout](#)

KMBS Warranty Services

Warranty Advance Exchange RA/Claim
New RA/Claim [Menu](#) | [Next](#)

* Part Type: ☒ Original ☐ Replacement

* Serial No: [Get Invoice Details](#)

* Invoice No:

* Model Description:

* Soldto:

* Shipto:

* Part No:

* Overnight Shipping: ☐ Yes ☒ No

* Failure Date: (mm/dd/yyyy)

* Failure Reason:

* Machine Install Date: (mm/dd/yyyy)

* Email: ✓
Please use a semicolon(;) to separate multiple emails.

* Contact Name:

Enter Product SERIAL NUMBER
and click "Get Invoice Details"

Konica Minolta Warranty Services - Windows Internet Explorer

http://testkmb.konicabt.com/warrantyclaims/home.jspx

File Edit View Favorites Tools Help

Home Service Learning Products Pricing Working w/KMBS Newsroom KMBS 411

You are here: [Home](#) > KMBS Warranty Services [Logout](#)

KMBS Warranty Services

Warranty Advance Exchange RA/Claim
New RA/Claim [Menu](#) | [Next](#)

* Part Type: ☒ Original ☐ Replacement ✓

* Serial No: ✓
[Get Invoice Details](#)

* Invoice No: 34456268

* Model Description: BIZHUB C353 PRI

* Soldto:

* Shipto:

* Part No:

* Overnight Shipping: ☐ Yes ☒ No

* Failure Date: (mm/dd/yyyy)

* Failure Reason:

* Machine Install Date: Feb 17, 2010


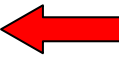
* Email: ✓
Please use a semicolon(;) to separate multiple emails.

* Contact Name:

Invoice Number will auto populate.
Continue submitting rest of the
required information to complete your
claim

2. Additional Text added to Packing Slip

In addition to the RA Number currently displayed on the KMBS Packing List of your Warranty Parts Shipment, you will now find the **Model, Serial Number, Contact Name and Tech Name** also printed on the packing list. This should assist you in identifying and distributing warranty parts to your technicians. This information will also be printed on the KMBS invoice and credit memos.

PRODUCT PACK LIST		Date: _____ Page: 1 of 1 Ship Date: 11/03/2010
 KONICA MINOLTA	Order Number:  311131108	PO #:  700184374
		Delivery #:  3006058455
<hr/>		
Invoice To: _____ INC	Order Date: 11/03/2010 Payment Terms: 0006: NET 30 DAYS Freight Terms: Freight Prepaid No Charge F.O.B.: KMBS Loading Dock Salesperson: _____ Waybill: _____ Ship Via: UPS 2ND DAY 4:30 p.m. (BLUE) Order Type: Subs.Deliveries Required Pickup/Delivery: 11/03/2010	
<hr/>		
Ship From: _____ KONICA MINOLTA BUSINESS SOLUTIONS U.S.A., INC. 420 INTERNATIONAL BLVD SUITE 300 BROOKS KY 40109	Intermediate Consignee: _____	
<hr/>		
KMBS warranty replacement order for claim RA # 700184374. Thank you. Model: BIZHUB 222 Serial No: A11W011009924 Contact Name: Melissa Technician's Name: Izzy Sanchez		
<div style="display: flex; align-items: center; justify-content: center;"><div style="margin-right: 20px;"></div><div style="border: 1px solid black; padding: 5px; background-color: white;">Additional Claim Information Details...</div></div>		
0001  A02FM40002	Description Power supply	Weight/ 2.778
		CN 1 1
Totals:		1 1 0 2.778
<hr/>		
NMEC Summaries:		Rate Weight
N/A		0 3
<hr/>		
Signature: _____		
Date/Time: _____		
Meter Reading: _____		

3. Outbound Order Number and Core Return Address Added to Warranty Claim Notification eMail Messages

In order to assist in tracking your replacement warranty parts, Service Operations has added the **KMBS Sales Order number** to the e-mail notifications from the Warranty Solution. Further, the defective core return KMBS Ship-To address has also been added to all emails for easy reference.

Example:

Dear KMBS Business Partner:

We have received your warranty claim RA # 700184378 with the following information:

Claim Type: Warranty Advance Exchange RA/Claim

Bill to KMBS Customer Acct No: 12546

KMBS Customer Name: KMBS

Address: 101 Williams Drive

Ship to Acct: 25489

Outbound Sales Order: 3000031115

Model Description: BIZHUB 222

Serial No: A11W011000000

Part Type: Original

Part No: A02FM40002

Part Description: Power supply

Overnight Shipping: No

Part Damaged in Shipping: No

SSD T/S - CRC Ticket No.:

Failure Reason: Mechanical Failure

Problem/Comments: Please contact KMBS Service Operations at ServiceOps1@kmbs.konicaminolta.us for questions on this claim.

**** Please do not reply to this message. ****

All warranty, YPP, FOC, and Special Program Core returns must be shipped to:

KMBS Warranty Recovery Center

31 Elkay Drive

Chester, NY 10918

Please direct any questions on these new warranty enhancements to the Service Operations Team at serviceops1@kmbs.konicaminolta.us. Thank you.

Subject: bizhub 4750/4050 Technical Training Announcement

Technical Education: 403

The Technical Training and Development Group of Konica Minolta Business Solutions U.S.A., Inc. announces training for the bizhub 4750/4050.

The bizhub 4750/4050 machines are a great complement to Konica Minolta's A3 MFP lineup. These compact machines offer an instant-ON fuser system for first page out time as fast as 8 seconds, multiple input options - up to 2,300 pages, standard automatic duplex that saves paper, a standard equipment network port, and an up to 20,000-page toner cartridge. The 7-inch touch panel mounted on the machine achieves operability comparable to competing A3 models and the INFO-Palette design concept offers a unified user interface. The bizhub 4750 and 4050 offer a wealth of copy and scan functions, security functions, and management functions.

Technicians can be certified online for these products by completing the bizhub 4750/4050 (WBT) learn track which contains the following two courses:

bizhub 4750/4050 Engine WBT
bizhub 4750/4050 Controller and Fax WBT

These courses familiarize students with the engine and controller components in the bizhub 4750/4050 system. Topics include:

- Product Overview/System Configuration
- Installation Precautions
- Theory of Operation
- Options and Field Service
- PageScope Web Connection, Copy, Print, Scan, Fax, i_Option, Authentication and Security Functions

To register for the bizhub 4750/4050 (WBT) learn track:

1. Log in to MyKonicaMinolta.com
2. Click on the Learning Tab
3. Enter "**4750**" in the search box located in the upper right hand corner and click Search
4. Click on the register button next to the 'bizhub 4750/4050 (WBT)' and follow the on-screen instructions

Managers can also use the Learn Track Registration option within the Admin Menu to register their employees.

Please email techtrain@kmbs.konicaminolta.us or call (860) 683-2402 Ext. 2198 for questions related to Technical Training.

Subject: Startup Parts

bizhub 4050:

bizhub 4750:

Supersedes Bulletin #9334 dated 6/30/14. Reissued to correct the part number for the Fuser unit.

The following table contains the recommended startup items for the bizhub 4050 and 4750 models. Multiply the quantities recommended by the number of machines in the field to aid in determining your overall stocking level.

Parts and supplies can be ordered using standard ordering procedures.

bizhub 4050, 4750 Startup Parts List



For replacement procedures, refer to the Field Service Manuals.

Section	Description	Item No.	Qty.	Replacement Interval
Main Body				
User items¹	Imaging unit, IUP20 (Return program)	A6VM03V	1	60,000
	Imaging unit, IUP21 (Standard)	A6VM03W	1	60,000
	Toner cartridge, TNP44 (Return program)	A6VK01F	1	20,000
	Toner cartridge, TNP46 (Standard)	A6VK01W	1	20,000
Technician items^{2,3}	Tray separation roller	A63NPP1C00	1	200,000
	ACM pick tire	A63NPP1000	1	200,000
	MPF pick roller/separation pad	A63NPP1100	1	200,000
	Transfer roller	A63NPP0Y00	1	200,000
	Fuser unit	A63NPP0N00	1	200,000
	Redrive assembly	A6F7PP0Q00	1	200,000
	ADF separation roller	A6WDPP1500	1	200,000
	Maintenance Kit ⁴	A6F7PP0T00	1	200,000

1. Supply item. Replacement intervals are approximate, based upon usage characteristics including copy/print density and coverage.
2. Replace all rollers in this group at the same time.
3. Items intended for replacement by technician. All other items are intended for consumer replacement.
4. Includes all technician items listed above. Excludes toner, imaging unit.

Subject: SSD Mobile Access: It's Not Just for Smartphones

Service Communication: 171

In response to a number of inquiries, we are pleased to announce that the hugely popular SSD Mobile Access is not just for mobile devices. You can access all of the features of Mobile Access from any desktop or laptop computer – just like you would from a smartphone.

Using a computer gives you the advantages of working with larger screen real estate, making it even easier to see information at a glance, minimizing scrolling. And, of course, you can keep all of your other application windows running to help you maintain an efficient work environment.

SSD Mobile Access includes the following modules*:

- | | | |
|----------------------------|-----------------------------------------------------|-------------------|
| ✓ Search the Knowledgebase | ✓ Open Tickets /
All Open Tickets (for Managers) | ✓ MyKonicaMinolta |
| ✓ Help | ✓ Suggestions | ✓ Warranty |
| ✓ Mobile Manuals | ✓ Schedule Me | ✓ DSM Connect |
| ✓ vCare Search | ✓ Contact Center Hold Times | ✓ View Me |

** Access to all modules requires a valid login on MyKonicaMinolta.com. All Open Tickets is restricted to authorized managers. Modules are subject to change.*



To reach SSD Mobile Access from a computer, simply point your browser to:

<http://onyxweb.mykonicaminolta.com/kb>

We suggest that you bookmark this location for easy future access.

Note: When using SSD Mobile Access from a computer, the heading is presented as “SSD Web Access”. Although both modules provide access to the same information, the “mobile” version has been optimized to provide the best experience when using small screens typically found on smartphones and tablets.



KONICA MINOLTA

Service Communication Bulletin

Solutions Support Division

Bulletin #: 8661

Date: 02/20/13

Subject: HTML version Service Manuals now accessible directly from MyKonicaMinolta.com

Service Communication: 161

Have you ever gotten frustrated by the time required to download a service manual just to answer a simple question? Or maybe, you have a lack of hard drive space and don't want to download manuals? What about referring to a manual that you have saved to your laptop, only to find out later that your version manual was out of date and the procedure has been updated or the setting changed?

Well, welcome to the future of service documentation for Konica Minolta Business Solutions, U.S.A., Inc.

Service Communications is pleased to announce that HTML version service manuals are now available from MyKonicaMinolta.com.

These HTML version manuals are optimized for access on laptops and PC's. They are accessed via MKM.com in the same manner as previous versions; pages can be viewed quickly without downloading; and since you are not required to save them locally, you never have to worry about versioning again! Let us take care of that for you!

Whenever you access HTML service manuals online you will quickly and easily have access to the latest version.

Now, for those of you that resist change or have the need to store files locally, rest assured that you still can – but beware of those versioning issues!

As a reminder, mobile version HTML manuals that are optimized for the small screens on smartphones, and similar devices are also available through the SSD Mobile Applications announced in Service Communications Bulletin #8107. To access Mobile Manuals, you must use the **Opera Mobile** browser, you must be logged in to **MKM.com** and you must point your browser to <http://onyxweb.mykonicaminolta.com/kb>.

Subject: One Stop Product Support - Improvements and Enhancements

Service Communication: 174

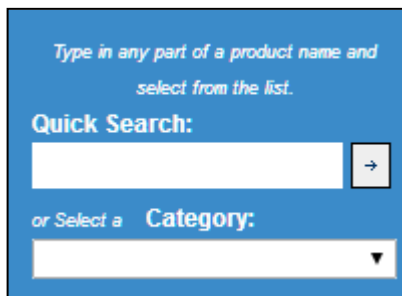
This bulletin supplements Bulletin #8277 dated 2/28/12, describing the many improvements to One Stop Product Support.

Since its introduction in February, 2012, the One Stop Product Support page has undergone many changes to make it easier to use and to provide access to a broader array of resources. As a result, One Stop has become much more of a single point of entry to obtain relevant information to help you support Konica Minolta products. Following are some of the most significant changes.

HOW DO YOU WANT TO FIND INFORMATION?

One Stop is designed to make it easy for you to find the information that you need. Understanding how One Stop is structured can help speed you to the resources that will best meet your needs.

Technical, by Model



Type in any part of a product name and select from the list.

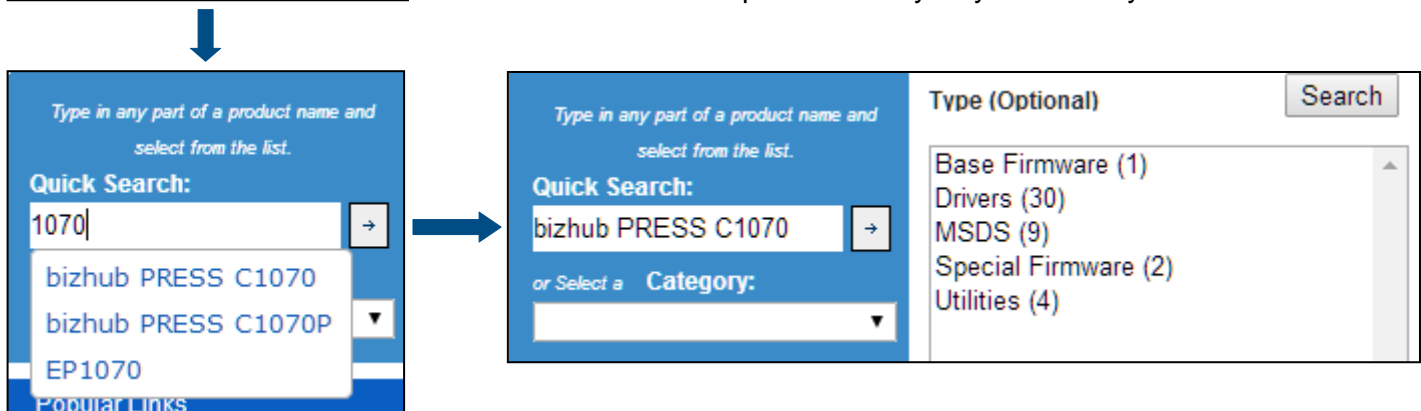
Quick Search:

 →

If you are thinking about a particular model, you'll appreciate the new Search box.

If you know the model number, just type it – or a portion of it – into the **Quick Search** box. When you click the arrow or press enter, you'll be presented with a list of models that meets your criteria.

Click on the model, and then start selecting information from the pick lists that follow. This is a quick and easy way to narrow your search.



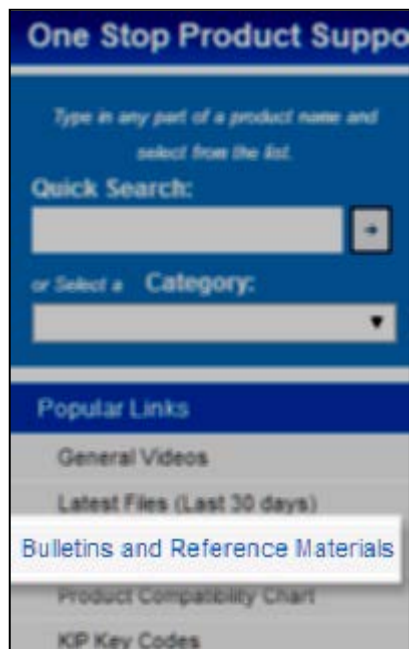
Type in any part of a product name and select from the list.

Quick Search:

 →

If you're not sure about the model, you can select a product Category, and then pick your model from the list presented.

Technical and More, by Type of Information



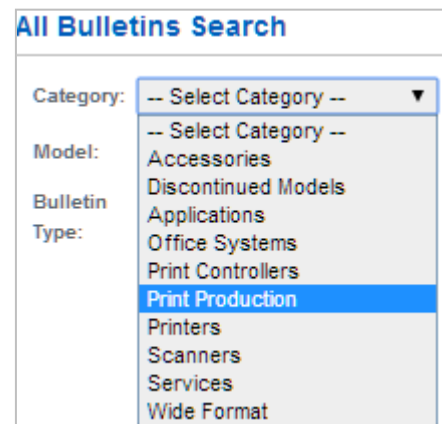
A new menu item gives you express access to the complete library of **Bulletins and Reference Material**. Clicking this link, located on the left side of the screen, will take you to a page with two important sectors: Product Reference Materials, and All Bulletins Search.

All Bulletins Search

This selector guides you through Konica Minolta's extensive collection of bulletins – more than technical bulletins – to help you find just what you're looking for.

After narrowing your choices by product category and model (or even Application), you can choose from several Bulletin Types:

- General (Marketing)
- Technical
- Service Communication
- Training



Product Reference Materials

A wide variety of reference materials is available to help you understand Konica Minolta products and services so that you can better support your customers.

Product Reference Materials

The Product Reference Library has the latest product support information. To begin your search first select product category, model, reference material and document type using the boxes below.

[Click here to view the category matrix](#)

Category	Model	Reference Material	Doc Type
-- Select Category -- Accessories Applications Office Systems Print Controllers Print Production	OpenText FaxPress OpenText RightFax OpenText RightFax Express Pagescope PageScope Address Book PageScope Box Operator	Product Materials Drivers & Downloads	Competitive Information(1) Job Shops(4) Presentations(2)

<< < ... 1 ... > >>

Sort by: [Date](#) / [Name](#) / [Size](#) Show: 10 / 20 / All

PageScope Overview for the bizhub PRO 1050/ 0.92 MB
This is the bizhub PRO 1050 PageScope powerpoint overview.
[Download](#) Modified: 12/13/2004

PageScope PowerPoint/ 3.27 MB
This is the PageScope powerpoint.
[Download](#) Modified: 01/03/2005

Find what you're looking for by selecting the items in the Category, Model, Reference Material, and Doc Type fields. When you have drilled down, you will be presented with the final documents to choose from.

The Category Matrix shows the type of information available via this powerful information source.

<u>New Product Marketing Materials Categories</u>				
Environmental Declarations Environmental Declarations	Artwork & Marketing Posters Product Images & Logos Copy points Launch material price/resource list Reviewer's tip sheet Web banner Ad mats / mailers Line Art Customizable Word Flyer	Competitive Info Competitive guides Side-by-Side competitive Competitive reports TCO Calculators	Job Shops All Job Shops	Print Samples Digital print sample files Demo kits Banner Sample Files
Spec & Config Sheets Configuration Sheets Specification Sheets Sell Sheets Data Sheets Specification & Installation Guide	Awards Any industry awards	Brochures Business Solutions at a glance i-Option Sell Sheet XPS/DPWS Brochure Power for IT Prof. Brochure bizhub Office Brochure Product Brochures (all brochures that cross product lines)	Case Studies & White Papers Any White Papers Case Studies	Presentations Product PowerPoint files (.ppt) Flash Multimedia Files (.swf)
Sales Tools All Media Guides Warranties Basic Operations FAQs Product and Sales Guide Distribution Data Sheet Release Notes	Manuals Installation Manuals Parts Catalogs User Guides Service Manuals Miscellaneous			

Subject: Successful Searching on MyKonicaMinolta.com

Service Communication: 175

It happens to all of us more often than we would like: You want to refer to a document that you know you saw sometime in the past, but you can't find it. Perhaps it involved pricing, or a revised technical procedure, or a policy. The question you ask yourself is, "Where did I see it?"

There is a very good chance that what you are looking for is available on MyKonicaMinolta.com. There is an enormous amount of data there for the taking. But actually finding the one thing you need can be a daunting task. It's possible to spend many minutes – even hours – trying to find a particular piece of information, like finding the proverbial needle in a haystack.

MyKonicaMinolta.com has a terrific SEARCH feature designed to help you find just what you need in a matter of minutes – or even seconds – to help you be more productive, make better decisions, and impress those around you. Use the explanation and examples below as a guide to help you look like a hero when it comes to finding information!

Where's the Search?

The Search box is located near the top right corner of the screen when you first login to MyKonicaMinolta.com. Simply type in your search term and press Enter (or click the "Go" button).



By design, MyKonicaMinolta.com will search all of the sources listed on the menu bar: Sales, Marketing, Service, Learning, etc. and will show results based upon your login credentials.

Search Tips

- **Use simple terms.** You usually will get the best results by using simple search terms. For example, searching for "spec" will give return more results than "specification".
- **Be sure you spell things correctly.** A simple mistake such as "protectin" instead of "protection" will make a very large difference in the search results.
- **Complex terms may not get you what you want.** If you're looking for information about surge protection, you will likely get better results with "power" instead of "power filter" or "power protection", because different document may use different terminology.

What do I get when I search?

When you do an initial search, you will see a screen that shows results from each of the sources, like this:

KONICA MINOLTA

Home Sales Marketing Service Learning Logistics Products Pricing Rewards ITS KMBS411 Search go

All Sources ▼ power Search

2 results found in Products Showing 1 - 2

Title

[bizhubPRO 1600P2000P2500P Hovmand Power Lift External Service Manual](#)
bizhubPRO 1600P/2000P/2500P Hovmand Power Lift External Service Manual.

[magicolor 8650 Installation Guide - multilingual](#)
magicolor 8650 Installation Guide - multilingual. Updated 04/2008 Added explanation of the power cord clamp and screw.

29 results found in Sales Showing 1 - 5

Title

[Innovolt Power Filters TUPSS Matrix](#)
Download. Modified: 07/07/2011.

[ESP Power Filters TUPSS Matrix](#)
Download. Modified: 07/07/2011.

[13-DB-100 - ESP Power Filters](#)
Download. Modified: 02/06/2014.

[Business Development Strategies - Power Up Jan. 2011](#)
Download. Modified: 06/13/2011.

[09-DB-062 bh PRO 1200 Space and Power Requirements](#)
Download. Modified: 10/01/2009.

18 results found in Marketing/Advertising Showing 1 - 5

Title

[ESP BEI Services Power Protection Study](#)
Download. Modified: 03/14/2014.

[ESP SurgeX Power Events Meter Study](#)
Download. Modified: 03/14/2014.

[ESP Power Filter Matrix](#)

- Results are grouped by source. If there is nothing from a particular source that matches your search term, that source will say “No results found in xxxx.”
- Simply click on a document link to open that document in a new tab or window (depending upon your browser settings).

How many results are there?

2 results found in Products

Title

[bizhubPRO 1600P2000P2500P Hovmand Power Lift External Service Manual](#)
bizhubPRO 1600P/2000P/2500P Hovmand Power Lift External Service Manual.

[magicolor 8650 Installation Guide - multilingual](#)
magicolor 8650 Installation Guide - multilingual. Updated 04/2008 Added explanation

29 results found in Sales

Title

[Innovolt Power Filters TUPSS Matrix](#)
Download. Modified: 07/07/2011.

[ESP Power Filters TUPSS Matrix](#)
Download. Modified: 07/07/2011.

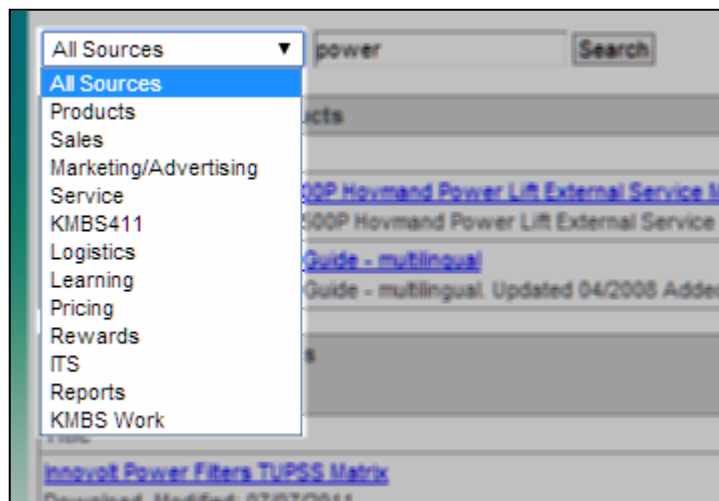
[13-DB-100 - ESP Power Filters](#)
Download. Modified: 02/06/2014.

The number of results from each source is shown in the header for that source. Initially, up to 5 results will be displayed.

If more results are available, you can click the arrow at the right side of the header to display the next group.

Showing 1 - 5

Is there a faster way to browse results?



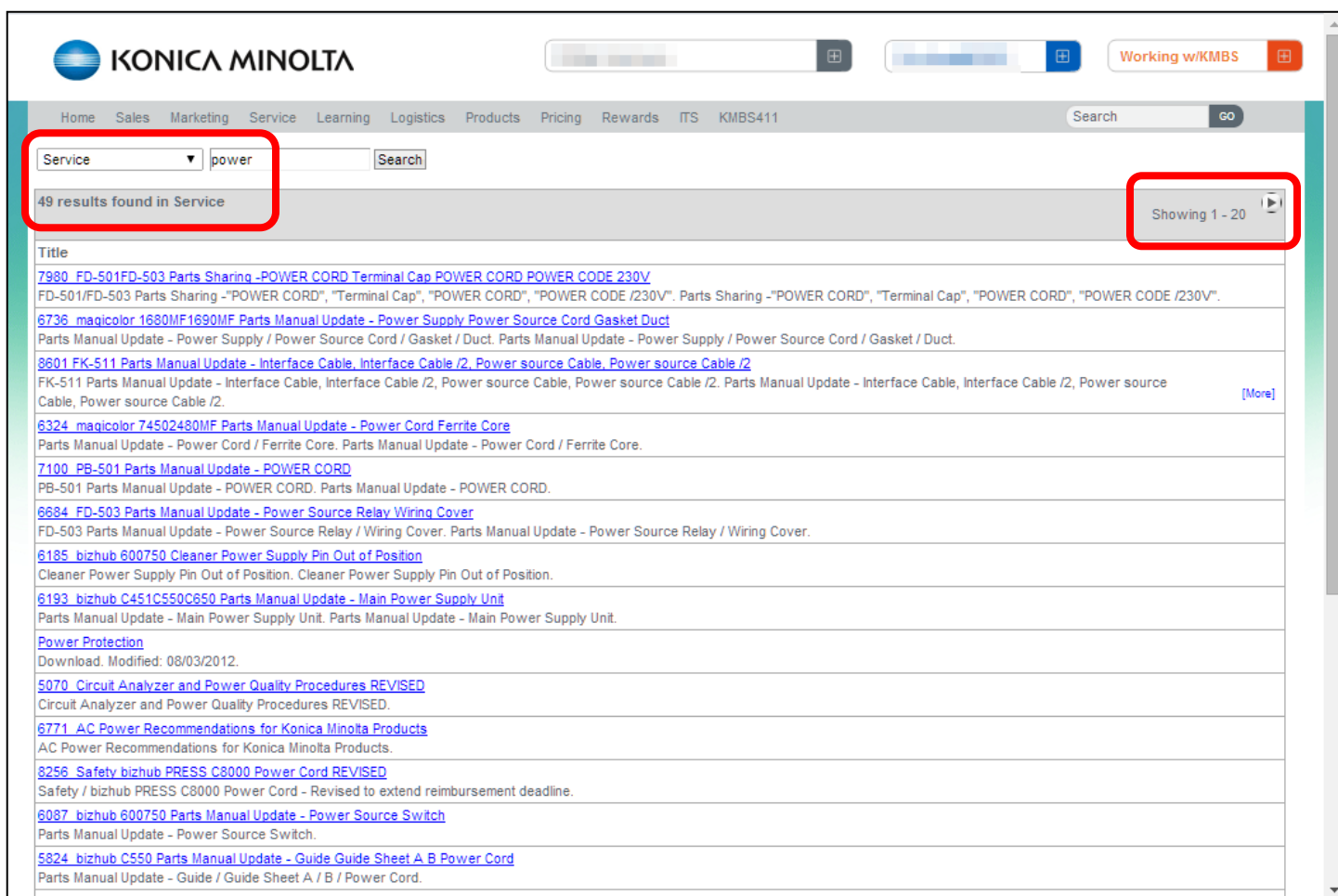
Based upon the original search results, you might decide that what you are looking for is mostly likely to be in just one of the sources.

If that's the case, you can confine your search to that one source by selecting it from the drop-down list.

Re-run your search after selecting the source.

You can repeat your search for different sources as often as you like.

When you search a single source (instead of All Sources), you will get a much larger list of documents that may have the information you're looking for.



In this example, the search for "power" was confined to the source "Service".

Depending upon your topic and your search terms, there may even be multiple pages of these results. However, this list can be much faster to peruse than the short 5-item "All Sources" list.

What makes MyKonicaMinolta.com's Search feature so powerful?

The Search feature doesn't confine itself just to what shows up on a few web pages. Instead, it searches a great number of repositories to find relevant information. In any large corporation, information tends to become "siloed" in different areas in order to meet business needs. MyKonicaMinolta.com leverages that structure to pick out the most meaningful information.

Note that not every link will take you directly to a specific document. For some things, you will be taken to an embedded web function, such as the firmware and driver selectors in One Stop Product Support, where you can further refine your query.

Subject: National Solutions Group

Service Communication: 177

The Konica Minolta Solutions Support Division SSD is pleased to announce the formation of the National Solutions Group, which is solely dedicated to providing technical assistance for Solutions in the form of Pre-sale, Installation and Post-sale support.

NSG is an integrated team comprised of both regional field specialists and subject matter experts working in our Windsor-based labs. The mission for the NSG is to offer the highest, most efficient level of Solutions Support, and to do so on a national level.

In addition to offering World Class integration services, NSG has the ability to escalate both internal and external customer issues directly to our various Solutions vendors as well as Konica Minolta, Inc., Japan whenever necessary. The NSG team is prepared to provide callers with efficient phone support, remote support and field support with a higher level of expertise. Our goal is to provide a top-flight solutions integration experience for our dealers and branches and, most importantly, your customers.

Additionally NSG has established a faster and easy communication channel, using a new toll free number dedicated for Solutions **only**. The toll-free NSG number allows callers to have access to a highly trained Solutions Support Advisor. If your solution is contractually supported by the vendor, your call will be routed directly to them.

Please contact NSG at 855-315-8324 for all your Solutions support.

We look forward to helping you with your Solutions support needs!

Subject: Solutions Support: New Dedicated Phone Number

Service Communication: 178

We are pleased to announce a new toll-free telephone number dedicated to support of the many solutions that are sold and supported by Konica Minolta.

Effective May 27, 2014, all calls for **Solutions Support** should be directed to the new telephone number:

855-315-8324 (toll free)

Using this new toll free number will help speed you on your way to getting the answers you need.

- You have only **one number** to call for support on **any solution**.
- **Solutions supported directly by the Contact Support Center (CSC)**

These calls will be routed to our specialized tiered Solutions Group within the CSC. These solutions include applications such as PageScope, eCopy, Equitrac, Dispatcher Phoenix, and others. Normal training requirements apply.

- **Solutions supported by vendors**

Calls involving solutions that the CSC does not support directly will be routed automatically to the appropriate vendor support resource. You no longer need to search for a particular resource's phone number.

Subject: Critical Accident Reporting (CAR) Procedure

Service Communication: 180

On rare occasions, an extraordinary incident which merits additional follow-up by Konica Minolta may occur. These incidents include those where a machine apparently exhibits smoke or flame, or where personal injury or property damage occurs. Konica Minolta must follow up on incidents of this nature on a timely basis, even if caused by human error, to identify specific causes of machine failure and to develop solutions or corrections to prevent future occurrences.

In an instance of this nature, **notify the SSD Contact Support Center (CSC) at 800-825-5664 as soon as you learn about the situation.** The CSC will provide guidance regarding proper handling and resolution of the situation. The CSC responsibility includes obtaining information from the field and communicating with Konica Minolta management, branch and dealer personnel, and end users, as appropriate.

IMPORTANT

In order to protect Konica Minolta's interests, it is important that you call the CSC *before rendering any service* on a machine involved in a Critical Accident.

SSD will assess the incident and advise the technical manager of any actions that may be required, such as obtaining the service history, impounding the machine, or providing specific parts for analysis.

Incidents that qualify as Critical Accidents include the following, which is only a partial list:

- Bodily injury (burns, electrical shock, health concerns)
- Property damage
- Smoke, flame, scorching
- Offensive odor
- Abnormal heat generation
- Reports of extreme or extensive damage
- Suspicion of product safety

A complete description of situations that are covered under the CAR procedure can be found on pages 2-19 through 2-22 in the SSD Policies and Procedures, which can be found on One Stop Product Support on MyKonicaMinolta.com using this link:

<http://onyxweb.mykonicaminolta.com/OneStopProductSupport?appMode=Internal>.



Product Name: TNP40/TNP41/TNP42/TNP43/TNP44/TNP46,
IUP18/IUP19/IUP20/IUP21

Prepared Date:3-Jul-2013

Revised Date: 23-Oct-2013

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: TNP40/TNP41/TNP42/TNP43/TNP44/TNP46, IUP18/IUP19/IUP20/IUP21
used for: 4750, 4050, 4020, 3320

Supplier Identification:

Konica Minolta Business Solutions U.S.A., Inc.
100 Williams Drive, Ramsey, New Jersey 07446, U.S.A.
Telephone: 201-825-4000

Emergency Telephone No.

CHEMTREC
Telephone: 1-800-424-9300

2. COMPOSITION / INFORMATION ON INGREDIENTS

Substance [] Preparation [X]

Major Ingredients:

[Generic Name]	[CAS No.]	[%]
Polyester resin	+++	75-85
Iron oxide	1317-61-9	3-7
Carbon black	1333-86-4	3-7
Amorphous silica(modified)	+++	1-3
Polymer wax	+++	1-5
Titanium dioxide	13463-67-7	0.1-1

+++ : Supplier's confidential information

Hazardous Ingredients:

Chemical Name: Carbon black (3-7%)

CAS No.: 1333-86-4

OSHA Z-Tables(USA): 3.5mg/m³

NTP(USA): Not listed

California Proposition 65(USA): Listed

Symbol(EC): Not listed

DFG-MAK(GER): III 3B

EEC-No.: 215-609-9

ACGIH-TLV(USA): 3mg/m³

IARC Monographs: Group 2B

R-Phrase(EC): Not listed

Worksafe-TWA(Austl): 3mg/m³

Chemical Name: Titanium dioxide (<1%)

CAS No.: 13463-67-7

OSHA Z-Tables(USA): 15mg/m³

NTP(USA): Not listed

Symbol(EC): Not listed

EEC-No.: 236-675-5

ACGIH-TLV(USA): 10mg/m³

IARC Monographs: Group 2B

R-Phrase(EC): Not listed

Worksafe-TWA(Austl): 10mg/m³



Product Name: TNP40/TNP41/TNP42/TNP43/TNP44/TNP46,
IUP18/IUP19/IUP20/IUP21

Prepared Date: 3-Jul-2013

Revised Date: 23-Oct-2013

3. HAZARDS IDENTIFICATION

Emergency Overview: Black powder.

Almost odorless.

Classification: Not classified as dangerous. (1999/45/EC)

Most Important Hazards and Effects of the Products

Ingestion Effect: None currently known.

Inhalation Effect: None currently known. Minimal respiratory tract irritation may occur as with exposure to large amount of any non-toxic dust.

Eye Effect: None currently known.

Skin Effect: None currently known.

Chronic Effects: Prolonged inhalation of excessive dusts may cause lung damage. Use of this product, as intended, does not result in inhalation of excessive dust.

Environment Hazards: No data are available on the adverse effects of this product on the environment.

Specific Hazards: Dust explosion (like most finely divided organic powders)

4. FIRST-AID MEASURES

Ingestion: Wash out mouth with water. Drink one or two glasses of water. If symptoms occur, get medical attention.

Inhalation: Move victim to fresh air immediately. If symptoms occur, get medical attention.

Eye Contact: Immediately flush eyes with plenty of water for 15 minutes. If symptoms occur, get medical attention.

Skin Contact: Wash with water and mild soap.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: CO₂, water spray, foam and dry chemical

Extinguishing Media to Avoid: Full water jet

Fire and Explosion Hazards: If dispersed in air, like most finely divided organic powders, may form an explosive mixture.

Protection of Firefighters: Use self-contained breathing apparatus (SCBA).

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: None

Environmental Precautions: None

Methods for Cleaning Up: Wear personal protective equipment (See Section 8). Vacuum or sweep material and place in a bag and hold for waste disposal. Use vacuum equipped with High Efficiency Particulate Air (HEPA) filter. Vacuum should be electrically bonded and grounded to dispel static electricity. To avoid dust generation, do not sweep dry.



Product Name: TNP40/TNP41/TNP42/TNP43/TNP44/TNP46,
IUP18/IUP19/IUP20/IUP21

Prepared Date: 3-Jul-2013

Revised Date: 23-Oct-2013

7. HANDLING AND STORAGE

Handling

Technical Measures: None

Precautions: Do not breathe dust. Avoid contact with eyes.

Safe Handling Advice: Try not to disperse the particulates.

Storage

Technical Measures: None

Storage Conditions: Keep container closed. Store in a cool and dry place. Keep out of reach of children.

Incompatible Products: None

Packaging Materials: Bottles or Cartridge designated by Konica Minolta.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures

Ventilation: None required with intended use.

Control Parameters(As total dust)

ACGIH-TLV(USA): 10mg/m³ (Inhalable particles), 3.0 mg/m³ (Respirable particles)

OSHA-PEL(USA): 15mg/m³ (Total dusts), 5.0 mg/m³ (Respirable fraction)

DFG-MAK(GER): 4mg/m³ (Inhalable fraction), 1.5mg/m³ (Respirable fraction)

Worksafe-TWA(Austl.): 10mg/m³

Personal Protective Equipment

Not required under normal conditions. For use other than in normal operating procedures (such as in the event of large spill), goggles and respirators may be required.

Hygiene Measures: Wash hands after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State: Solid

Color: Black

Form: Powder

Odor:

Almost odorless

PH

Not applicable

Boiling Point(°C):

Not applicable

Melting Point(°C)/[F]:

No data available

Flash Point(°C):

Not applicable

Ignition Temperature(°C):

No data available

Explosion Properties:

No data available

Vapor Pressure:

Not applicable

Specific Gravity:

Not determined

Solubility:

Insoluble in water.



Product Name: TNP40/TNP41/TNP42/TNP43/TNP44/TNP46,
IUP18/IUP19/IUP20/IUP21

Prepared Date: 3-Jul-2013

Revised Date: 23-Oct-2013

10. STABILITY AND REACTIVITY

Stability: Stable except above 200C(392F).
Hazardous Reactions: Dust explosion, like most finely divided organic powders.
Conditions to avoid: Electric discharge, throwing into fire.
Materials to Avoid: Oxidizing materials.
Hazardous Decomposition Products: CO, CO₂, NO_x and smoke.
Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

Ingestion(oral), LD₅₀(mg/kg): >5000(Rat)
Dermal, LD₅₀(mg/kg): No data available
Inhalation, LC₅₀(mg/l): No data available
Eye irritation: No data available
Skin irritation: No data available

Skin sensitizer:

No data available

Local Effects: see Chronic Toxicity or Long term Toxicity

Chronic Toxicity or Long Term Toxicity:

In a two-year inhalation study of chronic toxicity and carcinogenicity using a typical toner in rats, there were no lung changes at all in the lowest exposure level (1mg/m³), the most relevant level to potential human exposures. A minimal to mild degree of fibrosis was noted in 22% of the animals at the middle exposure level (4mg/m³), and a mild to moderate degree of fibrosis was observed in 92% of the rats at the highest exposure level(16mg/m³). The lung changes observed in the higher exposure groups are interpreted in terms of "lung overloading", a series of generic responses to the presence of large quantities of respirable, insoluble and relatively benign dusts retained for extended time periods in the lungs. Lung tumor frequency was unchanged among rats exposed to toner at the three exposure levels, and for air-only control rats.

Carcinogenicity

The IARC reevaluated carbon black as a Group 2B carcinogen (possible human carcinogen). This evaluation is given to Carbon Black for which there is inadequate human evidence, but sufficient animal evidence. The latter is based upon the development of lung tumors in rats receiving chronic inhalation exposures to free carbon black at levels that induce particle overload of the lung.

Studies performed in animal models other than rats have not demonstrated an association between carbon black and lung tumors. Moreover, a two-year cancer bioassay using a typical toner preparation containing carbon black demonstrated no association between toner exposure and tumor development in rats.

The IARC reevaluated titanium dioxide as a Group 2B carcinogen (possible human carcinogen). In animal chronic inhalation studies, the tumor formulation observed in only rats with animal chronic inhalation study are attributed to "lung overloading", a generic response to excessive amounts of any dust retained in the lungs for a prolonged interval. Use of this product, as intended, does not result in inhalation of excessive dust. Epidemiological study to date have not revealed any evidence of the relation between exposure to titanium dioxide and diseases of the respiratory tract beyond general effects of dust.

Mutagenicity: Negative(AMES test)

Teratogenicity: No data available



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IUP18/IUP19/IUP20/IUP21

Prepared Date : 3-Jul-2013

Revised Date : 23-Oct-2013

12. ECOLOGICAL INFORMATION

No data are available on the adverse effects of this material on the environment.

Ecotoxicity: No data available

Mobility: No data available

Persistence and degradability: No data available

Bioaccumulative potential: No data available

13. DISPOSAL CONSIDERATION

When disposing of the waste or recovered material, consult federal, state and/or local regulations for the proper disposal method.

14. TRANSPORT INFORMATION

Information on Code and Classifications According to International Regulations

UN Classification: None

Further information: Not a dangerous good under IATA or IMDG.

15. REGULATORY INFORMATION

US Information

Information on the label: Not required

TSCA (Toxic Substances Control Act):

All chemical substances in this product comply with all applicable rules or order under TSCA.

California Proposition 65:

Ingredient carbon black subject to California Proposition 65 is bound in polymer-matrices so that warnings are not required.

EU Information

Information on the label (1999/45/EC and 67/548/EEC): Not required

Article 14 (2.1) of Directive 1999/45/EC is not applicable to this product.

WHMIS (Canada): This product is NOT subject to the controlled products regulations.

16. OTHER INFORMATION

HMIS Rating: The National Paint and Coating Association (USA): Health: 1 Flammability: 1 Reactivity: 0

Recommended Uses: Toner for Electrophotographic Equipment

Explanation of term: IARC 2B means "possible human carcinogen".

Revision Information: Regular revision on revised date.

Literature References:

ANSI Z400.1-1993

ISO 11014-1

Commission Directive 91/155/EEC

IARC (2010): IARC monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Humans,
Vol. 93, Carbon Black, Titanium Dioxide, and Talc, Lyon, pp. 43-276

H. Muhle, B. Bellmann, O. Creutzenberg, C. Dasenbrock, H. Ernst, R. Kilpper, J. C. MacKenzie, P. Morrow,
U. Mohr, S. Takenaka, and R. Mermelstein (1991)

Pulmonary Response to Toner upon Chronic Inhalation Exposure in Rats. Fundamental and Applied
Toxicology 17, pp. 280-299.

NIOSH CURRENT INTELLIGENCE BULLETIN : Evaluation of Health Hazard and Recommendation
for Occupational Exposure to Titanium Dioxide : DRAFT



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Prepared Date: 3-Jul-2013


Revised Date: 23-Oct-2013

Restrictions:

The above information is believed to be accurate and represents the best information currently available to Our Corporation. However, Our Corporation makes no warranty with respect to such information, and Our Corporation assumes no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes.

Product environmental attributes – THE ECO DECLARATION


The declaration may be published only when all rows and/or fields marked with an * are filled-in (n.a. for not applicable).
Additional information regarding each item may be found under P14.

Brand *	Konica Minolta	<div>Logo</div> <div></div>
Company name *	Konica Minolta, Inc.	
Contact information *	https://www.konicaminolta.net/neoqa/gl/about.php	
Internet site *	http://www.konicaminolta.com/index.html	
Additional information		

The company declares (based on product specification or test results based obtained from sample testing), that the product conforms to the statements given in this declaration.	
Type of product *	<i>Multifunction Printer</i>
Commercial name *	<i>bizhub</i>
Model number *	<i>4050</i>
Issue date *	<i>12 February 2014</i>
Intended market *	<input type="checkbox"/> Global <input type="checkbox"/> Europe <input checked="" type="checkbox"/> Asia, Pacific & Japan <input checked="" type="checkbox"/> Americas <input checked="" type="checkbox"/> Other
Additional information	<i>version 1.0</i>


This is an uncontrolled copy when in printed form. Please refer to the contact information for the latest version.

Quality Control		Requirement met	
Item		Yes	No
QC1 *	The company enforces an internal quality control scheme to ensure the correctness of this eco declaration	<input checked="" type="checkbox"/>	<input type="checkbox"/>
QC2 *	The company is a member of an eco declaration system that enforces regular independent quality control such as organized by IT-Företagen (see www.itecodeclaration.org).	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Model number *	bizhub 4050	Logo	
Issue date *	12 February 2014		

Product environmental attributes - Legal requirements		Requirement met		
Item		Yes	No	n.a.
P1	Hazardous substances and preparations			
P1.1*	Products do not contain more than; 0.1% lead, 0.01% cadmium, 0.1% mercury, 0.1% hexavalent chromium, 0.1% polybrominated biphenyls (PBB) or 0.1% polybrominated diphenyl ethers (PBDE). (See legal reference and Note B1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.2*	Products do not contain Asbestos (see legal reference). Comment: Legal reference has no maximum concentration value.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorocarbons (HCFC), Halons, carbontetrachloride, 1,1,1-trichloroethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum concentration values.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.4*	Products do not contain more than; 0.005% polychlorinated biphenyl (PCB), 0.005% polychlorinated terphenyl (PCT) in preparations (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.5*	Products do not contain more than 0.1% short chain chloroparaffins (SCCP) with 10-13 carbon atoms in the chain containing at least 48% per mass of chlorine in the SCCP (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.6*	Textile and leather parts with direct skin contact do not contain Tri-(2,3-dibromopropyl)-phosphate (TRIS), Tris-(aziridiny)-phosphineoxide (TEPA), polybrominated biphenyl (PBB) (see legal reference). Comment: Legal reference has no maximum concentration values.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P1.7*	Textile and leather parts with direct skin contact do not contain more than 0.003% Azo colorants that split aromatic amines. (See legal reference and Note B1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P1.8*	Wooden parts do not contain arsenic and chromium as a wood preservation treatment as well as pentachlorophenol and derivatives (see legal reference). Comment: Legal reference has no maximum concentration values.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P1.9*	Parts with direct and prolonged skin contact do not release nickel in concentrations above 0.5 microgram/cm ² /week (see legal reference). Comment: Max limit in legal reference when tested according to EN1811:1998.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P1.10*	REACH Article 33 information about substances in articles is available at (add URL or mail contact):	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P2	Batteries			
P2.1*	If the product contains a battery or an accumulator, it is labeled with the disposal symbol and if it contains more than 0.0005% of mercury (for button cells only) by weight, or more than 0.004% of lead, it shall be marked with the chemical symbol for the metal concerned, Hg or Pb. Information on proper disposal is provided in user manual. (See legal reference)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P2.2*	Button cells used in the product do not contain more than 2% by weight of mercury. Other batteries or accumulators do not contain more than 0.0005% of mercury or 0.002% of cadmium. (See legal reference)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P2.3*	Batteries and accumulators are easily removable by either users or service providers (as dependent on the design of the product). Exception: Batteries that are permanently installed for safety, performance, medical or data integrity reasons do not have to be "easily removable". (See legal reference)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P3	Safety, EMC connection to the telephone network and labeling			
P3.1*	The product complies with legally required safety standards as specified (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P3.2*	The product complies with legally required standards for electromagnetic compatibility (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P3.3*	If product is intended for connection to a public telecom network or contains a radio transmitter, it complies with legally required standards for radio and telecommunication devices (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P3.4*	The product is labeled to show conformance with applicable legal requirements (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P4	Consumable materials			
P4.1*	If a photo conductor (drum, belt etc.) is used in the product, it does not contain cadmium max 0.01% (see legal reference and Note B1).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P4.2*	If ink/toner is used in the product, it does not contain cadmium max 0.1% by weight (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P4.3*	If the ink/toner formulation/preparation is classified as hazardous according to applicable regulations, the product/packaging is adequately labeled and a Safety Data Sheet (SDS) in accordance with these requirements is available (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P5	Product packaging			
P5.1*	Packaging and packaging components do not contain more than 0.01% lead, mercury, cadmium and hexavalent chromium by weight of these together.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P5.2*	Plastic packaging material is marked according to ISO 11469 referring ISO 1043 (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montreal Protocol (see legal reference). Comment: Legal reference has no maximum concentration values.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>


Note B1: Restriction applies to the homogeneous material, unless other specified and expressed in weight %.

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Product environmental attributes - Market requirements - Environmental conscious design			Requirement met		
Item	*=mandatory to fill in. Additional information regarding each item may be found under P14.		Yes	No	n.a.
P6 Treatment information					
P6.1*	Information for recyclers/treatment facilities is available (see legal reference).		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7 Design					
Disassembly, recycling					
P7.1*	Parts that have to be treated separately are easily separable		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.2*	Plastic materials in covers/housing have no surface coating.		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.3*	Plastic parts >100g consist of one material or of easily separable materials.		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.4*	Plastic parts >25g have material codes according to ISO 11469 referring ISO 1043.		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Product lifetime					
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P7.8*	Upgrading can be done using commonly available tools		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P7.9.	Spare parts are available after end of production for: 5 years				<input type="checkbox"/>
P7.10	Service is available after end of production for: 5 years				<input type="checkbox"/>
Material and substance requirements					
P7.11*	Product cover/housing material type: Material type: ABS Material type: HIPS Material type: PC+ABS				
P7.12	Electrical cable insulation materials of power cables are PVC free.		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.13	Electrical cable insulation materials of signal cables are PVC free		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.14	All cover/housing plastic parts >25g are free from chlorine and bromine.		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.15	All printed circuit boards (without components) >25g are halogen free. as defined in IEC61249-2-21. (See Note B2)		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.16	Flame retarded plastic parts >25g in covers / housings are marked according ISO 1043-4: Marking:		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.17	Alt. 1 Chemical specifications of flame retardants in printed circuit boards >25g (without components): TBBPA (additive) <input type="checkbox"/> , TBBPA (reactive) <input type="checkbox"/> , Other; chemical name: , CAS #: Alt. 2 Chemical specifications of flame retardants in printed circuit boards (without components) >25g according ISO 1043-4: FR(16)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.18	Alt. 1 Flame retarded plastic parts >25g contain the following flame retardant substances/preparations in concentrations above 0.1%: Comment: No legal limits exist, this is a market requirement. 1. Chemical name: , CAS #: 2. Chemical name: , CAS #: 3. Chemical name: , CAS #: Alt. 2 Chemical specifications of flame retardants in plastic parts >25g according ISO 1043-4: FR(40), FR(17), FR(16), FR(50)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.19	Plastic parts >25g are free from flame retardant substances/ preparations above 0.1% classified as R45, R40, R46, R48, R50, R51, R53, R60, R61 and any combination of these (See Note B3)		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.20	Of total plastic parts' weight >25g, recycled material content is %.				
P7.21	Of total plastic parts' weight >25g, biobased material content is %.				
P7.22	Light sources are free from mercury If mercury is used specify: Number of lamps: and max. mercury content per lamp: mg		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P8 Batteries					
P8.1*	Battery chemical composition: Lithium Manganese Dioxide				<input type="checkbox"/>
P8.2	Batteries meet the requirements of the following voluntary program/s:				<input type="checkbox"/>

Note B2: IEC61249-2-21 has maximum limits for chlorine and bromine but does not address fluorine, iodine and astatine which are included in the group of halogens.

Note B3: 'Starting from January 2009, Risk phrases can be replaced by Hazard phrases according to the Globally Harmonized System (GHS), mandatory by December 2010.

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Product environmental attributes - Market requirements (continued)	Requirement met
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Item	Yes	No	n.a.
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P9 Energy consumption

9.1 For the product the following power levels or energy consumptions are reported:

Energy mode *	Power level at 100 V AC	Power level at 115 V AC	Power level at 230 V AC	Reference / Standard for energy modes and test method *	
Printing	556 W	545 W	547 W	Corporate Standard	
Copy	586 W	559 W	557 W	Corporate Standard	
Ready	16.8 W	13.2 W	16.7 W	Energy Star	
Sleep	3.5 W	3.6 W	3.7 W	Energy star	
Hibernate	0.38 W	0.44 W	0.43 W	IEC 62301	
Plug-in off	0.0 W	0.0 W	0.0 W	IEC 62301	
EPS No-load (External power supply / charger plugged in the wall outlet but disconnected from the product.)	W	W	W		
PTEC * Typical Energy Consumption	W	W	W		
TEC * Typical Energy Consumption	1.8 kWh/week	1.9 kWh/week	1.8 kWh/week	Energy Star	
ETEC * Annual Energy Consumption	kWh/year	kWh/year	kWh/year		
Display resolution* : Megapixels					
Print Speed * : 40 Images per minute					
Default time to enter energy save mode: 30 minutes					
P9.2*	Information about the energy save function is provided with the product.				
P9.3*	The product meets the energy requirements of the following voluntary program/s: ENERGY STAR® version: 2.0 Tier: Product category: Imaging Equipment Others specify: RAL-UZ171				

P10 Emissions

Noise emission – Declared according to ISO 9296						
P10.1	Mode	Mode description	Declared A-weighted sound power level L_{WAd} (B)	Declared A-weighted sound pressure level L_{pAm} (dB)		
				Operator position <input type="checkbox"/>	Bystander positions <input checked="" type="checkbox"/>	
				Desktop <input type="checkbox"/> or Desk side <input type="checkbox"/>	(only if product is not operator attended)	
	Idle	* Ready	* 3.1	15		
	Operation	* Printing	* 6.8	54		
	Other mode					
	Measured according to: <input checked="" type="checkbox"/> ISO7779 <input type="checkbox"/> ECMA-74 <input type="checkbox"/> Other (only if not covered by ECMA-74 with L_{pAm} measurement distance m)					
P10.2	The product meets the acoustic noise requirements of the following voluntary program/s: RAL-UZ171					<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

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Product environmental attributes - Market requirements (continued)		Requirement met		
Item		Yes	No	n.a.
Chemical emissions from printing products				
P10.3*	Test performed according to ECMA-328 (ISO/IEC 28360) standard <input type="checkbox"/> , other specify: RAL-UZ171	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P10.4	Typical emission rate (print phase) is (mg/h): Dust <0.22 Ozone <0.26 Styrene 0.23 Benzene <0.012 TVOC 6.0			<input type="checkbox"/>
P10.5	Chemical emission requirements of the following columtary program/s RAL-UZ171 are met for: Dust <input checked="" type="checkbox"/> Ozon <input checked="" type="checkbox"/> Styrene <input checked="" type="checkbox"/> Benzene <input checked="" type="checkbox"/> TVOC <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Electromagnetic emissions				
P10.6	Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary program/s:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P11 Consumable materials for printing products				
P11.1*	A Safety Data Sheet (SDS) is available for the ink/toner preparation, even if not legally required (see P4.3).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P11.2*	Paper containing post-consumer recycled fibers can be used, provided that it meets the requirements of EN12281.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P11.3*	2-sided (duplex) printing/copying is an integrated product function.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P12 Ergonomics for computing products				
P12.1*	The display meets the ergonomic requirements of ISO 9241-307 for visual display technologies.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P12.2*	The physical input device meets the requirements of ISO 9995 and ISO 9241-410.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P13 Packaging and documentation				
P13.1*	Product packaging material type(s): paper weight (kg): 2.532 Product packaging material type(s): foamed PS weight (kg): 0.6 Product packaging material type(s): PE-LD weight (kg): 0.233			
P13.2*	Product plastic packaging is free from PVC.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P13.3*	Specify media for user and product documentation (tick box): Electronic <input checked="" type="checkbox"/> Paper <input checked="" type="checkbox"/> Other <input type="checkbox"/>			<input type="checkbox"/>
P13.4*	For paper user and product documentation, please specify contained percentage of post-consumer recycled fiber: 0 %			<input type="checkbox"/>
P14 Additional information (See Note B4)				
BTU (230v)	36.6 BTU/h The figure is based on the TEC value of 1.80 kWh / week (=24 h x 7 days)			


Note B4: Additional lines may be inserted to declare further items, by positioning the cursor at the far right of the row and hitting the <Enter> key.

Legal references Europe Annex B

Reference	Declaration item
2002/95/EC (ROHS Directive)	P1.1, P4.1
REACH, Annex XVII	P1.6, P1.8, P4.2
REACH, Annex XVII	P1.4
REACH, Annex XVII	P1.2
REACH, Annex XVII	P1.7
REACH, Annex XVII	P1.9
Regulation (EC) No. 2037/2000, 2038/2000, 2039/2000	P1.3
Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002	P1.5
2006/66/EC (Battery and accumulators Directive)	P2.1, P2.2, P2.3, P3.4, P8.1
2006/95/EC (Low Voltage Directive)	P3.1, 3.4
2004/108/EEC (New EMC Directive)	P3.2, 3.4
1999/5/EC (R&TTE Directive)	P3.3, 3.4
"REACH" Regulation (1907/2006), annex VII	P1.10
(EC) No.1272/2008 regulation on classification, labeling and packaging (CLP)	P4.3
REACH article 31, annex II	P4.3
2004/12/EC (Directive on packaging and packaging waste)	P5.1
(97/129/EC) (Commission Decision on Identification System for Packaging Materials	P5.2
2037/2000/EC Regulation on Substances that Deplete the Ozone Layer	P5.3
2002/96/EC (WEEE directive)	P3.4, P6.1
(EC) No.1272/2008 regulation on classification, labeling and packaging (CLP)	P7.19

Product environmental attributes – THE ECO DECLARATION


The declaration may be published only when all rows and/or fields marked with an * are filled-in (n.a. for not applicable).
Additional information regarding each item may be found under P14.

Brand *	Konica Minolta	Logo 
Company name *	Konica Minolta, Inc.	
Contact information *	https://www.konicaminolta.net/neoqa/gl/about.php	
Internet site *	http://www.konicaminolta.com/index.html	
Additional information		

The company declares (based on product specification or test results based obtained from sample testing), that the product conforms to the statements given in this declaration.	
Type of product *	<i>Multifunction Printer</i>
Commercial name *	<i>bizhub</i>
Model number *	<i>4750</i>
Issue date *	<i>12 February 2014</i>
Intended market *	<input type="checkbox"/> Global <input type="checkbox"/> Europe <input checked="" type="checkbox"/> Asia, Pacific & Japan <input checked="" type="checkbox"/> Americas <input checked="" type="checkbox"/> Other
Additional information	<i>version 1.0</i>


This is an uncontrolled copy when in printed form. Please refer to the contact information for the latest version.

Quality Control		Requirement met	
Item		Yes	No
QC1 *	The company enforces an internal quality control scheme to ensure the correctness of this eco declaration	<input checked="" type="checkbox"/>	<input type="checkbox"/>
QC2 *	The company is a member of an eco declaration system that enforces regular independent quality control such as organized by IT-Företagen (see www.itecodeclaration.org).	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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Product environmental attributes - Legal requirements		Requirement met		
Item		Yes	No	n.a.
P1	Hazardous substances and preparations			
P1.1*	Products do not contain more than; 0.1% lead, 0.01% cadmium, 0.1% mercury, 0.1% hexavalent chromium, 0.1% polybrominated biphenyls (PBB) or 0.1% polybrominated diphenyl ethers (PBDE). (See legal reference and Note B1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.2*	Products do not contain Asbestos (see legal reference). Comment: Legal reference has no maximum concentration value.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorocarbons (HCFC), Halons, carbontetrachloride, 1,1,1-trichloroethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum concentration values.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.4*	Products do not contain more than; 0.005% polychlorinated biphenyl (PCB), 0.005% polychlorinated terphenyl (PCT) in preparations (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.5*	Products do not contain more than 0.1% short chain chloroparaffins (SCCP) with 10-13 carbon atoms in the chain containing at least 48% per mass of chlorine in the SCCP (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.6*	Textile and leather parts with direct skin contact do not contain Tri-(2,3-dibromopropyl)-phosphate (TRIS), Tris-(aziridiny)-phosphineoxide (TEPA), polybrominated biphenyl (PBB) (see legal reference). Comment: Legal reference has no maximum concentration values.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P1.7*	Textile and leather parts with direct skin contact do not contain more than 0.003% Azo colorants that split aromatic amines. (See legal reference and Note B1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P1.8*	Wooden parts do not contain arsenic and chromium as a wood preservation treatment as well as pentachlorophenol and derivatives (see legal reference). Comment: Legal reference has no maximum concentration values.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P1.9*	Parts with direct and prolonged skin contact do not release nickel in concentrations above 0.5 microgram/cm ² /week (see legal reference). Comment: Max limit in legal reference when tested according to EN1811:1998.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P1.10*	REACH Article 33 information about substances in articles is available at (add URL or mail contact):	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P2	Batteries			
P2.1*	If the product contains a battery or an accumulator, it is labeled with the disposal symbol and if it contains more than 0.0005% of mercury (for button cells only) by weight, or more than 0.004% of lead, it shall be marked with the chemical symbol for the metal concerned, Hg or Pb. Information on proper disposal is provided in user manual. (See legal reference)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P2.2*	Button cells used in the product do not contain more than 2% by weight of mercury. Other batteries or accumulators do not contain more than 0.0005% of mercury or 0.002% of cadmium. (See legal reference)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P2.3*	Batteries and accumulators are easily removable by either users or service providers (as dependent on the design of the product). Exception: Batteries that are permanently installed for safety, performance, medical or data integrity reasons do not have to be "easily removable". (See legal reference)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P3	Safety, EMC connection to the telephone network and labeling			
P3.1*	The product complies with legally required safety standards as specified (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P3.2*	The product complies with legally required standards for electromagnetic compatibility (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P3.3*	If product is intended for connection to a public telecom network or contains a radio transmitter, it complies with legally required standards for radio and telecommunication devices (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P3.4*	The product is labeled to show conformance with applicable legal requirements (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P4	Consumable materials			
P4.1*	If a photo conductor (drum, belt etc.) is used in the product, it does not contain cadmium max 0.01% (see legal reference and Note B1).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P4.2*	If ink/toner is used in the product, it does not contain cadmium max 0.1% by weight (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P4.3*	If the ink/toner formulation/preparation is classified as hazardous according to applicable regulations, the product/packaging is adequately labeled and a Safety Data Sheet (SDS) in accordance with these requirements is available (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P5	Product packaging			
P5.1*	Packaging and packaging components do not contain more than 0.01% lead, mercury, cadmium and hexavalent chromium by weight of these together.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P5.2*	Plastic packaging material is marked according to ISO 11469 referring ISO 1043 (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montreal Protocol (see legal reference). Comment: Legal reference has no maximum concentration values.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>


Note B1: Restriction applies to the homogeneous material, unless other specified and expressed in weight %.

Model number *	bizhub 4750	Logo	
Issue date *	12 February 2014		

Product environmental attributes - Market requirements - Environmental conscious design			Requirement met		
Item	*=mandatory to fill in. Additional information regarding each item may be found under P14.		Yes	No	n.a.
P6 Treatment information					
P6.1*	Information for recyclers/treatment facilities is available (see legal reference).		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7 Design					
Disassembly, recycling					
P7.1*	Parts that have to be treated separately are easily separable		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.2*	Plastic materials in covers/housing have no surface coating.		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.3*	Plastic parts >100g consist of one material or of easily separable materials.		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.4*	Plastic parts >25g have material codes according to ISO 11469 referring ISO 1043.		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Product lifetime					
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P7.8*	Upgrading can be done using commonly available tools		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P7.9.	Spare parts are available after end of production for: 5 years				<input type="checkbox"/>
P7.10	Service is available after end of production for: 5 years				<input type="checkbox"/>
Material and substance requirements					
P7.11*	Product cover/housing material type: Material type: ABS Material type: HIPS Material type: PC+ABS				
P7.12	Electrical cable insulation materials of power cables are PVC free.		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.13	Electrical cable insulation materials of signal cables are PVC free		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.14	All cover/housing plastic parts >25g are free from chlorine and bromine.		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.15	All printed circuit boards (without components) >25g are halogen free. as defined in IEC61249-2-21. (See Note B2)		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.16	Flame retarded plastic parts >25g in covers / housings are marked according ISO 1043-4: Marking:		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.17	Alt. 1 Chemical specifications of flame retardants in printed circuit boards >25g (without components): TBBPA (additive) <input type="checkbox"/> , TBBPA (reactive) <input type="checkbox"/> , Other; chemical name: , CAS #: Alt. 2 Chemical specifications of flame retardants in printed circuit boards (without components) >25g according ISO 1043-4: FR(16)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.18	Alt. 1 Flame retarded plastic parts >25g contain the following flame retardant substances/preparations in concentrations above 0.1%: Comment: No legal limits exist, this is a market requirement. 1. Chemical name: , CAS #: 2. Chemical name: , CAS #: 3. Chemical name: , CAS #: Alt. 2 Chemical specifications of flame retardants in plastic parts >25g according ISO 1043-4: FR(40), FR(17), FR(16), FR(50)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.19	Plastic parts >25g are free from flame retardant substances/ preparations above 0.1% classified as R45, R40, R46, R48, R50, R51, R53, R60, R61 and any combination of these (See Note B3)		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.20	Of total plastic parts' weight >25g, recycled material content is %.				
P7.21	Of total plastic parts' weight >25g, biobased material content is %.				
P7.22	Light sources are free from mercury If mercury is used specify: Number of lamps: and max. mercury content per lamp: mg		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P8 Batteries					
P8.1*	Battery chemical composition: Lithium Manganese Dioxide				<input type="checkbox"/>
P8.2	Batteries meet the requirements of the following voluntary program/s:				<input type="checkbox"/>

Note B2: IEC61249-2-21 has maximum limits for chlorine and bromine but does not address fluorine, iodine and astatine which are included in the group of halogens.

Note B3: 'Starting from January 2009, Risk phrases can be replaced by Hazard phrases according to the Globally Harmonized System (GHS), mandatory by December 2010.

Model number *	bizhub 4750	Logo	
Issue date *	12 February 2014		

Product environmental attributes - Market requirements (continued)	Requirement met
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Item	Yes	No	n.a.
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P9 Energy consumption

9.1 For the product the following power levels or energy consumptions are reported:

Energy mode *	Power level at 100 V AC	Power level at 115 V AC	Power level at 230 V AC	Reference / Standard for energy modes and test method *	
Printing	W	593 W	575 W	Corporate Standard	
Copy	W	604 W	636 W	Corporate Standard	
Ready	W	17.7 W	16.9 W	Energy Star	
Sleep	W	3.6 W	3.6 W	Energy star	
Hibernate	W	0.44 W	0.45 W	IEC 62301	
Plug-in off	W	0.0 W	0.0 W	IEC 62301	
EPS No-load (External power supply / charger plugged in the wall outlet but disconnected from the product.)	W	W	W		
PTEC * Typical Energy Consumption	W	W	W		
TEC * Typical Energy Consumption	kWh/week	2.1 kWh/week	2.1 kWh/week	Energy Star	
ETEC * Annual Energy Consumption	kWh/year	kWh/year	kWh/year		
Display resolution* : Megapixels					
Print Speed * : 47 Images per minute					
Default time to enter energy save mode: 30 minutes					
P9.2* Information about the energy save function is provided with the product.					
P9.3* The product meets the energy requirements of the following voluntary program/s: ENERGY STAR® version: 2.0 Tier: Product category: Imaging Equipment Others specify: RAL-UZ171					

P10 Emissions

Noise emission – Declared according to ISO 9296						
P10.1	Mode	Mode description	Declared A-weighted sound power level L_{WAd} (B)	Declared A-weighted sound pressure level L_{pAm} (dB)		
				Operator position <input type="checkbox"/>	Bystander positions <input checked="" type="checkbox"/>	
				Desktop <input type="checkbox"/> or Desk side <input type="checkbox"/>	(only if product is not operator attended)	
	Idle	* <i>Ready</i>	* <i>3.3</i>	<i>16</i>		
	Operation	* <i>Printing, Normal mode</i>	* <i>7.0</i>	<i>55</i>		
	Other mode	<i>Printing, Quiet mode</i>	<i>6.5</i>	<i>50</i>		
	Measured according to: <input checked="" type="checkbox"/> ISO7779 <input type="checkbox"/> ECMA-74 <input type="checkbox"/> Other (only if not covered by ECMA-74 with L_{pAm} measurement distance m)					
P10.2	The product meets the acoustic noise requirements of the following voluntary program/s: <i>RAL-UZ171</i>					<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Model number *	bizhub 4750	Logo	
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Product environmental attributes - Market requirements (continued)		Requirement met		
Item		Yes	No	n.a.
Chemical emissions from printing products				
P10.3*	Test performed according to ECMA-328 (ISO/IEC 28360) standard <input type="checkbox"/> , other specify: RAL-UZ171	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P10.4	Typical emission rate (print phase) is (mg/h): Dust <0.22 Ozone <0.26 Styrene 0.23 Benzene <0.012 TVOC 6.0			<input type="checkbox"/>
P10.5	Chemical emission requirements of the following voluntary program/s RAL-UZ171 are met for: Dust <input checked="" type="checkbox"/> Ozone <input checked="" type="checkbox"/> Styrene <input checked="" type="checkbox"/> Benzene <input checked="" type="checkbox"/> TVOC <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Electromagnetic emissions				
P10.6	Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary program/s:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P11 Consumable materials for printing products				
P11.1*	A Safety Data Sheet (SDS) is available for the ink/toner preparation, even if not legally required (see P4.3).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P11.2*	Paper containing post-consumer recycled fibers can be used, provided that it meets the requirements of EN12281.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P11.3*	2-sided (duplex) printing/copying is an integrated product function.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P12 Ergonomics for computing products				
P12.1*	The display meets the ergonomic requirements of ISO 9241-307 for visual display technologies.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P12.2*	The physical input device meets the requirements of ISO 9995 and ISO 9241-410.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P13 Packaging and documentation				
P13.1*	Product packaging material type(s): paper weight (kg): 2.494 Product packaging material type(s): foamed PS weight (kg): 0.6 Product packaging material type(s): PE-LD weight (kg): 0.3			
P13.2*	Product plastic packaging is free from PVC.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P13.3*	Specify media for user and product documentation (tick box): Electronic <input checked="" type="checkbox"/> Paper <input checked="" type="checkbox"/> Other <input type="checkbox"/>			<input type="checkbox"/>
P13.4*	For paper user and product documentation, please specify contained percentage of post-consumer recycled fiber: 0 %			<input type="checkbox"/>
P14 Additional information (See Note B4)				
BTU (230v)	42.7 BTU/h The figure is based on the TEC value of 2.10 kWh / week (=24 h x 7 days)			

Note B4: Additional lines may be inserted to declare further items, by positioning the cursor at the far right of the row and hitting the <Enter> key.

Legal references Europe Annex B

Reference	Declaration item
2002/95/EC (ROHS Directive)	P1.1, P4.1
REACH, Annex XVII	P1.6, P1.8, P4.2
REACH, Annex XVII	P1.4
REACH, Annex XVII	P1.2
REACH, Annex XVII	P1.7
REACH, Annex XVII	P1.9
Regulation (EC) No. 2037/2000, 2038/2000, 2039/2000	P1.3
Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002	P1.5
2006/66/EC (Battery and accumulators Directive)	P2.1, P2.2, P2.3, P3.4, P8.1
2006/95/EC (Low Voltage Directive)	P3.1, 3.4
2004/108/EEC (New EMC Directive)	P3.2, 3.4
1999/5/EC (R&TTE Directive)	P3.3, 3.4
"REACH" Regulation (1907/2006), annex VII	P1.10
(EC) No.1272/2008 regulation on classification, labeling and packaging (CLP)	P4.3
REACH article 31, annex II	P4.3
2004/12/EC (Directive on packaging and packaging waste)	P5.1
(97/129/EC) (Commission Decision on Identification System for Packaging Materials	P5.2
2037/2000/EC Regulation on Substances that Deplete the Ozone Layer	P5.3
2002/96/EC (WEEE directive)	P3.4, P6.1
(EC) No.1272/2008 regulation on classification, labeling and packaging (CLP)	P7.19