

# SHARP

**MX-3110N / MX-2610N**  
Digital Full Colour Multifunctional System



print | copy | scan | fax | file

## Sales Guide





### Introduction

The MX-3110N and MX-2610N – the world's first multifunction systems to be equipped with 'finger-swipe' touch control – a design evolution which is rapidly becoming an industry standard. The new 10.1" large LCD panel with cutting-edge new functionality makes this machine one of the most desirable and easy to use MFPs in the industry. The panel has no hard keys, other than power, power save, and home button. Its intuitive design and flick and tap touch functionality makes it very easy to use and offers wider flexibility. The user can customise the home screen to his/her own preference and the large screen makes it easier to read text and access applications.

An optional web browsing expansion kit enables the user to browse the Internet directly from the MFP panel and print web content. Furthermore, the latest Sharp OSA offers enhanced integration by enabling connection to server applications outside the firewall.

The MX-3110N and MX-2610N are ideal for any busy workgroup that needs high performance, high quality colour and versatility in the office. Print and copy speeds are as fast as 31/26 pages per minute respectively – even in colour – plus automatic two-sided colour scanning, robust security features, remote control and powerful utility software. A range of options includes fax, extra security and a range of finishing options.

As well as being one of the most powerful A3 colour MFPs in its class, the MX-3110N / MX-2610N are also one of the smallest. Yet every thought has been given to ease of use and energy efficiency.

The Energy Star-certified MX-3110N / MX-2610N are designed to fully support environmental objectives. Using LED lights in the scanner for lower power consumption, reduced warm up time, limited power consumption in standby mode, enhanced auto-power shut off mode and Eco mode all result in a versatile MFP with a Typical Energy Consumption among the lowest in its class.

In summary the MX-3110N / MX-2610N are strong contenders in the competitive A3 colour MFP market, and well placed to attack the main colour category within that market.





## Contents

<b>INTRODUCTION.....</b>	<b>2</b>
<b>MARKET ANALYSIS.....</b>	<b>5</b>
■ Overview.....	5
■ The Competition.....	7
<b>PRODUCT POSITIONING.....</b>	<b>9</b>
■ Product Range Positioning.....	9
■ Recommended MCV.....	10
■ Product Overview.....	11
■ Comparison between MX-3100N / MX-2600N Vs MX-3110N / MX-2610N.....	12
<b>KEY SELLING POINTS.....</b>	<b>18</b>
■ Intuitive User Interface (New!).....	18
■ User-Friendly Design.....	23
■ Sharp OSA.....	24
■ Sharp OSA Network Scanner Tool (Sharp OSA-NST).....	25
■ Main Features.....	26
■ Environmentally Friendly.....	28
■ Image Quality.....	31
■ Copy/Print.....	31
■ Copy.....	32
■ Print.....	32
■ Document Filing Data (New!).....	35
■ Scan.....	36
■ High Productivity (Specification-Related).....	39
■ Copy/Print/Scan Speed.....	39
■ High Productivity (Function-Related).....	41
■ Copy.....	41
■ Print.....	44
■ Image Send.....	45
■ FAX.....	48
■ Document Filing.....	49
■ Flexible Paper Handling.....	50



■ Ease of Use.....	51
■ Multi-layered Security Solutions .....	53
■ Connectivity .....	55
<b>COMPETITIVE COMPARISON .....</b>	<b>57</b>
■ Sharp MX-3110N / MX-2610N vs. Canon iRC2030i .....	58
■ Sharp MX-3110N / MX-2610N vs. Canon iR-Advance C5030/i .....	59
■ Sharp MX-3110N / MX-2610N vs. Canon iR-Advance C5035/i .....	60
■ Sharp MX-3110N / MX-2610N vs. Ricoh MPC 2550 .....	61
■ Sharp MX-3110N / MX-2610N vs. Ricoh MPC 3001 .....	62
■ Sharp MX-3110N / MX-2610N vs. Ricoh MPC 3501 .....	63
■ Sharp MX-3110N / MX-2610N vs. Konica Minolta bizhub C280 .....	64
■ Sharp MX-3110N / MX-2610N vs. Konica Minolta bizhub C360 .....	65
■ Sharp MX-3110N / MX-2610N vs. Toshiba e-Studio 2820c .....	66
■ Sharp MX-3110N / MX-2610N vs. Toshiba e-Studio 3520c .....	67
■ Sharp MX-3110N / MX-2610N vs. Kyocera TASKalfa 250ci .....	68
■ Sharp MX-3110N / MX-2610N vs. Kyocera TASKalfa 300ci .....	69
■ Sharp MX-3110N / MX-2610N vs. Xerox WorkCentre 7425 .....	70
■ Sharp MX-3110N / MX-2610N vs. Xerox WorkCentre 7428 .....	71
■ Sharp MX-3110N / MX-2610N vs. Xerox WorkCentre 7435 .....	72
■ Sharp MX-3110N / MX-2610N vs. Samsung CLX-9250ND .....	73
■ Sharp MX-3110N / MX-2610N vs. Samsung CLX-9350ND .....	74
<b>SPECIFICATIONS .....</b>	<b>75</b>
■ Basic Specifications.....	75
■ Peripheral Devices specifications.....	77
■ Functions .....	82
<b>CONFIGURATIONS .....</b>	<b>97</b>
■ Options List.....	97
■ Outer Dimensions.....	98
■ Functional Combinations .....	99
■ Consumables List.....	100



## Market Analysis

### ■ Overview

Below is the historical data for A3 colour MFPs in all of Europe from 2005 to 2014 forecast. The A3 Colour MFP market has dramatically increased since B to C (Black to Colour) strategy started around 2004-2005.

In 2008, the market more than doubled compared to 2005 (230.1% vs. 2005), and mainly 20-29 cpm category was growing.

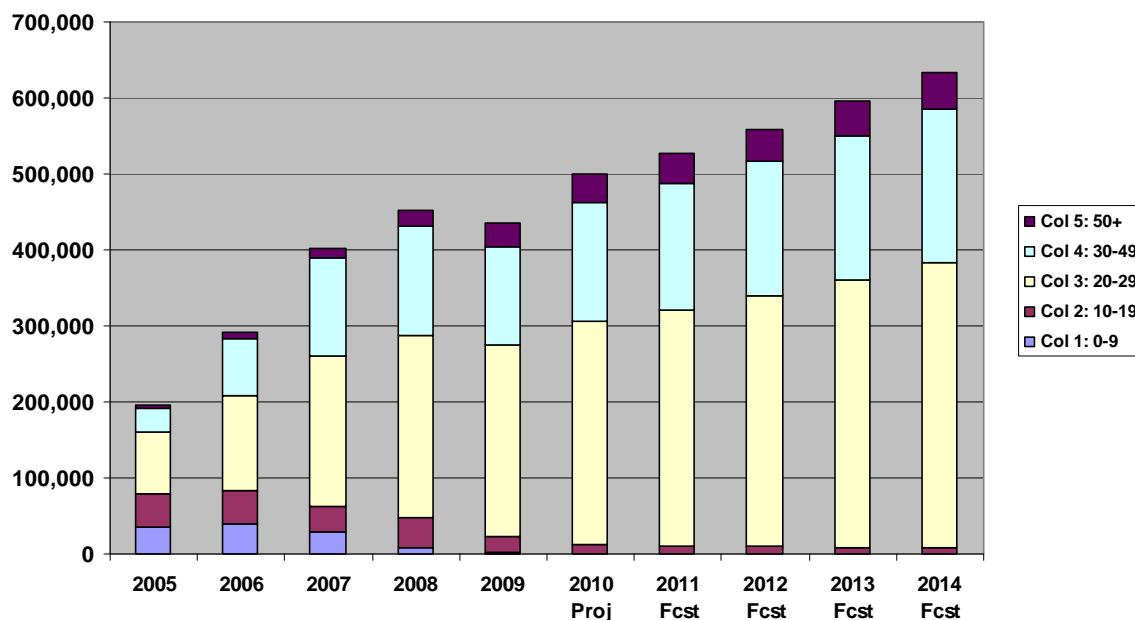
Even though it dropped during the big economic recession in 2009, but only around 4.6%. That shows the demand of colour was quite strong.

InfoSource forecasted 2-digit increase in 2010, which is 114.8% vs. LY, then 5-6% growth will be expected from 2010 to 2014.

Actually, the market size in 2014 will be around 27% growth compared to 2010, and 20-29 cpm category will still be the major category, which is around 60% of total category.

**European A3 Colour MFP Forecast**

Source: Infosource





The graph below shows the growth of 2 segments, one is 20-24 cpm low-end category and the other is 25-36 cpm main category. The MX-2610N and MX-3110N fit to 25-36 cpm category.

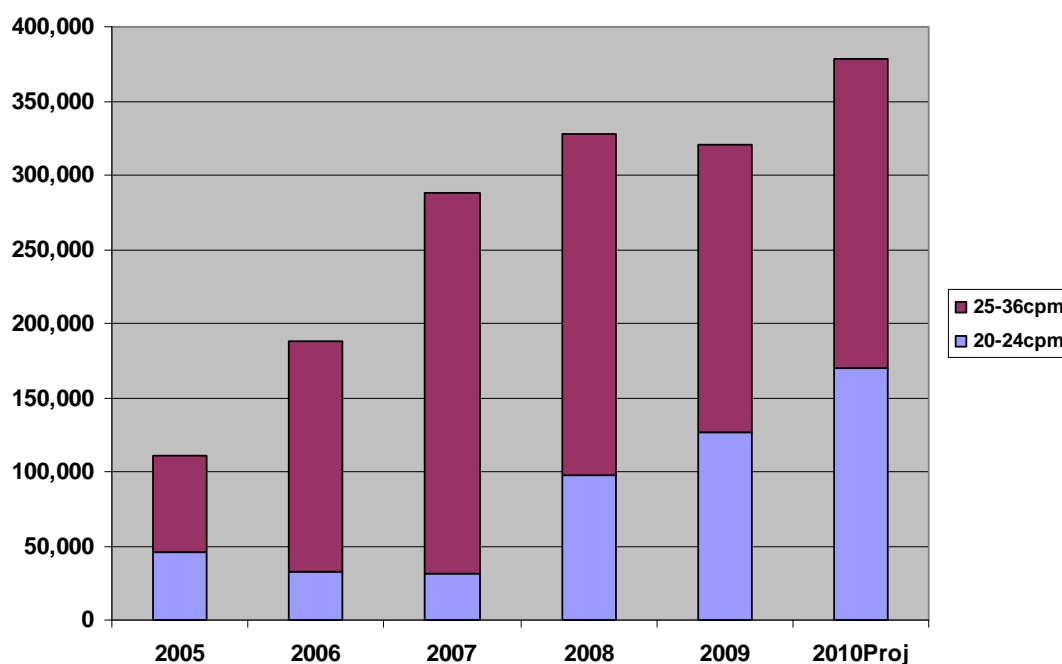
Until 2007, the majority of colour category was 25-36 cpm, but since 2008, the low-end category around 20-22 cpm has risen and the sales have dramatically increased.

In 2010, it is 134.0% vs. LY in 20-24 cpm category. On the other hand, it is 107.5% vs. LY in 25-36 cpm category. And market size of these 2 categories will be 55.1% from 25-36 cpm category.

So, from a market growth point of view, the low-end category is quite attractive, but still main category of A3 colour MFP is the category which the new models are targeted at.

**European A3 Colour MFP by category**

Source: Infosource



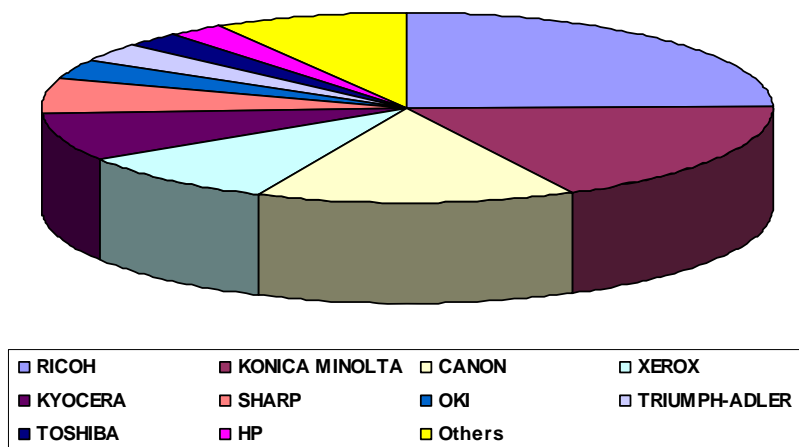


## ■ The Competition

The chart below shows the market share by brand in 25-36 cpm, which is the market for MX-2610N/ MX-3110N.

This category is mainly occupied by 3 brands, which are Ricoh (24.7%), Konica Minolta (17.9%) and Canon (14.2%). Xerox is behind in 4<sup>th</sup> place with 9.2%, Kyocera is 5<sup>th</sup> place with 8.2% and Sharp is 6<sup>th</sup> place with 5.9% share.

**Market Share by brand in colour 25 - 36 cpm category**



Source: Infosource

Ricoh has 2 good models in this category, which are the MPC2800 and MPC3300. Since Ricoh launched current colour line-up, they are quite successful in the colour category with good features and aggressive price.

Canon is now attacking the colour area with their new iR-Advance series. iR-Advance C5030i (30 cpm) and C5035i (35 cpm) are placed in good ranking, Canon seems to make a good start with their new line-up.

Konica Minolta also has 2 models in this category, which are bizhub C280 and C360.

Commonly, these 3 brands all have good capable colour machines with consistency.

Brand	Model	Units	Share
RICOH	Aficio MP C2800 AD	25,728	12.3%
KONICA M	bizhub C280	23,860	11.4%
CANON	iR Advance C 5030i	15,051	7.2%
KYOCERA	TASKalfa 250 Ci	14,207	6.8%
KONICA M	bizhub C360	13,290	6.4%
XEROX	WorkCentre 7435	12,426	6.0%
RICOH	Aficio MP C3300 AD	10,242	4.9%
SHARP	MX 2600 N	8,671	4.2%
CANON	iR Advance C 5035i	7,141	3.4%
XEROX	WorkCentre 7428	5,758	2.8%
Others		72,348	34.7%
<b>TOTAL</b>		<b>208,722</b>	<b>100.0%</b>





As a summary, this market is still increasing and is the main category in colour segmentation. Currently Sharp offers 2 strong colour machines, MX-2600N / MX-3100N, but still there is room to get more market share from competitors.

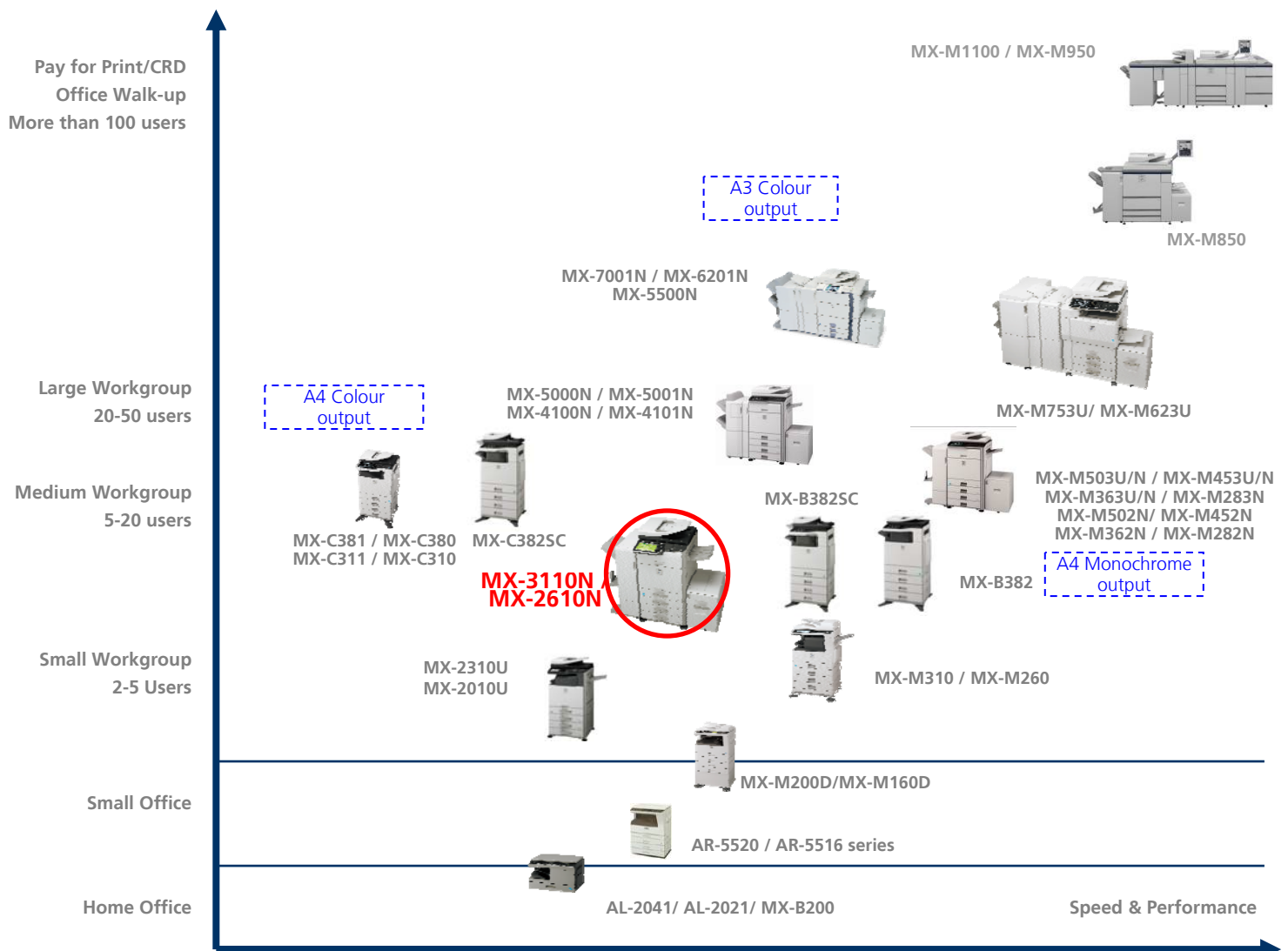
The new Sharp colour MFPs, MX-2610N / MX-3110N have high spec features and best image quality. And these 2 models will enhance Sharp market share to compete with competitor's line-up.

So the MX-2610N / MX-3110N are Sharp's solution to attack the main colour category.



## Product Positioning

### Product Range Positioning





## ■ Recommended MCV

Speed	Model	Life	Maximum Monthly Volume
Black & White: 31 ppm Colour: 31 ppm	<b>MX-3110N</b>	1,200k or 5 years	B/W 70k / Colour 30k
Black & White: 26 ppm Colour: 26 ppm	<b>MX-2610N</b>		

### Machine Life

The Machine Life represents the product design life for a machine that has used genuine Sharp supplies and has been serviced at the preventative maintenance schedule by fully experienced technicians. It is intended for planning purposes only due to the influence on the life of the product by external sources such as environment, customer handling, copy/print media used and geographical location.

### Maximum Monthly Volume

The Maximum Monthly Volume indicates the greatest volume the copier/printer can handle, when work patterns demand. Continual copying/printing at the maximum level can result in reduced performance and a shorter overall life.



## ■ Product Overview

**Highly Productive Printing & Copying**  
at 31/26 ppm/cpm in Colour & B/W

**New User Interface**  
**10.1" Touch-Screen Colour LCD**  
And tiltable panel

**Web Browsing Option**  
access to Internet from MFP panel

**Sharp OSA 4.0 (Option)**  
Connection to Sharp OSA  
applications outside the  
firewall

**Remote Access Front Panel**

**Environmentally Friendly**  
Reduced TEC value, lower Warm up  
time, enhanced Auto Power Shut  
off mode, Eco mode

**Smallest & lightest MFP in its class**  
583 x 658 mm footprint / 74 kg

**Full Colour Network Scanning**  
with increased scan performance

**Enhanced Image Quality**  
with new developer and toner

**Multi-layered Security Solutions**  
including some new features



**Document Filing**  
160 GB Hard Drive

**Finishing Options**  
Incl. saddle stitch finisher  
and inner finisher

**Flexible Paper Capacity with  
easy-grip drawer handles**  
600 – 5,600 sheets



## ■ Comparison between MX-3100N / MX-2600N Vs MX-3110N / MX-2610N

			MX-3100N / MX-2600N	MX-3110N / MX-2610N
Exterior Design				
Integrated Keyboard			Fixed onto front of MFP	
LCD Panel			Full colour 8.5 inch W-VGA (800 x 480)	Full colour, 10.1" W-SVGA (1,024 x 600)
New User Interface			No	Yes
Tilt Structure			No	Yes
Colour Variation			6 colours (Default: Black)	7 colours (Default: Green)
Universal Handle			No	Yes
USB			Front or Rear (exclusive)	Front and/or Rear (simultaneously)
Dimensions (W-D-H)			620 x 695 x 950 mm	583 x 658 x 834 mm
Weight (approx.)			112 kg	74 kg
Function				
	Copy		Std	
	Network Printer		Std	
	Printer Language	Std	PCL6/5c	PCL6
		Opt	PS3, XPS	
	Network Colour Scan		Std	
	Fax		Opt (MX-FXX2)	Opt (MX-FX11)
	Document Filing		Std	
	Sharp OSA		Opt Ver 2.0, 3.0, 3.2, 3.5	Opt Ver 2.0, 3.0, 3.2, 3.5, 4.0
Copy/Print Speed (Platen)			Colour: 31/26 cpm/ppm B/W: 31/26 cpm/ppm	
Document Feeder Speed (B/W/ Col)	Copy	1-sided: 50 opm/ 36 opm 2-sided: 16 opm/ 14 opm		1-sided: 50 opm/ 36 opm 2-sided: 20 opm/ 17 opm
	Scanner	1-sided: 50 opm/ 50 opm 2-sided: 16 opm/ 16 opm		1-sided: 50 opm/ 50 opm 2-sided: 20 opm/ 20 opm
Paper Capacity	Std	1,100 (2 x 500-sheet + 100-sheet multi-bypass)		600 (1 x 500-sheet + 100-sheet multi-bypass)
	Max	5,600 (4 x 500-sheet + 3, 500-sheet + 100-sheet multi-bypass)		
Paper Weight	Tray/ Duplex	60 – 209 g/m <sup>2</sup>		
	Bypass	55 – 256 g/m <sup>2</sup>		
Output Capacity			500-sheet (centre: Std) 100-sheet (right side: Opt)	400-sheet (centre: Std) 100-sheet (right side: Opt)
Warm-up time			60 sec or less	20 sec
Resolution	Copy	600 x 600 dpi		9,600 (equivalent) x 600 dpi
	Printer	1,200 x 1,200 dpi		
Memory			Copier: 1 GB (Std & Max) Printer: 512 MB (Std) – 1.5 GB (Max)	Std Copier/Printer (shared) 3 GB Opt Printer 1 GB
HDD			Std 80 GB	Std 160 GB
Document Filing Capacity	Main and Custom	38 GB, 5,500 pages or 3,000 files		71 GB, 20,000 pages or 3,000 files
	Quick Folder	12 GB, 1,700 pages or 1,000 files		10 GB, 10,000 pages or 1,000 files



	MX-3100N / MX-2600N	MX-3110N / MX-2610N
<b>Environmental-Related Items</b>		
TEC value	7.71 kWh / 5.34 kWh	2.3 kWh / 2.0 kWh
Exposure lamp	Xenon	White LED
Eco scan	No	Yes
Eco learning	No	Yes
Power on/off scheduling	No	Yes
Instant auto power shut-off	No	Yes
Power management setting	No	Yes
Sleep mode setting	No	Yes
Toner save mode	No	Yes (Copy mode: Sim setting) (Printer mode: via driver)
<b>Options</b>		
Paper drawer	MX-DEX6 MX-DEX7	MX-DE12 MX-DE13 MX-DE14
Large capacity tray	MX-LCX1	MX-LC11
Inner finisher	MX-FNX9	MX-FN17
Saddle stitch finisher	MX-FN10	
Punch module	MX-PNX1A/C/D for MX-FNX9	MX-PN11A/C/D for MX-FN17
	MX-PNX5A/C/D for MX-FN10	
Barcode font kit	AR-PF1	MX-PF10
Data security kit	MX-FR10/10U	MX-FR30U
Web browsing expansion kit	-	MX-AM10
Mirroring kit	-	MX-EB12

#### Functions- Additional functions only

		MX-3100N / MX-2600N	MX-3110N / MX-2610N
Copy		25-400% (25-200% for RSPF)	
	Zoom	No	Support the magnification calculation by the mm/inch specification
	Selection colour when 2-colour/single colour mode	No	15 colours (red/ green/ blue/ cyan/ magenta/ yellow// orange/ navy /light green/ light blue/aqua marine/ purple/ pink/ yellow green/ beige
	Rotation Copy	No	Yes Support rotated copy on APS/AMS OFF
	Program call/ Registration	Yes (48)	Yes (48, Preset: 1) Allowed setting paper type of bypass tray
	Program name registration	No	Yes
	Rotate back face 180 deg	No	Yes Make possible to switch on 2-side to 1-side
	Notification sound of finished copy job	No	Yes (Support by Soft-SW)
	Stop copy when no original	No	Yes (Support by Soft-SW)



			MX-3100N / MX-2600N	MX-3110N / MX-2610N
Copy-special function	Job build		Yes	Yes Setting change items of each bunch (Number of copies and colour/monochrome setting)
	Multi-Shot		2-in-1, 4-in-1	2-in-1, 4-in-1, <b>8-in-1</b> Exclude 1st page Pamphlet Copy + Multi Shot (2-in-1, 4-in-1 only)
	Original count		Yes (Document feeder only)	Yes (Both Document feeder and OC)
	Stamp	Watermark	No	Yes
	User Stamp		No	Yes
	Stamp	Watermark	No	Yes
	Multi-page enlargement		Yes	Yes (from A type to B type B type to A type)
	Blank page skip		No	Yes
	Repeat layout		No	Yes (Indeterminate size support)
	Book divide		No	Yes
	Position image		No	Yes
Image Send	Scan only	Supported file format	TIFF, PDF, Encrypted PDF, XPS, JPEG* * Colour/Grayscale only	TIFF, PDF, Encrypted PDF, XPS, <b>PDF/A</b> , <b>Compact PDF*</b> , JPEG** * MX-EB11 required. ** Colour/Grayscale only
		Compression method for colour	JPEG	JPEG, <b>Compact PDF</b> (Opt required), Bk letter emphasis
		One scan multi format	No	Yes
		Resolution	100, 200, 300, 400, 600 dpi	100, <b>150</b> , 200, 300, 400, 600 dpi
		Drop out colour	No	Yes
		Moire reduction mode	Yes	No
		Sharpness	No	Yes (5 steps)
		Contrast	No	Yes (5 steps)
		Scan to me	No	Yes
		Blank page skip	No	Yes (Support from both Feeder and OC)
	Scan/ Internet FAX/ Direct SMTP	File name	Yes	Yes (Scanning from USB memory is also supported.)
	Internet FAX/ Direct SMTP	Fixed size reception	No	Yes
		2-in-1 transmission	No	Yes



			MX-3100N / MX-2600N	MX-3110N / MX-2610N
Image Send (Cont.)	Internet FAX/ Direct SMTP/ Fax	Inbound routing	Yes	Yes
		Format	PDF Single TIFF, Multi TIFF	PDF Single TIFF, Multi TIFF, XPS
		File name setting (Attached TIS information)	No	Yes
		Destinations	E-mail, FTP, SMB, Desktop	E-mail, FTP, SMB, Desktop, FAX, Internet FAX
		Alternative mode for destination error	No	Yes
		Easy destination switching	No	Yes
		Preview	No	Yes
		Forward	No	Yes
		Filing	No	Yes
		Registered to junk FAX	No	Yes
		Output only specified FAX number	No	Yes
		Timer output	No	Yes
	Fax	Support digital network net	No	Yes
		Address confirmation	No	Yes
	Address setting-Direct address setting mode		Email, Internet Fax, FAX	Email, Internet Fax, FAX, SMB
	Resend		No	Email/FTP/SMB/Desktop/Broadcast
	Book divide		No	Yes
	Deletion of transmission record		No	Yes
	Deletion address from group which has already registered		No	Yes
	Alternative reception number		No	100 (total of Internet Fax and Fax)
	Forwarding reception transmission data (Document admin)		Yes Scan to email, FTP, SMB, Desktop, PC-Internet Fax, PC-Fax	Yes Scan to email, FTP, SMB, Desktop, PC-Internet Fax, PC-Fax, Fax, I-Fax
Address book	Number of one-touch key registration		999	2,000
	My address		No	Yes
	Mode fixed display		No	Yes
PC-Fax/ PC-IFax	Compression method		MH/ MMR/ JBIG	MH/ MMR
	Create cover sheet		Yes	Yes (Direct address entry also supported.)
	Timer		No	Yes
	Connection with MFP address book		No	Yes





		MX-3100N / MX-2600N	MX-3110N / MX-2610N
Print	Tandem print	Yes	Yes (Divide data on the PC and send the job to MFP)
	Direct print	No	Yes (4-bit support)
	Disabling setting of USB/SMB direct printing	No	Yes
	N-Up print	No	Yes
	Output resolution	No	Yes
	Sharpness	No	Yes
	Filing	No	Yes
	Control Image Profile	No	Yes
	Layout print	N-up w/o 1st Page	Yes
		Repeat print	Yes
	100% N-up	No	Yes
	Job cancel at Auto job control review	No	Yes
	A0 & A1 fit page	No	Yes
	Page interleave	No	Yes
	Use driver to render JPEGs	No	Yes
	Print Position	No	Yes
	N-up + Pamphlet style	No	Yes
	Print Policy	No	Yes (PCL only)
	Always use user authentication	No	Yes (PCL only)
	Always use retention	No	Yes (PCL only)
Document Filing	RET support	No	Yes
	Trapping	No	Yes
	Sharpness	No	Yes
	Combine file	No	Yes (Up to 2 files)
	Single/ 2-colour print at the time of resend	No	Yes
	Selection of multiple files	No	Yes (Print/ Delete)
	Preview for print data	1st page only	All pages



		MX-3100N / MX-2600N	MX-3110N / MX-2610N
Document Handling	Print and Send	No	Yes
	Create PDF for PC browsing	No	Yes
	Store PC's application file	No	Yes
Advanced Preview (Copy/Image Send/ Document Filing (Scan to HDD, Scan to external memory device only)		No	Yes
	Delete	No	Yes
	Move	No	Yes
	Rotate	No	Yes
	Erase specified range	No	Yes
	Chapter Inserts	No	Yes
	Page Inserts	No	Yes
Authentication Security	Switching internal authentication from external authentication when service crashes. (including recover)	No	Yes
	User registration items	User name, Search character, Index, Login name, Password, My folder, E-mail address, IC card ID, Authentication setting, Page limit group, Favorite operation group	User name, Search character, Index, Login name, Password, My folder, E-mail address, IC card ID, Authentication setting, Page limit group, Favorite operation group Organization Code
	Initialization of personal information and internal data including evidence printing	No	Yes
	Hidden pattern copy/ print	No	Yes
	Tracking information print	No	Yes
Other	e-manual display on the operation panel	No	Yes
	Mirroring	No	Yes



## Key Selling Points

### ■ Intuitive User Interface (New!)

Sharp is the first MFP manufacturer to offer a 10.1" large LCD panel with a new cutting-edge user interface with 'finger-swipe' touch control. The panel has no hard keys, other than power, power save, and home button. Its intuitive design and flick and tap touch functionality makes it very easy to use, just like smart phones and tablet PCs, and offers wider flexibility. The users can customise the home screen to his/her own preference and the large screen makes it easier to read text and access applications, as well as the Web.

### Home Screen

MX-3110N / MX-2610N have a new Home screen with a choice of six different patterns. Basically the screen has two areas. One is scroll area that displays selection icons for basic mode and the other is fixed area that displays system-related icons. Users can change the home screen display including whether they show the fixed area or not.



<b>No.</b>	<b>Fixed area exists or not</b>	<b>Number of Icons on the Scroll area</b>	<b>Icon size on the Scroll area</b>	<b>Maximum number of scroll screens</b>
Pattern 1	Yes	4	160 x 160px	15
Pattern 2	No	8	160 x 160px	8
Pattern 3	Yes	8	100 x 100px	8
Pattern 4	No	12	100 x 100px	5
Pattern 5 (Default)	Yes	12	86 x 86px	5
Pattern 6	No	18	86 x 86px	3

Note: This pattern can be changed on web page only.

### Legibility of Characters

The MX-3110N / MX-2610N's UI design has greater legibility of characters which makes it easier to read small fonts.

1. Adopt scalable fonts  
Smooth and bold font design.
2. Enlarge basic text size.  
Its size is 15% larger than previous models.
3. Prepare large character mode.  
Its text size is 30% larger than normal mode.



## Basic Operation Panel Layout

Our conventional models have various hard keys: power source, energy saving, home, copy start (both B/W and colour), system settings, job status, and 10 keys. MX-3110N / MX-2610N feature only three hard keys, power source, energy saving, and home keys. Except for the above keys, MX-3110N / MX-2610N feature various soft keys, which give the following advantages:

1. Preventing potential mistakes in operation.
2. The intuitive panel makes it easier to use and navigate.
3. Changes the place of keys/ higher priority features.

In addition, the main mode of MX-3110N / MX-2610N is changed from conventional models. Instead of "Image Send", "Fax" and "Scan to Email" modes are prepared.



## Favourite

Users can register frequently used features as Favourite from my favourite menu or each feature screen. They can also edit it.

## Program

Although program registration method is different between Copy and Image Send, MX-3110N / MX-2610N's job program in the case of both Copy and Image Send are same. Users can register the job program easier than before. The maximum number of job programs that users can register is 48 plus 1 for preset. In addition, users easily call the registered program by pressing the "Call Program" displayed on the action panel/ home screen. They can also register the paper type for bypass tray.






## Action Panel

The action panel appears on the right side of basic screen of each feature. The panel displays the link button and/or message related to the current displayed screen by proposing next operation. It allows users to choose the desired feature quickly.



## Intuitive Operation

Not only touching the soft key on the operation panel, MX-3110N / MX-2610N adopt the flick operation for easy and intuitive operation like smart phones.

Gesture	Image	Operation	Example of Use
Long touch		Continue touching a certain period of time.	Balloon display to support the operation.
Tap		Hit the screen with finger quickly and lightly.	Operation for settlement
Flick		Slide finger on the screen with touching.	Scrolls the page such as address book on the list or turns over pages
Slide		Move finger, with touching the screen.	For scroll bar
Drag		Put finger on the screen a certain period of time, and then moves finger.	Page edit

## Advanced Preview Feature

Users can easily check and edit the scanned image on the operation panel same as conventional models. MX-3110N / MX-2610N feature output preview mode, 1 Page display, thumbnail display, and 3D display, and edit mode. Then, they can change the display mode in accordance with the purpose. After previewing the scanned images, users basically change the setting of features.

Output preview mode



1 page display



3D display: 1-side



3D display: 2-side



Thumbnail display

Edit mode



## MX-3110N / MX-2610N Sales Guide

### Edit Mode

Users can edit the scanned images, for example, they can rotate each sheet, change the order of scanned sheet, insert the blank page, or delete unnecessary pages.



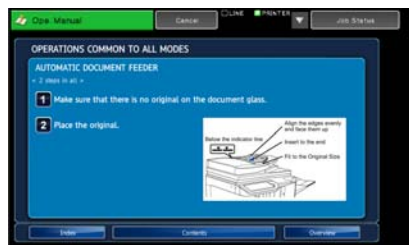
### Erase Specified Range

Additionally, after they check the preview, they can specify four areas that they want to delete.



### Manual Display on Operation Panel

MX-3110N / MX-2610N include the manual on its HDD. When users have trouble with operation, they can check the user manual (help) by displaying it on the operation panel.





### **Web Browsing Expansion Kit**

With the optional web browsing expansion kit installed, users can browse the Internet on the operation panel and print various contents including brochure, ticket, coupon, and/or map.

Note: Printing of PDF data requires optional PS3 expansion kit (MX-PK11).

Screen when Using Web Browsing Expansion Kit







### ■ User-Friendly Design

#### **Tilt Type Control Panel (New!)**

The new panel is tiltable with 3 different positions to choose from. Users, especially for wheel-chaired users can adjust the control panel to improve visibility.



Note: The third position is not available with MX-FN17 or MX-FN10 installed.

#### **Universal Handle**

MX-3110N / MX-2610N have universal handles on the paper drawers. Users can easily grip and pull out the paper drawer from both top and bottom of the paper drawer handle.



#### **Colour Variation**

MX-3110N / MX-2610N feature seven colours of operation panels. Users can easily choose the colour they want. The default colour is green.





## ■ Sharp OSA



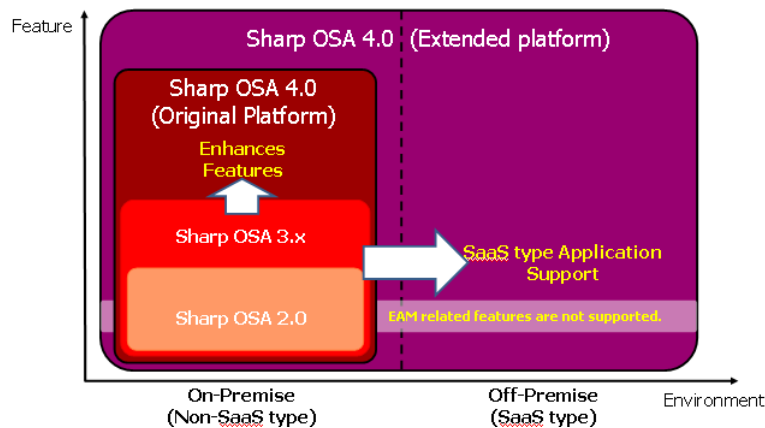
Sharp OSA makes it possible for third-party software developers to create custom applications that link the MFP to software programs on a server or PC, giving you the ability to create your own solutions specific to your own needs. The MX-3110N / MX-2610N are compatible with Sharp OSA versions 2.0, 3.0, 3.2, 3.5, and 4.0 which make it even easier to customise your MFP and integrate it into your office workflow.

### Sharp OSA 4.0

MX-3110N / MX-2610N are the first MFPs with support for the next generation Sharp OSA 4.0\*. Sharp OSA 4.0 differs from earlier versions in that it can connect to server applications outside the firewall. This is commonly known as connecting to the 'Cloud' or to 'Software as a Service' (SaaS) type applications.

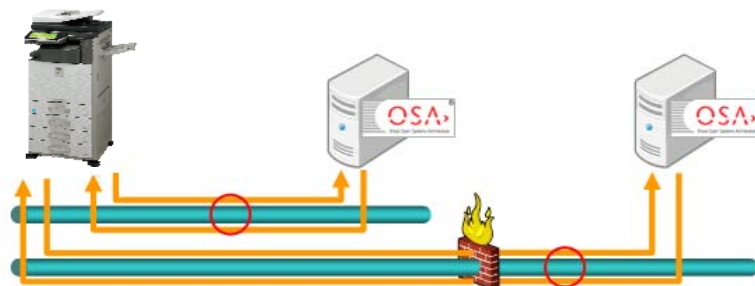
Sharp OSA 4.0 offers two types of platforms, conventional type platform (original platform), which does NOT support SaaS type application, and extended platform, which supports SaaS type application.

\*Connectors or integrations will be available at a later date.



### Extended Platform

Allows Sharp OSA server to be placed outside of the Firewall in addition to inside of the Firewall.  
-> Sharp OSA applications can be provided as SaaS type.



### **Benefits for Customers**

- Customers do not need to install server PC and software.  
-> Reduces cost for IT management.
- Large-scale initial investment is not required.
- SaaS type application can communicate through firewall.  
-> Customers can construct more flexible system.

The above benefits can expand solution sales with Sharp OSA for small and medium-sized companies that have strong demands for SaaS type applications.



## ■ Sharp OSA Network Scanner Tool (Sharp OSA-NST)

Sharp OSA Network Scanner Tool (herein after "Sharp OSA-NST") is the newly developed software available as an option for the MX-3110N / MX-2610N. As well as the license option, it requires the Sharp OSA Application Communication Module, MX-AMX2.

The Difference between NST (network scanner tool) and Sharp OSA-NST.

		NST (Chargeable)	Sharp OSA-NST (Chargeable)
Directly selectable sending folder/data from Operation Panel		No	Yes
No need to register My PC address for all MFP.		Need	No Need
Max number of user registration in one MFP.		Unlimited*1	Unlimited
Feature	Meta data handling (MX-AMX1: Need or No need)	No (Need MX-AMX1)	Yes
	PULL print (PDF/XPS/TIFF/JPEG)*2	No	Yes
	Create the searchable PDF	Yes	Yes
	Specify PDF/A option	No	Yes
	Automatically document title recognition in image file -> renaming	No	Yes
	Batches of digital files are divided automatically with a one time setting.	No	Yes
	Easy to create digital data and automatic classification	No	Yes
	Collect Index Data from Same Sheets	No	Yes
	Easy Search for Desktop Files to Pull Print	No	Yes
	Only storage address of scanning data is sent by e-mail	No	Yes
	Specify the batch processing option (Corresponding to the ability of the CPU)	No	Yes

\*1 It depends on the memory size inside of MFP.

\*2 In the case of PDF, optional PS3 expansion kit (MX-PK11) is required. In the case of XPS, optional XPS expansion kit (MX-PUX1) and expansion memory board (MX-SM10) are required.

## ■ Main Features

### 1. To provide MFP's further convenient and improved scanning

- Browse folders on user's PC and scan directly to the desired folder.
- Create searchable PDFs
- Rename files automatically by title words in document.
- Divide batches of document by a separator sheet.\*a
- Collect index data automatically from forms
- File automatically based on image matching\*b

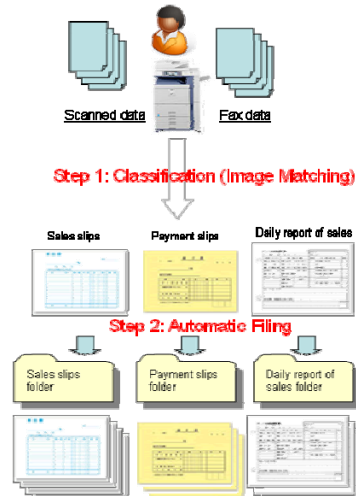
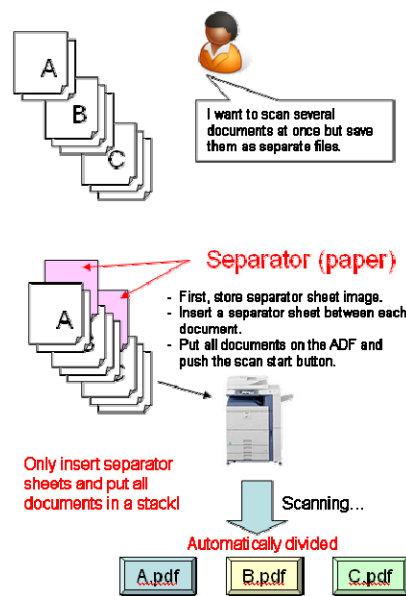


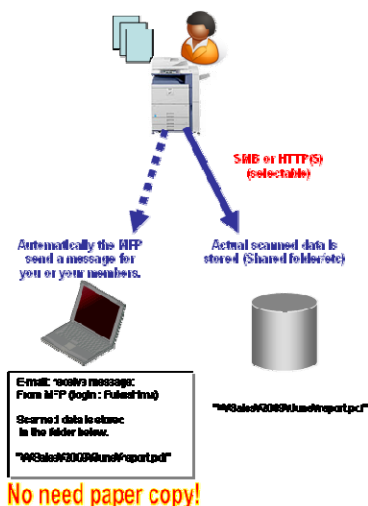
Image Matching with Automatic Document Filing  
This illustration explains \*b.



Scan Separator  
This illustration explains \*a.

### 2. To reduce the paper copy's flow and paper

- Scan to another user's public box to share files\*a
- Choose a file for printing
- Preview scan and print files
- Select common printing and scanning options on one easy-to-use screen
- E-mail a link to the scanned data, minimizing e-mail file sizes\*b



Only storage address of scanning data is sent by e-mail  
This illustration explains \*b.



### 3. To reduce Office IT work at the time of scanning by using MFP

- Central installation of Sharp OSA-NST client on user desktops (push install)
- Client-host synchronisation so profiles are always up-to-date
- Centralised profile storage so users can access their profiles at any MFP



## ■ Environmentally Friendly

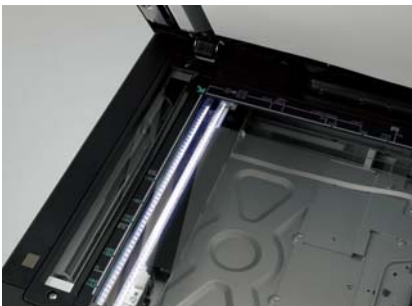
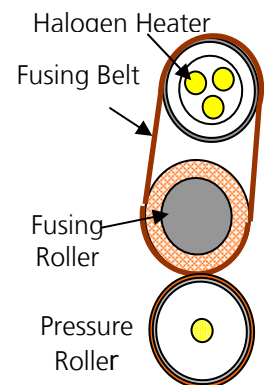
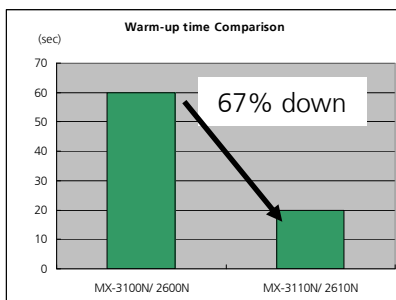
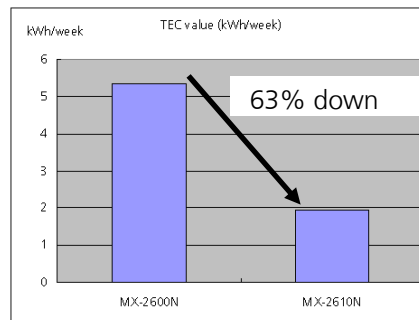
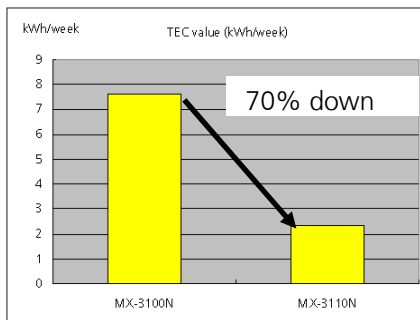
### The Smallest Occupied Area and Weight in the Class

The footprint of the MX-3110N / MX-2610N is just 583 x 658 mm, which is one of the smallest footprint in the class. In addition, its weight is just 74 kg, which is the lightest weight in the class.

### Drastically Reduced TEC Value

The MX-3110N / MX-2610N adopt various environmental technologies, for example, the newly developed belt fusing unit, the learning feature to reduce power consumption, and uses LED lamp. (These are same as MX-2310U). In addition, MX-3110N / MX-2610N feature "eco scan" mode, which executes the job with remaining fuser off when doing the job that does not use fuser such as image send or document filing. These technologies result in drastic reduction of the TEC value and warm-up time compared to previous model, MX-3100N / 2600N.

- 1) TEC value comparison between MX-3100N (7.71 kWh) and MX-2600N (5.34 kWh), and MX-3110N (2.3 kWh) and MX-2610N (2.0 kWh).
- 2) Warm up time comparison between MX-3100N / MX-2600N (60 sec) and MX-3110N / MX-2610N (20 sec)



The power consumption of exposure lamp is drastically reduced by changing it from Xenon to white LED.



## Energy Saving Mode

The MX-3110N / MX-2610N can be set to go into power save mode after a set period of inactivity. In addition to this, there is a power-save button which, when pressed, forces the MFP into power save mode immediately.

## Eco Mode (New!)

The MX-3110N / MX-2610N have an "Eco mode", which can make the energy saving related settings collectively.

**SHARP MX-2610N**

User Name: Administrator Logout(L)

**Eco Setting**

Submit(U) Update(R)

Eco Mode Setting: ☐ Normal Mode ☒ Eco Mode ☐ Following the System Settings

Setting values applied by each mode is as follows.

Energy Save	Normal Mode	Eco Mode
Eco Scan	On(Sending Modes Only)	On(All Modes Except Copy)
Auto Power Shut-Off Timer	Fixed Time:Off	Fixed Time:On (1min.)
As soon as the remote job is finished, enter Auto power shut off mode.	Off	On
Power Management Setting	On	Off
Preheat Mode Setting	1min.	1min.
Panel display during pre-heat mode	On	On

Each Energy Save settings in System Settings is not applied when Normal/Eco mode is used.

Back to the Top on This Page ▲

Submit(U) Update(R)

http://192.168.1.50/sys\_energy\_save\_eco.html インターネット

## Enhanced Auto Power Shut Off

MX-3110N / MX-2610N have an enhanced "Auto Power Shut-off" mode same as MX-2310U. MFPs can automatically set auto power shut-off timer in accordance with its machine's usage. Of course, users can also manually set the auto power shut-off timer through the MX-3110N / MX-2610N web page. In addition, when "Shift to the auto power off modes after ending remote job" is enabled, "Auto Power Shut-Off" works after print job is completed or fax is received.

## Eco Scan Feature (New!)

MX-3110N / MX-2610N also support Eco scan feature: the jobs without involving printing such as Image Send or Scan to HDD can be executed, with fusing turned off.

## Power On/Off Scheduling (New!)

Users or Administrator can register the schedule when MX-3110N / MX-2610N are automatically turned on or off. For example, they can set the MFP is turned on at the starting time of work and then turned off during lunch time or at the end of the day. They can set up to three patterns.





### Environmental Regulations

- RoHS is a European directive, on the restriction of the use of certain hazardous substances in electrical and electronic equipment.
- WEEE – The Waste Electrical and Electronic Equipment regulations is aimed at reducing the amount of waste going to landfill and improving recovery and recycling rates.
- Energy Star is a label for energy efficient products with worldwide recognition. The Energy Star programme was introduced to Europe in 2002 as a voluntary label for computers, monitors, printers, fax machines, scanners, copiers and multifunctional machines. New specifications were introduced in 2007 which ensure that the Energy Star represents only the markets most energy efficient products.
- The official Nordic Ecolabel demonstrates that a product is a good environmental choice. They check that products fulfill certain criteria including power consumption, materials used, emissions and performance properties. The label is usually valid for three years. (As of January 2011, MX-3110N / MX-2610N have not yet been certified with Nordic Ecolabel).



The MX series is designed with the environment in mind and based on Sharp's policy of becoming a totally environmentally friendly company.

- The MX series has been developed with "Common platform" concept, which utilises common mechanical parts, boards, consumables, software and controllers as much as possible. This fact is important for the overall company's activities such as stock management, production, logistics, technical training, etc. This means less power is required to sustain the company's activities and total energy consumption is reduced, as everything is Sharp.
- The material name and characteristics are mentioned on all plastic parts and cabinet for recycling. Also labels for caution or operation are reduced as much as possible and instead of these messages are now embossed on plastic.

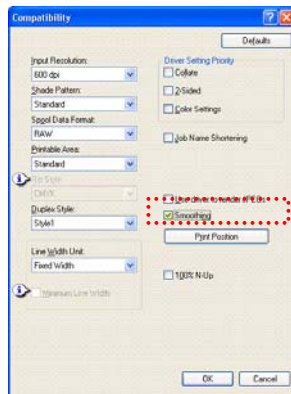


## ■ Image Quality

## ■ Copy/Print

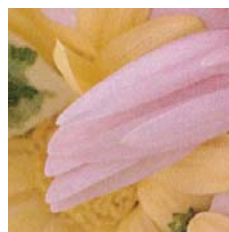
### Resolution Enhancement Technology

The MX-3110N / MX-2610N support RET. In the case of Copy, Manual: Text, Map mode, and Text of Copy of Copy mode support RET. In the case of print, users can choose whether they use RET mode or not on the printer driver. (Users can set it by clicking "Advanced" tab -> "Compatibility" button -> "Smoothing" of the printer driver.)



### Enhanced Granular Quality

Enhancing granular quality enables copied/printed data to be smoother.



MX-3100N/  
MX-2600N



MX-3110N/  
MX-2610N

### More Vividly Reproducing Cyan

By changing toner, colour reproduction area becomes wide. Therefore, MX-3110N / MX-2610N can copy/print data especially cyan-based colour such as blue and/or green including sky, sea, grass, and/or trees brighter and more vividly.

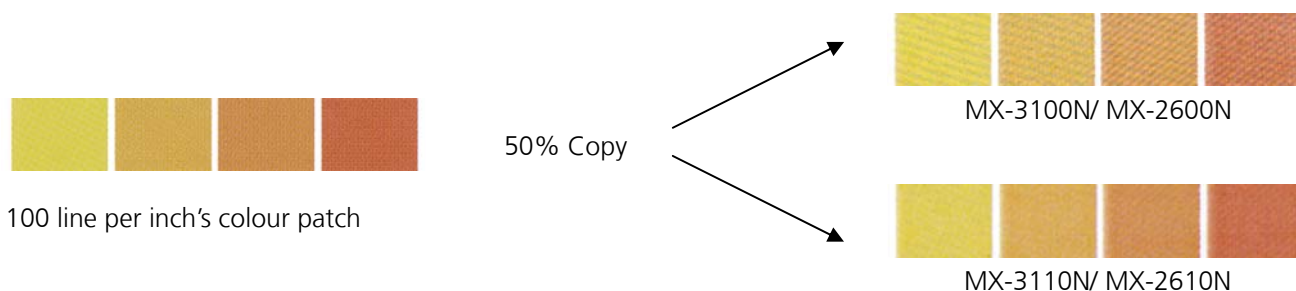


## ■ Copy

### Suppressing Occurrence of Moire

When reducing and copying the original, MX-3100N/ MX-2600N tend to produce the copy with moiré. Because the resolution of the data tends to be low. In this case, the MX-3110N / MX-2610N internally switch the filter to reduce moiré.

Note: Users can not manually switch the filter.



Note: Moire is an interference pattern created, for example, when two grids are overlaid at an angle, or when they have slightly different mesh sizes.

### Enhanced Text Reproduction

With keeping the image quality, MX-3110N / MX-2610N can recognise the part that is difficult to recognise as text as texts at text mode. This enables users to read texts on the image clearly.

## ■ Print

### Trapping

Trapping digital files is the process of compensating for its misregistration on the original by printing small areas of overlapping colour where objects meet. Users can manually execute trapping by checking the “Trapping” box on the Advanced Colour Settings.



Note: The above figures are simulated to show the difference clearly.



## Source Profile

Users can choose Source Profile from six values. The "Gamma 3.0 and Gamma 2.6 are added. Users can use these modes to show the depth of colour.



Gamma 1.6



Gamma 1.8



Gamma 2.0



Gamma 2.2



Gamma 2.6



Gamma 3.0

## Sharpness

Users can choose Sharpness from 5 values. When users choose "Very Soft" or "Soft" mode, moiré can be reduced. They can use those modes when there is concern about moiré at the time of printing a scanned image. When they choose "Sharp" or "Very Sharp", texts on the original are clearly reproduced. They can use those modes when they want to clearly display the outline or texts in digital photo.

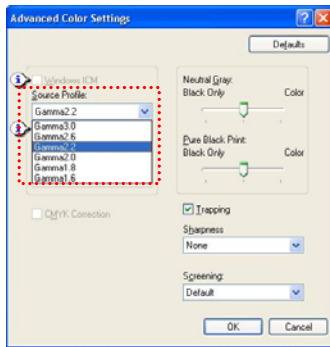




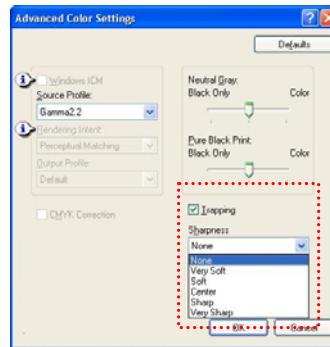
## Original Type

MX-3110N / MX-2610N newly offer Image Type – Custom in addition to Colorimetric. When users choose Colorimetric, colours of printed data are adjusted to be close to colours of LCD panel. When users choose “Custom”, users can choose the profile they prepare.

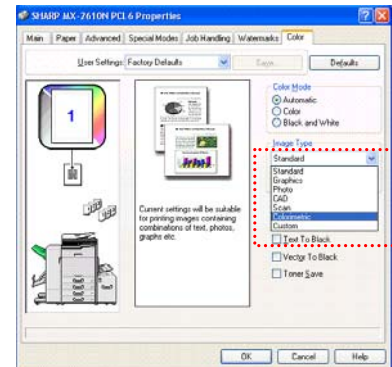
Note: Administrator only registers one profile.



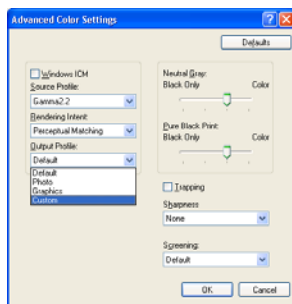
Trapping and Source File



Sharpness



Original Type- Colorimetric/ Custom



Original Type- Custom (Detailed screen)





## ■ Document Filing Data (New!)

MX-3110N / MX-2610N newly feature the retention mode (RGB\_RIP) appropriate when users want to resend/reprint the printed data stored in the MFP's HDD for a long time. Although conventional models can not resend the print data stored in the HDD, MX-3110N / MX-2610N can do that. In addition, whenever users reprint the printed data stored in HDD, they can always get same result, in other words, the colour tone of printed data does not change. We can also say that colour of thumbnail image are expressed with the colour of original image.

Item	RGB_RIP	CMYK_RIP
Resend	Available	Not Available
Colour Tone at the time of Reprint	Not changed	May change
Colour Reproduction of Thumbnail Image Compared to Original	Same	May be different



1. Print data (RGB)

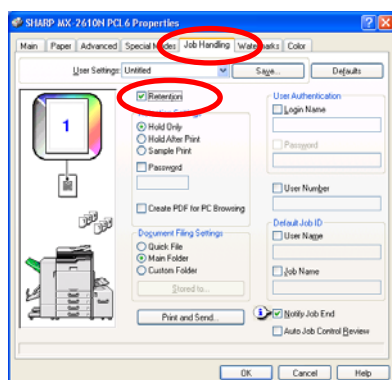


2. MX-3100N / MX-2600N (Web Thumbnail)

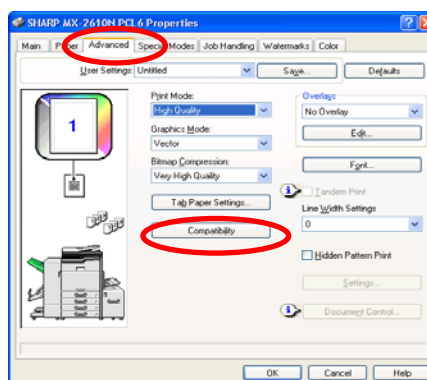


3. RGB\_RIP (Web Thumbnail)

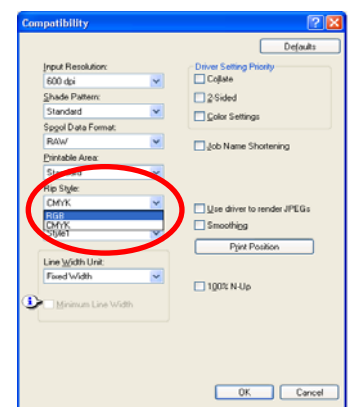
Note: When users change the RIP style into RGB in accordance with the following procedure, the data become resendable.



(1) Tick "Retention" on the Job Handling tab.



(2) Click "Compatibility" on the Advanced tab.



(3) Change the "Rip Style" from "CMYK" to "RGB".



### ■ Scan

#### Enhanced Colour Reproduction

Compared to the MX-3100N / MX-2600N, the MX-3110N / MX-2610N can produce brighter and clearer scanned images than the data produced by MX-3100N / MX-2600N at auto mode, text mode, text/prtcd.photo, or printed photo mode.



MX-3100N / MX-2600N



MX-3110N / MX-2610N

#### Enhanced Legibility of Small Characters

In addition, MX-3110N / MX-2610N can clearly produce small black or colour text on complicated backgrounds at not only colour mode but also at grayscale and B/W mode. Therefore, the text is easy to read.



MX-3100N / MX-2600N



MX-3110N / MX-2610N

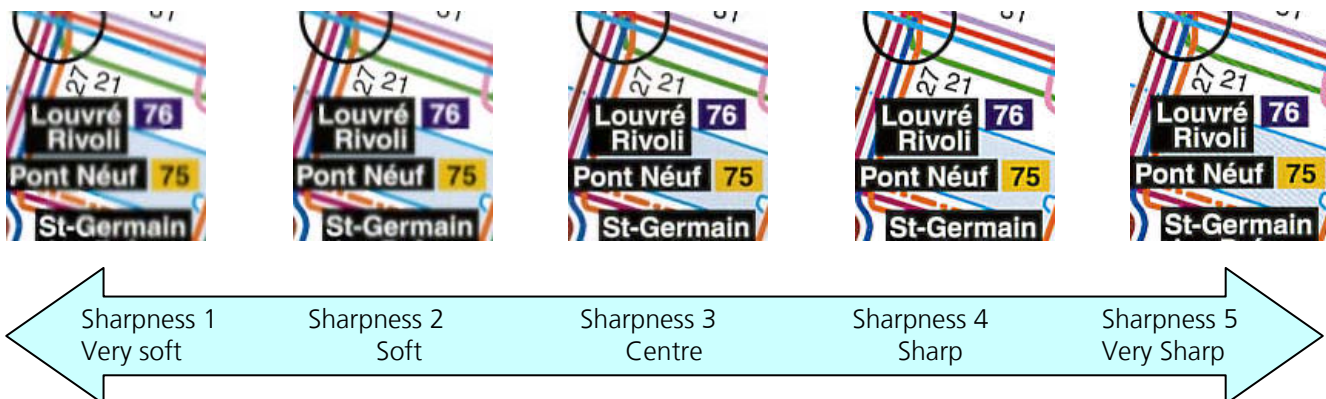




## Sharpness / Contrast (New!)

MX-3110N / MX-2610N are the first models that have the Sharpness / Contrast feature at the time of scanning. Both modes have five levels (1 to 5). Level 3 is same as Sharpness / Contrast "Off". When users choose "Sharpness 1\*", occurrence of moiré can be reduced\*. On the other hand, when they choose "Sharpness 5" and/or "Contrast 5", texts on the image are clearly scanned. Users can set Sharpness and Contrast simultaneously.

### Sharpness



### Contrast



Note: "Sharpness 1" of MX-3110N / MX-2610N are almost same as "Moire Reduction" of conventional models. Therefore, "Moire reduction" is integrated into "Sharpness" from MX-3110N / MX-2610N.



## 150 dpi Scanning (New!)

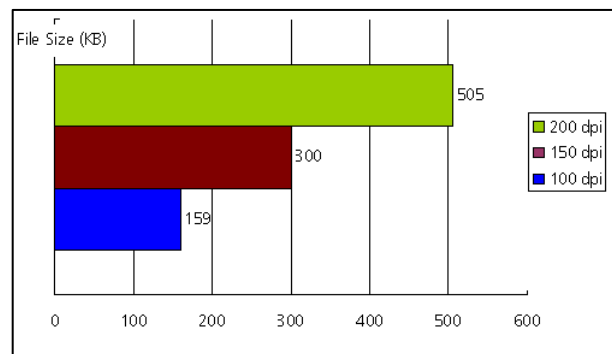
MX-3110N / MX-2610N are the first model to offer additional 150 dpi scanning. 150 dpi can produce small file size, users can read small characters.



5pt We carry a full range of from 200 dpi

5pt We carry a full range of from 150 dpi

5pt We carry a full range of from 100 dpi





### ■ High Productivity (Specification-Related)

#### ■ Copy/Print/Scan Speed

The MX-3110N / MX-2610N's engine speed is 31/26 cpm/ppm for both colour and B/W.

#### Copying

In the case of 1-sided copy through RSPF, the machine can read at speeds of up to 50 opm for B/W and 36 opm for colour.

In the case of 2-sided copy through RSPF, the machine can read at speeds of up to 20 opm for B/W and 17 opm for colour. This speed is 25% faster than the MX-3100N / MX-2600N.

Note: This is just reading speed through RSPF. The actual copy speed is 31/26 cpm for both colour and B/W.

#### Scanning

In the case of 1-sided scanning, the machine can scan at speeds of up to 50 opm for both B/W and colour.

In the case of 2-sided scanning, the machine can scan at speeds of up to 20 opm for both B/W and colour. This speed is also 20% faster than that of MX-3100N / MX-2600N.

#### First Copy Time

The first copy is output in just 7.9 seconds for colour and 5.8 seconds for B/W for MX-3110N, and in just 8.1 seconds for colour and 5.9 seconds for B/W for MX-2610N. Combined with a warm up time of less than 20 seconds, it's evident that everything has been designed with efficiency in mind.

Note: Best achieved time based on A4 copy, long edge feeding from 1<sup>st</sup> paper drawer, using document glass, when machine is ready without Auto Colour Mode and Auto Colour Selection. May vary depending on machine conditions and operating environment.

#### Gigabit Ethernet (1000Base-T)

The speed of the network connection has been improved with the addition of Gigabit Ethernet – so your print jobs will reach the MFP faster and your scan jobs will be sent much more quickly.

#### Direct SMTP

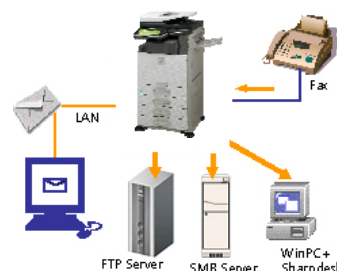
When using Internet Fax, if both the sending and receiving machines are capable of operating by Direct SMTP, the Fax can be transmitted without going through the mail server. This eliminates a potential bottle neck, and since the Fax is transmitted directly, it takes less time to arrive.

#### Fax Management

With the advanced Fax management functions of the MX-3110N / MX-2610N, you need never print a fax again.

- Inbound Routing will send faxes directly via email to a specified recipient or send them as tiff data to servers/PCs, so that only required faxes need to be printed.
- PC-Fax enables documents to be faxed directly from your PC – no need to print them first.

Note: Fax expansion kit (MX-FX11) is required.





## **Print and Send (New!)**

The purpose of this feature is to process two or more jobs (Copy/ Image Send/ Document Filing/ Fax/ Internet Fax) by one operation. The following are the settable combinations.

Main Mode	Function that can operate simultaneously	Remarks
Copy	Image Send	Yes
	Document Filing	Already supported.
Image Send	Document Filing	Already supported.
Print	Document Filing	Already supported.
	Image Send	Add to the driver. (Direct pull print)



## ■ High Productivity (Function-Related)

### ■ Copy

#### Single/ 2-Colour Copy (Upgraded)

In addition to red (R), green (G), blue (B), cyan (C), magenta (M), and yellow (Y), users can select nine more colours (orange, navy, light green, light blue, aquamarine, purple, pink, yellow green, and beige) when they execute single or 2-colour copy. In the case of 2-colour mode, they can choose not only extraction of red colour but also extraction of chromatic colour excluding black.

2-Colour Copy Mode



Single Copy Mode

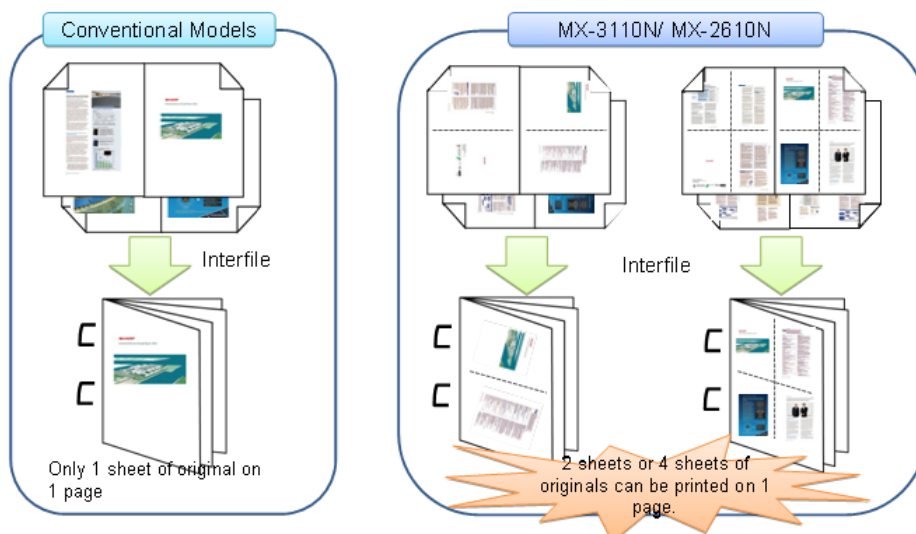


#### Custom Image (New!)

Users can not only use custom stamp, but also they can prepare stamps as they like. They can register two types of user stamp, stamp image and watermark from PC to MFP's designated folder of HDD.

#### Multi Shot (2-in-1, or 4-in-1) + Pamphlet Copy (New!)

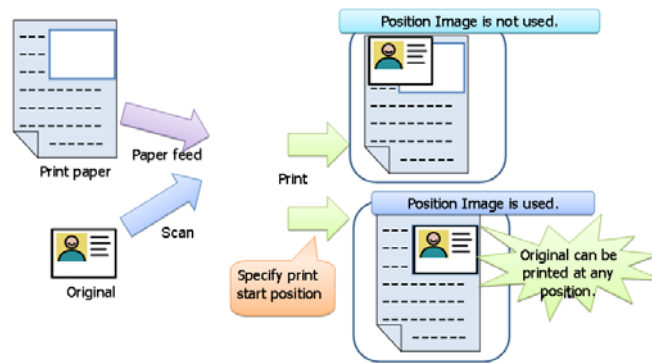
When the saddle stitch finisher is installed, two sheets or four sheets of original can be printed on one page. This enables reduction of paper waste when outputting multiple pages of document.





## **Position Image (New!)**

Users can copy a scanned image such as scanned photo/ graph into specified place on printed document by specifying the amount of shift (X-direction and Y-direction). Of course, users can check the image whether the specified image is correctly placed or not by using Preview screen or Sample copy feature. This is useful when users want to integrate the original such as photo or graph into the printed paper.



## **Zoom (Upgraded)**

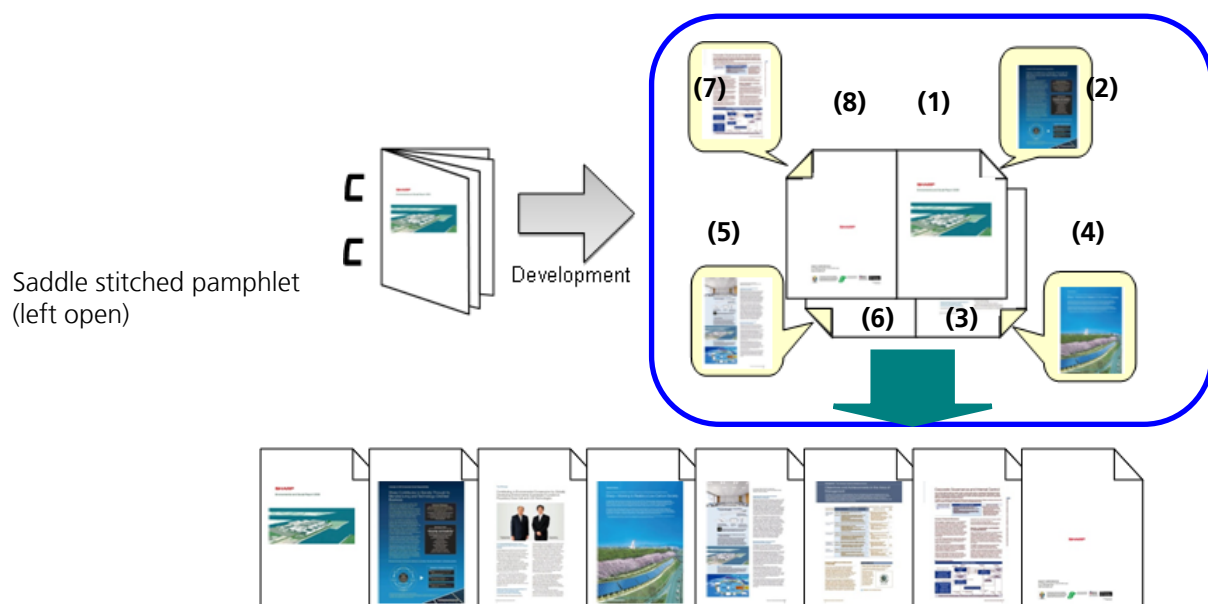
Users can reduce/enlarge the original data, by automatically calculating the appropriate ratio on MFP. Users only specify the original size and size of result. This feature improves job efficiency and reduces waste of paper.

## **Repeat Layout (Upgraded)**

MX-3110N / MX-2610N enhance the current photo repeat feature. In addition to photos, they can repeat and print images repeatedly in one sheet. There are three modes, auto, fixed repeat, and photo repeat.

## **Book Divide (Copy/Scan) (New!)**

When users copy/scan pamphlet-styled document, conventional machines just copy/scan each sheet. Therefore, users haven't received the data in order of page number. MX-3110N / MX-2610N can copy/scan each page in order of page number by dividing right/left (top/bottom) centrefold of saddle stitched pamphlet into each page.

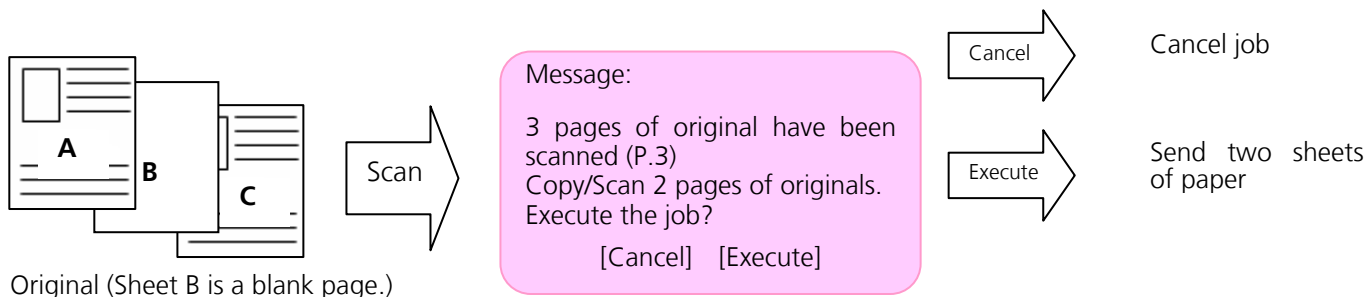






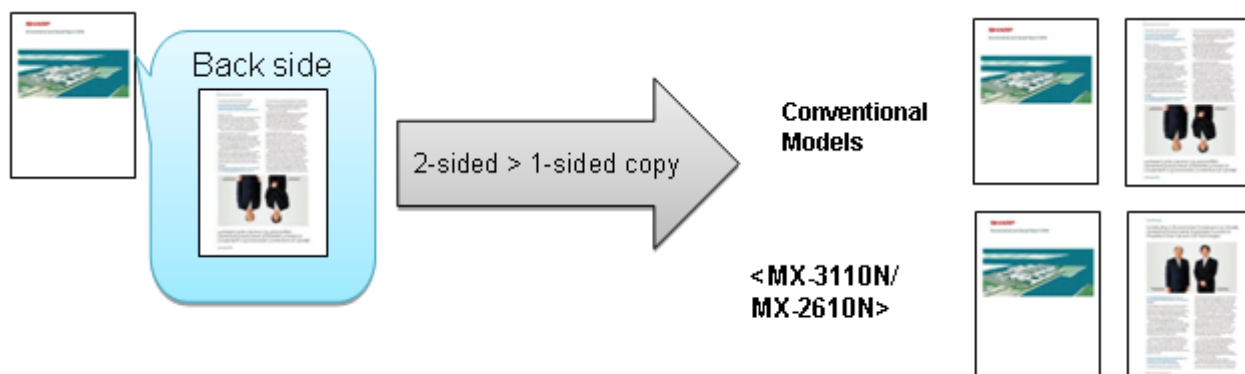
## Blank Page Skip (Copy/Scan) (Copy: New!)

Deleting the blank pages that might be mixed in the original enables reduction of communication time and data volume. MX-3110N / MX-2610N can execute "Blank Page Skip" from the document glass, too.



## Rotate Back Face 180 Degrees (2-side to 1-side: New!)

The conventional models can set "Binding Change" if they want to rotate back face 180 degrees at the time of 1-side to 2-side, and of 2-side to 2-side. MX-3110N / MX-2610N can set "Rotate back face 180 deg".



## Other Upgraded Features

No.	Items	Explanation	Conventional Model Specification
1	Multi Shot (8 in 1)	Added 8 in 1 into the Multi shot feature.	Max 4 in 1.
2	Print only cover page at 1-up at the time of executing Multi Shot feature	Only cover page is printed at 1-up when users use the multi shot feature. This is enabled by combining the Multi Shot feature and Covers/Inserts feature.	Combination between Multi Shot feature and Covers/Inserts feature is not available.
3	Extended Original Count feature	"Original Count" is available when copying data from the document glass.	"Original Count" is available only when copy is fed through document feeder.
4	Extended Multi-Page Enlargement	Supports enlargement from A system to B system, and B system to A system.	Supports A system to A system, and B system to B system.
5	Extended Repeat Layout	In addition to "Photo repeat", "Fixed repeat" is prepared.	"Photo repeat" only.

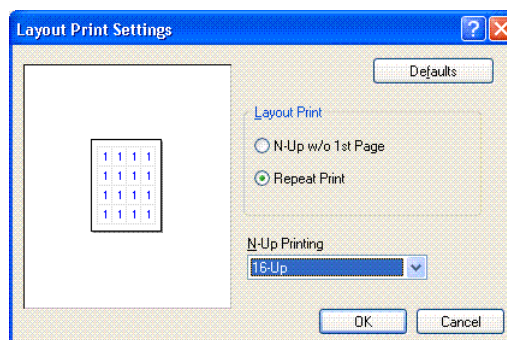
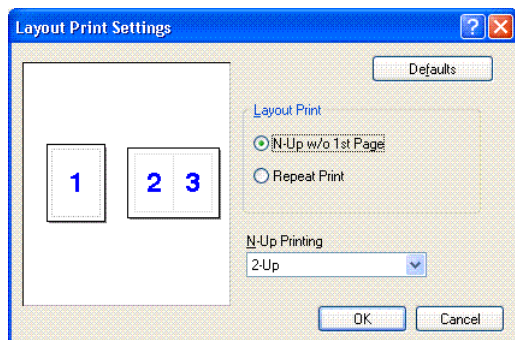




## Print

### Layout Print (New!)

Users can print the specified multiple images on a single sheet of paper except for the first page (N-Up w/p 1<sup>st</sup> Page), or print the repeated images of the page on a single sheet of paper (Repeat Print),  
Users can choose printer driver: [Special Mode] -> [Layout Print].



### Other Major New Features

No.	Items	Explanation	Conventional Model Specification
1	Additional features that can set at the time of Direct Print	The following features can newly be set. <ul style="list-style-type: none"> <li>• N-up Print</li> <li>• Gloss paper print</li> <li>• Output resolution</li> <li>• Sharpness</li> <li>• Filing</li> </ul>	Not available.
2	Pamphlet Style + N-Up Printing	Pamphlet Style + N-Up Printing are available.	Only Tiled Pamphlet and 2-Up Pamphlet can be chosen.
3	100% N-Up	When users want to execute N-Up print with the 100% ratio.	Not available.
4	Additional Duplex Style	Some applications such as Office 2010 can prepare Print setting mode. To print data in appropriate direction, users can choose three duplex styles.	Not available.



## ■ Image Send

### Address Book (Upgraded)

From MX-3110N / MX-2610N, number of addresses that can be registered increases from 999 (MX-3100N / MX-2600N) to 2,000. In addition, the address book format is changed. For example, when users register both email address and Fax number, they can register both of them per registered name like mobile phones' address book. They can also set whether their address is opened to all users or limited users/group. This enhancement improves security and search performance.

### Bk Letter Emphasis (New!)

MX-3110N / MX-2610N newly prepare Bk Letter Emphasis mode, which can improve legibility of black letter, suppressing the file size. This high compression mode can be executed without installing the enhanced compression kit (MX-EB11). The resolution for black letter area is 300 dpi and the resolution for other area except for black letter area is 150 dpi. When users scan the data that includes black letters mainly and colour figure(s), they can receive the smaller size data than the time when they scan the data at 200 dpi and medium of compression ratio. Also the image quality for black letters is better than that obtained at 100 dpi although those file sizes are almost same.

The following figure describes the difference among normal PDF, Bk Letter Emphasis, and Compact PDF.

	Normal PDF			Bk Letter Emphasis	Compact PDF
	200 dpi	150 dpi	100 dpi		
File Size	Very Large	Large	Small	Small	Very Small
Image Quality	Good	Good Enough	Not Good	Bk Letter: Good Colour Letter: Good Enough Photo: Enough	Good

Note: The file size may vary, depending on the original data.

### Output Data Example



Data scanned at 100 dpi



Data scanned when Bk Letter Emphasis is On.

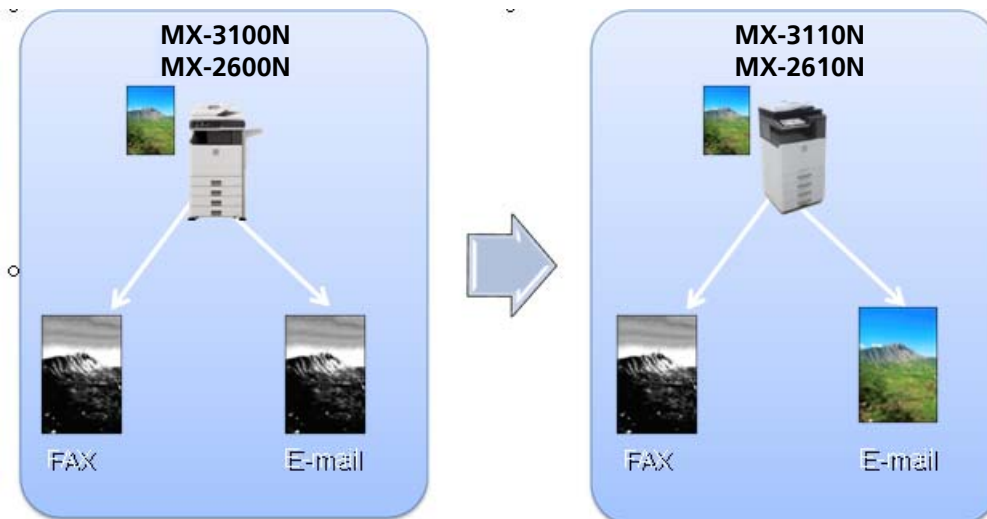
Note:

This mode supports black letters only. (It doesn't support grayscaled letters, colour letters, and negative letters.)



## One Scan Multi Format (New!)

In the case of broadcasting, users can send the data by changing colour and/or resolution in each mode. For example, when sending data both to fax destination and email, users can send the data in B/W to Fax destination and in full colour to e-mail address.

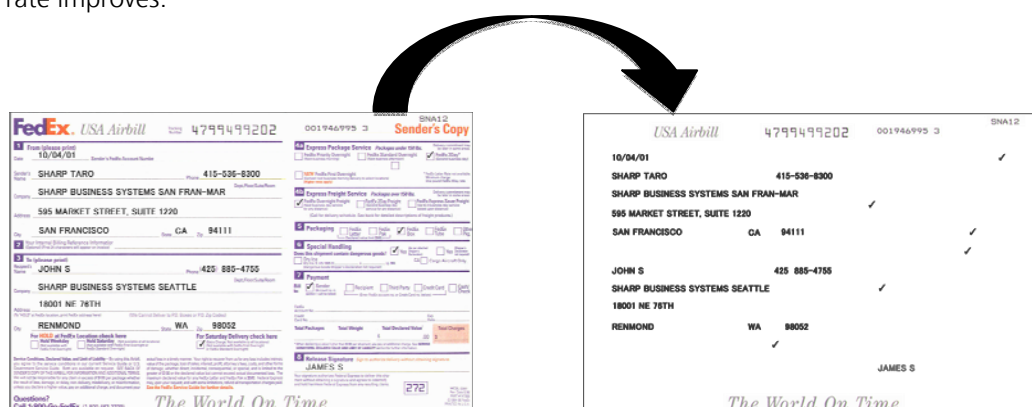


## My Address (New!)

Authentication information is granted to each address. Users can view addresses that they choose. This feature improves user-friendliness and security.

## Drop Out Colour

It is possible to erase chromatic colour from the image. This feature for example, enables you to focus more easily on the words or phrases and store it more compactly. If users OCR the data that uses this feature, the recognition rate improves.



Note 1: This feature can only be used when set to [Mono2] in [Colour Mode].







Note 2: When this feature is selected, the "Original Image Type" setting for exposure adjustment automatically changes to "Text".

Note 3: This feature cannot be used in Internet Fax mode.



## File Formats

The MX-3110N / MX-2610N are compatible with a wide variety of document file formats:

	Mode	Print	Scan		
		Direct Print <sup>*1</sup>	B/W	Colour	Grayscale
	Microsoft XPS	Opt <sup>*1</sup>	√	√	√
	PDF	Opt <sup>*2</sup>	√	√	√
	Compact PDF	Opt <sup>*2</sup>	-	√ <sup>*3</sup>	√ <sup>*3</sup>
	Encrypted PDF	Opt <sup>*2</sup>	√	√	√
	JPEG	√	-	√	√
	TIFF	√	√	√	√

<sup>\*1</sup> Requires MX-PUX1 and MX-SM10

<sup>\*2</sup> Requires MX-PK11.

<sup>\*3</sup> Requires MX-PK11 + MX-EB11



### ■ FAX

#### **Easy Switching of Inbound Routing (New!)**

Conventional models only set Inbound Routing from Web page. With the MX-3110N / MX-2610N you can set it from operation panel, too.

#### **Store Fax Received Data on the HDD in MFP (New!)**

Conventional models store only FAX data in the FAX memory. If the fax memory is full, new fax data can NOT be received. And then, if users print the data in the Fax memory, the data is deleted. MX-3110N / MX-2610N can store FAX data users want to save on the HDD of MFP.

#### **Time Specified Output of Received Data (New!)**

Users can print the received Fax data at a specified time, for example when MFP is not heavily used, freeing up the MPF during busy times.



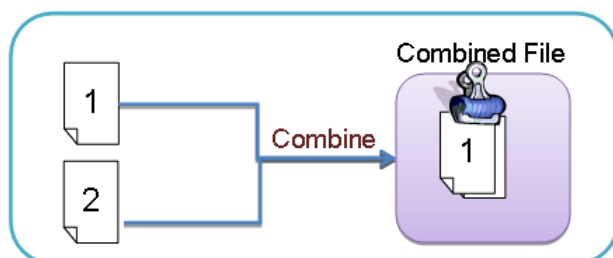
## ■ Document Filing

### Combine File (New!)

Users can combine two files in the HDD of MX-3110N / MX-2610N into one file.

Note: Users can NOT do the followings.

1. Combine three or more files.
2. Combine some part of data.
3. Specify the position of combination (Page inserts).



### Create PDF for PC Browsing (New!)

Users can browse the PDF data stored on the MFP's HDD from their PC by converting the filing data into PDF data. Of course, they can download the PDF data.

Note: When you use this feature, both normal document filing data and PDF data are created, so they consume the capacity of MFP HDD.

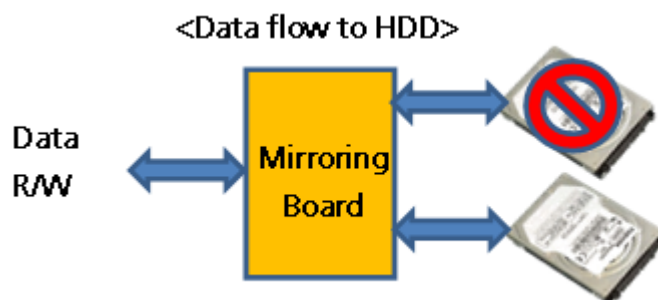
### Store PC's Application Data into MFP's HDD (New!)

In addition to save the filing data as PDF, users can use MFP's HDD as the network access server (NAS). Other users can read/upload the data stored in MFP.

Note: We can not assure the data stored into MFP's HDD, so we recommend to install the optional mirroring kit (MX-EB12) for your safety.

### Data Backup (Mirroring Kit) (New!)

Data handling has been enhanced on the MX-3110N / MX-2610N, for example users can use the MFP's HDD as NAS and share/edit the document filing data. The optional Mirroring Kit is a second hard drive which enables data back up of those files stored on the HDD.

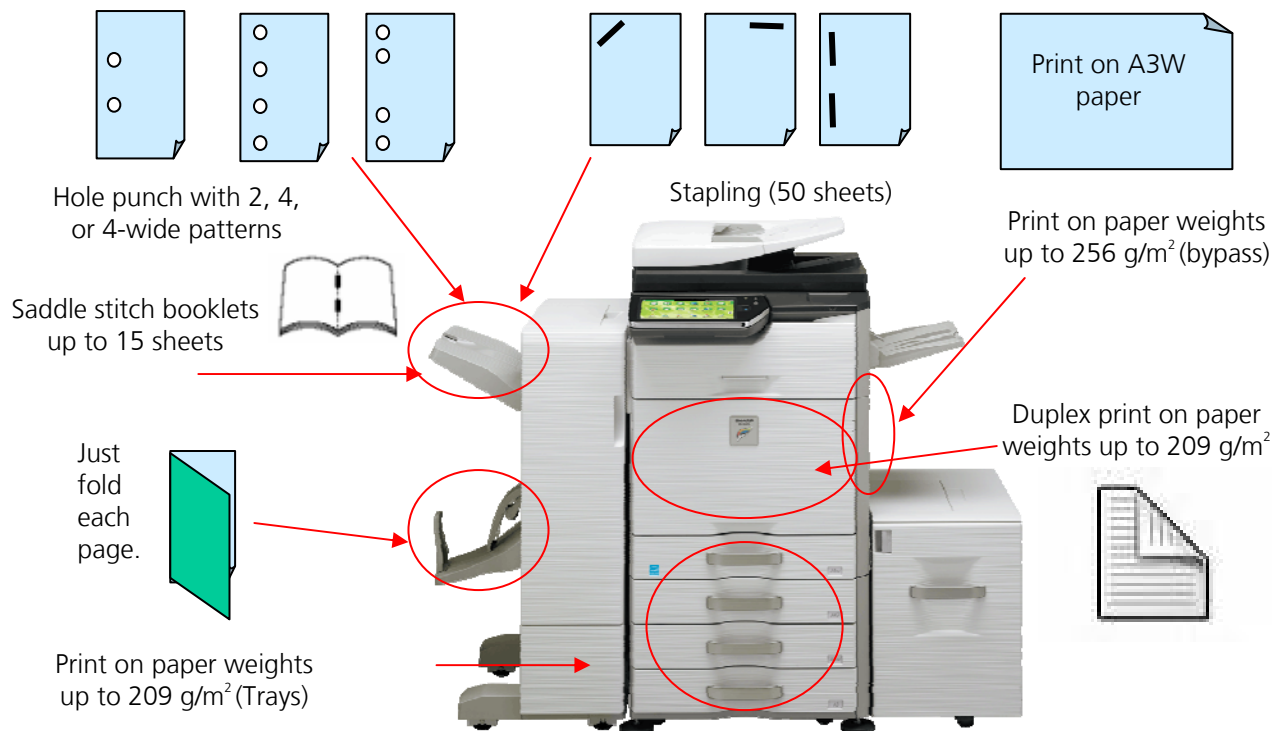


Even if one HDD is broken, the data can be secured.

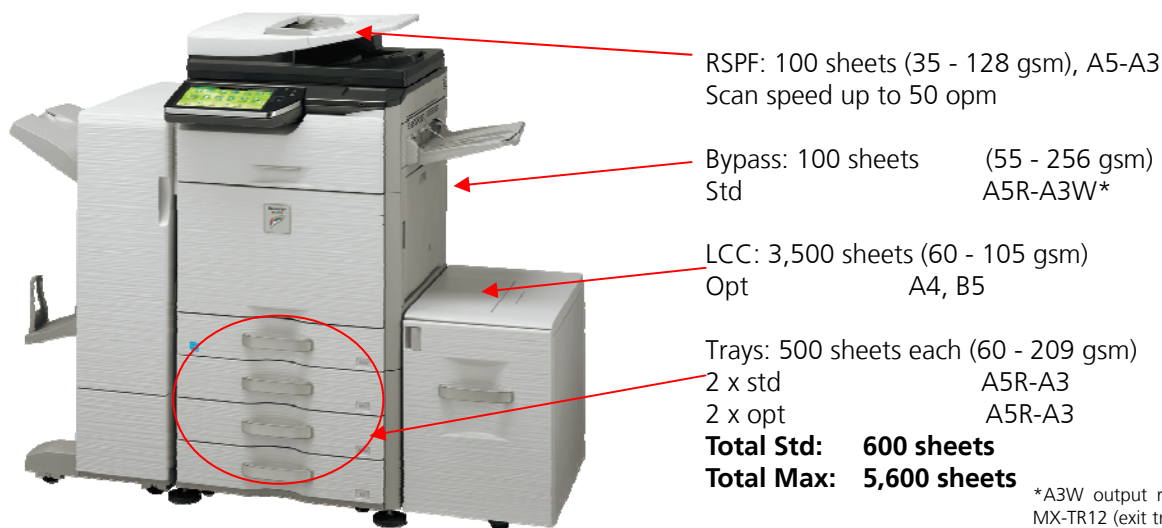


## Flexible Paper Handling

More and more offices are choosing to create as many documents as possible in-house. This means that an office MFP has to be able to produce a wide variety of documents in different formats and styles.



\* It is possible to fold a single sheet of paper without stapling. This is particularly useful for leaflets, and for areas where postage costs are determined by package size.



\*A3W output requires either MX-TR12 (exit tray), MX-FN17 (inner finisher) or MX-FN10 (saddle stitch finisher)

Thanks to this flexibility in finishing option, plus excellent output quality, the MX-3110N / MX-2610N can be used for many types of document, from reports and records to training materials, not to mention leaflets, mail drops or posters.

Note: Punch module can punch 55 g/m<sup>2</sup> - 256 g/m<sup>2</sup> paper. But in case of 129 g/m<sup>2</sup> - 256 g/m<sup>2</sup> paper, the punch hole may not be a perfect circle.





## ■ Ease of Use

### Common Drivers

Sharp uses a simple driver design, which is standardised across most models meaning that:

- If you can use one Sharp printer, you can use any other Sharp printers
- Only one driver disk is needed to install drivers for any of our colour range, making drivers easy to manage



MX-3100N/ MX-2600N



MX-3110N/ MX-2610N

### Remote Access Front Panel

The control panel for most MFPs is fixed, making it difficult for some people to use the MFP. To combat this, Sharp has developed the Remote Front Panel which shows the full operation panel on a PC as it is on the MFP, making it easy to control remotely. Service helpdesk or disabled users can connect with the MFP using this feature.

Remarks: It is necessary to install the remote software to users' PC. (Recommended VNC Software: RealVNC, TinyVNC, SRDM)



Other uses include:

- Training – the user panel can be shown to a whole room using a projector, so there is no need for all of the trainees to group around the front of the MFP.
- Helpdesk support – help a user navigate using Remote Front Panel, so no need to visit the MFP.
- Remote Administration – for example, an admin at a company HQ does not need to visit the branch office to manage the MFP.
- Sharp OSA developers can support their software remotely.



### **USB Interface**

An easy to access USB port allows users to scan important documents directly onto their USB memory drive, or to print documents directly from their USB memory. Compatible file formats include:

- PDF
- Encrypted PDF
- Compact PDF (MX-EB11 installed)
- XPS
- JPEG
- TIFF

Note: When users print PDF, Encrypted PDF, or Compact PDF data in USB memory, they have to install MX-PK11

There are two USB ports; one at the front of the MFP on the operation panel and one at the rear of the MFP. Both ports (rear side and front side) can be used simultaneously.



Two places



### **System Settings**

When users want to operate the system settings, they operate from operation panel and/or the Web page. However, as for conventional models, some settings can be made only from Web page and the screen of the system settings. From MX-3110N / MX-2610N, number of settings that can be made is almost same from operation panel and Web page.



## ■ Multi-layered Security Solutions

The MX-3110N / MX-2610N employs Sharp's unsurpassed expertise in security to ensure that your data remains safe; whoever has access to your MFP.

### Secure data during communications with the MFP

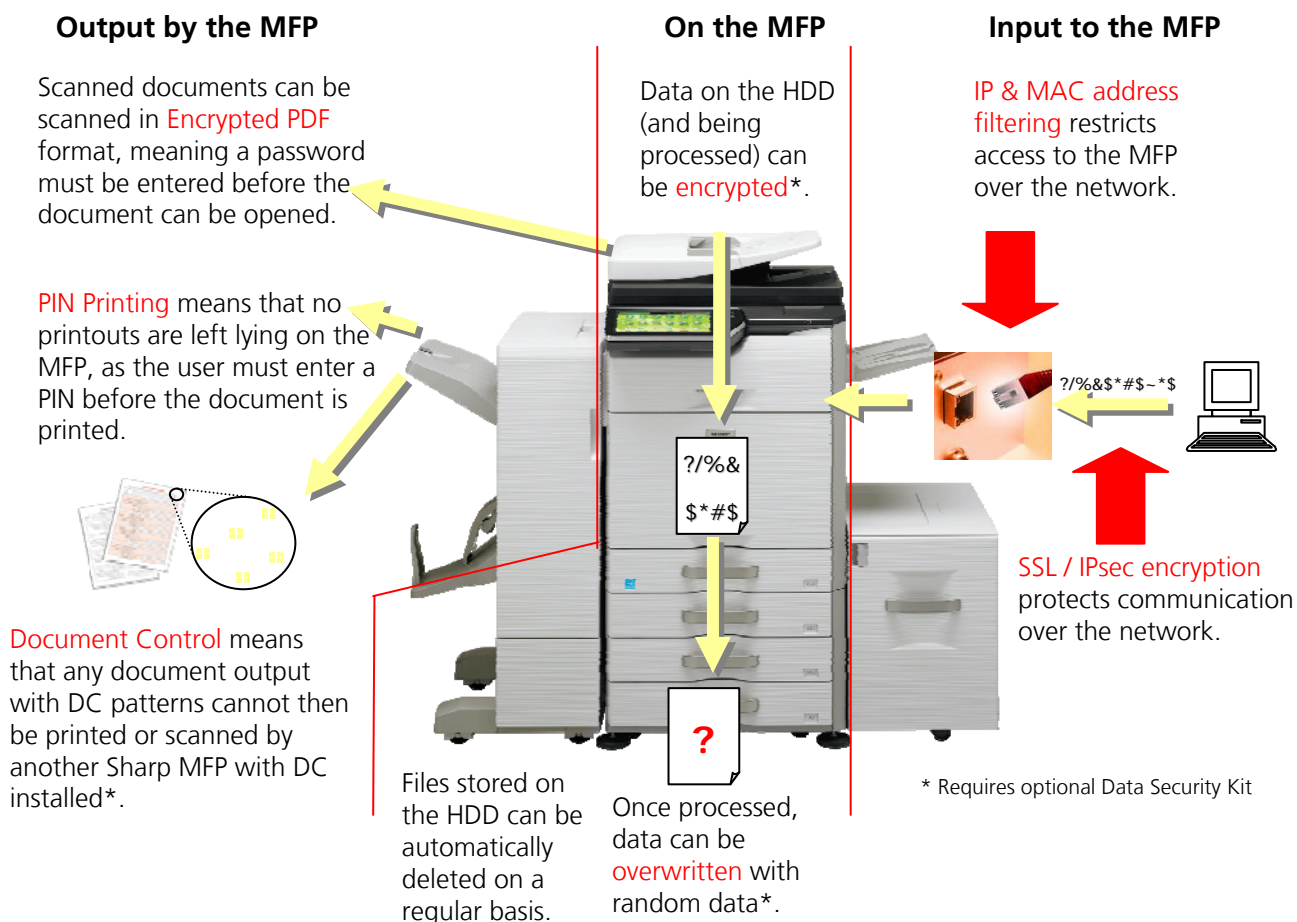
- HTTPS / SSL / IPsec network data encryption
- IP / MAC address filtering

### Secure data stored on the MFP

- Encrypt data during processing
- Overwrite data on HDD once processing is complete
- Encrypt the HDD
- Automatically delete files after a set period

### Secure data once it leaves the MFP

- PIN printing
- Encrypted PDF support





### **IEEE 802.1X**

IEEE 802.1X is a LAN standard established by the IEEE 802 committee. It is a technology used to authenticate hardware connected to the network; therefore its main function is to prevent unauthorised machines from gaining access to your network. The MX-3110N / MX-2610N support IEEE 802.1X, maintaining the high level of security your network requires using three main techniques:

- Authentication on LAN switches
- DHCP server system
- Personal firewall system

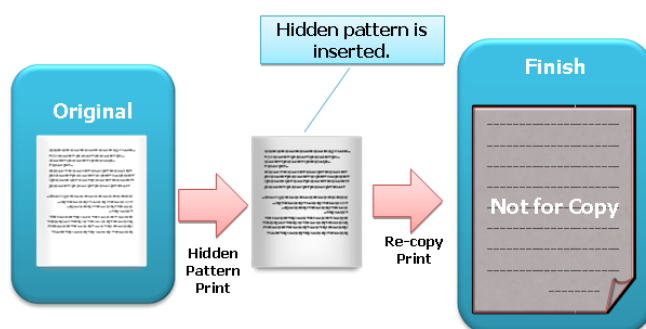
### **Initialize Private Data / Data in Machine**

Users can restore the system-set value to the factory default state and can delete the data such as address book data, job log, or data in document filing folders stored in MX-3110N / MX-2610N by themselves by pressing the "Initialize Private Data/ Data in Machine" button. By using this feature, users do not need to be afraid whether their important information is leaked.

### **Hidden Pattern (Copy/ Print) (New!)**

This feature allows the user to add text in the background of an original document, for example 'Copy', 'Confidential' or 'Not for Copy'.

If the original is copied, the MFP detects this 'pattern' and prints the text across the original document. This feature can prevent unauthorised copy and protect the confidential information/ personal information.



### **Tracking Information Print (New!)**

Some information such as printed date/user name is always printed on the data on the upper or lower side of the sheet by checking this feature on the system settings. Tying this feature to the job log enables information tracking.



### ■ Connectivity

There are so many different environments and systems in use in today's office that an MFP needs to be compatible with as many as possible. The MX-3110N / MX-2610N have been developed with this in mind.

Sharp is a gold-level member of the **SAP® Printer Vendor Program**. SAP device types for all of our devices will be created to provide connectivity with SAP.



WHQL (Windows Hardware Quality Labs) testing ensures full compatibility with Windows systems.



Sharp is a Citrix Ready Technology Member, giving us access to testing resources, technical support and other Citrix development tools.

Compatibility with the CUPS (Common Unix Printing System) ensures you can use your MFP with both Unix and Linux.

Not only can our devices work with all these software vendors, the MX-3110N / MX-2610N can communicate with them exceptionally quickly over the latest networking technologies:

- Standard Gigabit Ethernet (1000Base-T)
- IPv6



Note: MX-3110N / MX-2610N haven't been certified by SAP yet. After we receive the certification, we will add the SAP® Printer Vendor Program logo.

### Sharp Remote Device Manager

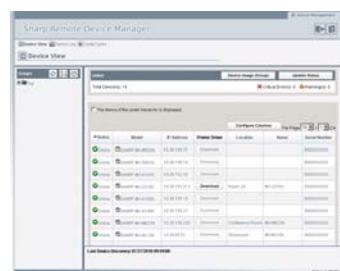
Sharp Remote Device Manager (SRDM) (previous name: PAU) is the latest version of Sharp's own web-based administration utility. It allows administrators to manage their fleet of MFPs quickly and easily, without having to physically visit the MFP.

SRDM has following features same as PAU 5:

- Login
- Hierarchical grouping
- Remote operation
- Cloning multiple machines (1 to many)
- Firmware update on multiple machines (1 to many)\*
- Remote access to Sim 22-6, 23-2 lists\*

SRDM's main features

- Device discovery
- Status update
- Device management
- E-mail alerts
- Cloning
- Remote operation
- Driver download
- Service report\*
- Display and Export of device usage information\*
- Firmware update\*



Note: \* These items are for service people.



## Target Users

Function	Service User	Advanced User	General User
System Settings Cloning	Yes	Yes	No
Service Reports	Yes	No	No
Firmware Update	Yes	No	No
Remote Operation	Yes*	Yes*	No
SRDM System Settings	Yes	Yes	No
Driver Download	Yes	Yes	Yes
Setting up Driver	Yes	Yes	No
Device List	Yes	Yes	Yes
Device Search	Yes	Yes	No
Service Alert	Yes	Yes	No
Display and Export of Device Usage Information	Yes	Yes	No

\*) The Remote Operation feature will allow users to access depending on the system settings for the Remote Operation at the MFP side.

Note: MX-3110N / MX-2610N currently have limited support for SRDM due to lack of bitmap image of MFP.



### Competitive Comparison

The competitive analysis is designed to promote the features of the MX-3110N / MX-2610N in terms of their competitive advantages.

#### Content Items and Order:

- Sharp MX-3110N / MX-2610N Vs. Canon iR-C2030i
- Sharp MX-3110N / MX-2610N Vs. Canon iR-Advance C5030/i
- Sharp MX-3110N / MX-2610N Vs. Canon iR-Advance C5035/i
- Sharp MX-3110N / MX-2610N Vs. Ricoh Aficio MP C2550
- Sharp MX-3110N / MX-2610N Vs. Ricoh Aficio MP C3001
- Sharp MX-3110N / MX-2610N Vs. Ricoh Aficio MP C3501
- Sharp MX-3110N / MX-2610N Vs. Konica Minolta bizhub C280
- Sharp MX-3110N / MX-2610N Vs. Konica Minolta bizhub C360
- Sharp MX-3110N / MX-2610N Vs. Kyocera TASKalfa 250ci
- Sharp MX-3110N / MX-2610N Vs. Kyocera TASKalfa 3000ci
- Sharp MX-3110N / MX-2610N Vs. Toshiba e-Studio 2820c
- Sharp MX-3110N / MX-2610N Vs. Toshiba e-Studio 3520c
- Sharp MX-3110N / MX-2610N Vs. Xerox WorkCentre 7425
- Sharp MX-3110N / MX-2610N Vs. Xerox WorkCentre 7428
- Sharp MX-3110N / MX-2610N Vs. Xerox WorkCentre 7435
- Sharp MX-3110N / MX-2610N Vs. Samsung CLX-9250ND
- Sharp MX-3110N / MX-2610N Vs. Samsung CLX-9350ND

The above list is covered by one page per product vs. product comparisons in this section. The feature advantages are translated into application benefits. These points can be used to describe the sales arguments on what the strengths of the MX series are.



## MX-3110N / MX-2610N Sales Guide



### ■ Sharp MX-3110N / MX-2610N vs. Canon iRC2030i



Manufacturer	Sharp	Canon
Model	MX-3110N / MX-2610N	iRC2030i
Launch Date	Jan. 11	Nov. 10
Also Sold As	N/A	N/A
<b>Multifunctionality</b>	<b>Std</b>	<b>Std</b>
Network Printer	Std	Std
Network Scanning	Std	Opt
Fax	Opt	Opt
Document Filing	Std	No
<b>Base Engine</b>	Desktop	Desktop
Paper Max. Size	A3W	A3W
Total Cassettes Std.	1	2
Total Cassettes Max.	5	4
Total Sheets Std.	600	900
Total Sheets Max.	5,600	2,000
No of sheets (Bypass)	100	100
Paper weight (gsm) (Trays/Bypass)	60-209/ 55-256	64-163/ 64-220
Duplex	Std (60-209)	Std (64-120)
Warm up time (secs)	20	38
Std. Mem. Mb	3 GB (shared)	2 GB (shared)
Max. Mem. Mb	3 GB (shared)	2 GB (shared)
Hard Drive	Std (160 GB)	Std (80 GB)
Machine Size (WxDxH)	583 x 658 x 834	565 x 680 x 928
Toner Life (B/W)	24k (5%)	23k (5%)
Toner Life (Col)	15k (5%)	19k (5%)
<b>Copier</b>	<b>Std</b>	<b>Std</b>
Copy/min. (cpm) (B/W/ Col)	31 26	30
First Copy Time (B/W/ Col)	5.8/7.9 5.9/8.1	5.9/8.9
Max. Original Size	A3	A3
Max. Qty. Select	999	999
Copy Resolution (dpi)	9,600 (equivalent) x 600	600 x 600
Zoom Range	25-400%	25-400%

Manufacturer	Sharp	Canon
Model	MX-3110N / MX-2610N	iRC2030i
<b>Document Feeder</b>	<b>Std</b>	<b>Opt</b>
Type	RSPF	RADF
Capacity	100 sheets	50 sheets
Paper weight (gsm)	1-sided: 35-128 2-sided: 50-105	1-sided: 42-128 2-sided: 50-128
<b>Network Printer</b>	<b>Std</b>	<b>Std</b>
Print/min. (ppm) (B/W/ Col)	31 26	30
Print Resolution (dpi)	1,200 x 1,200	1,200 x 1,200
Postscript	Opt	Opt
PCL	Std (PCL6)	Std (PCL6/5c)
XPS	Opt	No
Printer Std. Mem.	3 GB (shared)	2 GB (shared)
Printer Max. Mem	4 GB (opt 1 GB)	2 GB (shared)
Gigabit Ethernet	Std	Std
USB	Std	Std
<b>Fax</b>	<b>Opt</b>	<b>Opt</b>
Type	Super G3	Super G3
PC-Fax	Opt	Opt
i-Fax	Opt	Std
Fax Broadcast	500	256
<b>Network Scanning</b>	<b>Std</b>	<b>Opt</b>
Resolution (dpi)	600	600
Scan Speed (ipm) (B/W/ Col)	50	44
Destinations	HDD, USB, PC, SMB, Email, SMB, FTP, I-Fax, email, FTP, TWAIN	HDD, URL, TWAIN
Functionality	Sharpdesk	INA
<b>Finishing</b>	<b>Opt/Opt</b>	<b>Opt</b>
No of Finisher Sheets	500/1,000	750
Sheets Stapled	50	50
Saddle Stitch	No/Yes	No
Hole Punch	No/Yes	No

Strengths of MX-3110N / MX-2610N	Strengths of Canon iRC2030i
<ul style="list-style-type: none"> <li>✓ Std network scanning &amp; document filing</li> <li>✓ More max cassettes</li> <li>✓ Higher max paper capacity</li> <li>✓ Lighter and heavier paper weight (trays/ bypass/duplex)</li> <li>✓ Lighter paper weight (document feeder: 1-sided)</li> <li>✓ Faster warm up time</li> <li>✓ More memory</li> <li>✓ Larger HDD</li> <li>✓ Smaller machine size</li> <li>✓ Longer toner life (B/W)</li> <li>✓ Faster output (MX-3110N only)</li> <li>✓ Faster first copy time (B/W: MX-3110N only, colour: both models)</li> <li>✓ Std document feeder</li> <li>✓ Higher capacity document feeder &amp; finisher</li> <li>✓ Opt XPS</li> <li>✓ Faster scan speed</li> <li>✓ More fax broadcasts</li> </ul>	<ul style="list-style-type: none"> <li>✓ More std cassettes</li> <li>✓ Higher std paper capacity</li> <li>✓ Heavier paper support (document feeder: 2-sided)</li> <li>✓ Longer toner life (colour)</li> <li>✓ Std i-Fax</li> </ul>

## MX-3110N / MX-2610N Sales Guide



### ■ Sharp MX-3110N / MX-2610N vs. Canon iR-Advance C5030/i



Manufacturer	Sharp	Canon
Model	MX-3110N / MX-2610N	iR-Advance C5030/i
Launch Date	Jan. 11	Oct. 09
Also Sold As	N/A	N/A
<b>Multifunctionality</b>	<b>Std</b>	<b>Std</b>
Network Printer	Std	Std
Network Scanning	Std	Std
Fax	Opt	Opt
Document Filing	Std	No
<b>Base Engine</b>	Desktop	Desktop
Paper Max. Size	A3W	A3W
Total Cassettes Std.	1	2
Total Cassettes Max.	5	5
Total Sheets Std.	600	1,200
Total Sheets Max.	5,600	5,000
No of sheets (Bypass)	100	100
Paper weight (gsm) (Trays/Bypass)	60-209/ 55-256	52-209/ 52-256
Duplex	Std (60-209)	Std (52-209)
Warm up time (secs)	20	38
Std. Mem. Mb	3 GB (shared)	2.5 GB (shared)
Max. Mem. Mb	3 GB (shared)	2.5 GB (shared)
Hard Drive	Std (160 GB)	Std (80 GB)
Machine Size (WxDxH)	583 x 658 x 834	620 x 735 x 938
Toner Life (B/W)	24k (5%)	36k (5%)
Toner Life (Col)	15k (5%)	27k (5%)
<b>Copier</b>	<b>Std</b>	<b>Std</b>
Copy/min. (cpm) (B/W/ Col)	31   26	30
First Copy Time (B/W/ Col)	5.8/7.9   5.9/8.1	5.5/8.9
Max. Original Size	A3	A3
Max. Qty. Select	999	999
Copy Resolution (dpi)	9,600 (equivalent) x 600	600 x 600
Zoom Range	25-400%	25-400%

Manufacturer	Sharp	Canon
Model	MX-3110N / MX-2610N	iR-Advance C5030/i
<b>Document Feeder</b>	<b>Std</b>	<b>Opt</b>
Type	RSPF	RADF/ DSPF
Capacity	100 sheets	100/150 sheets
Paper weight (gsm)	1-sided: 35-128 2-sided: 50-105	1-sided: 42-128 2-sided: 50-128
<b>Network Printer</b>	<b>Std</b>	<b>Std</b>
Print/min. (ppm) (B/W/ Col)	31   26	30
Print Resolution (dpi)	1,200 x 1,200	1,200 x 1,200
Postscript	Opt	Opt
PCL	Std (PCL6)	Opt (PCL6/5c)   Std (PCL6/5c)
XPS	Opt	No
Printer Std. Mem.	3 GB (shared)	2.5 GB (shared)
Printer Max. Mem	4 GB (opt 1 GB)	2.5 GB (shared)
Gigabit Ethernet	Std	Std
USB	Std	Std
<b>Fax</b>	<b>Opt</b>	<b>Opt</b>
Type	Super G3	Super G3
PC-Fax	Opt	INA
i-Fax	Opt	Std
Fax Broadcast	500	512
<b>Network Scanning</b>	<b>Std</b>	<b>Std</b>
Resolution (dpi)	600	600
Scan Speed (ipm) (B/W/ Col)	50	70
Destinations	HDD, USB, PC, SMB, email, FTP, TWAIN	Email, SMB, FTP, I-Fax, HDD, URL, TWAIN
Functionality	Sharpdesk	Canon Colour Network ScanGear
<b>Finishing</b>	<b>Opt/Opt</b>	<b>Opt/Opt/Opt</b>
No of Finisher Sheets	500/1,000	500/3,000/3,000
Sheets Stapled	50	50
Saddle Stitch	No/Yes	No/Yes/No
Hole Punch	No/Yes	No/Yes/No

Strengths of MX-3110N / MX-2610N	Strengths of Canon iR-Advance C5030/i
<ul style="list-style-type: none"> <li>✓ Std document filing</li> <li>✓ Higher max paper capacity</li> <li>✓ Lighter paper weight (document feeder: 1-sided)</li> <li>✓ Faster warm up time</li> <li>✓ More memory</li> <li>✓ Larger HDD</li> <li>✓ Smaller machine size</li> <li>✓ Faster output (MX-3110N only)</li> <li>✓ Faster first copy time (colour)</li> <li>✓ Std document feeder</li> <li>✓ Opt XPS</li> <li>✓ Opt PC-Fax</li> </ul>	<ul style="list-style-type: none"> <li>✓ More std cassettes</li> <li>✓ Higher std paper capacity</li> <li>✓ Lighter paper weight (tray, bypass, and duplex)</li> <li>✓ Heavier paper capacity (Document feeder: 2-sided)</li> <li>✓ Longer toner life (colour &amp; B/W)</li> <li>✓ Higher capacity finisher</li> <li>✓ Std i-Fax</li> <li>✓ More fax broadcasts</li> <li>✓ Higher capacity finisher</li> <li>✓ Faster scan speed</li> <li>✓ Faster first copy time (B/W)</li> </ul>

## MX-3110N / MX-2610N Sales Guide



### ■ Sharp MX-3110N / MX-2610N vs. Canon iR-Advance C5035/i



Manufacturer	Sharp	Canon
Model	MX-3110N / MX-2610N	iR-Advance C5035/i
Launch Date	Jan. 11	Oct. 09
Also Sold As	N/A	N/A
<b>Multifunctionality</b>	<b>Std</b>	<b>Std</b>
Network Printer	Std	Std
Network Scanning	Std	Std
Fax	Opt	Opt
Document Filing	Std	No
<b>Base Engine</b>	Desktop	Desktop
Paper Max. Size	A3W	A3W
Total Cassettes Std.	1	2
Total Cassettes Max.	5	5
Total Sheets Std.	600	1,200
Total Sheets Max.	5,600	5,000
No of sheets (Bypass)	100	100
Paper weight (gsm) (Trays/Bypass)	60-209/ 55-256	52-209/ 52-256
Duplex	Std (60-209)	Std (52-209)
Warm up time (secs)	20	38
Std. Mem. Mb	3 GB (shared)	2.5 GB (shared)
Max. Mem. Mb	3 GB (shared)	2.5 GB (shared)
Hard Drive	Std (160 GB)	Std (80 GB)
Machine Size (WxDxH)	583 x 658 x 834	620 x 735 x 938
Toner Life (B/W)	24k (5%)	36k (5%)
Toner Life (Col)	15k (5%)	27k (5%)
<b>Copier</b>	<b>Std</b>	<b>Std</b>
Copy/min. (cpm) (B/W/ Col)	31   26	35
First Copy Time (B/W/ Col)	5.8/7.9   5.9/8.1	5.5/8.9
Max. Original Size	A3	A3
Max. Qty. Select	999	999
Copy Resolution (dpi)	9,600 (equivalent) x 600	600 x 600
Zoom Range	25-400%	25-400%

Manufacturer	Sharp	Canon
Model	MX-3110N / MX-2610N	iR-Advance C5035/i
<b>Document Feeder</b>	<b>Std</b>	<b>Opt</b>
Type	RSPF	RADF/ DSPF
Capacity	100 sheets	100/150 sheets
Paper weight (gsm)	1-sided: 35-128 2-sided: 50-105	1-sided: 42-128 2-sided: 50-128
<b>Network Printer</b>	<b>Std</b>	<b>Std</b>
Print/min. (ppm) (B/W/ Col)	31   26	35
Print Resolution (dpi)	1,200 x 1,200	1,200 x 1,200
Postscript	Opt	Opt
PCL	Std (PCL6)	Opt (PCL6/5c)   Std (PCL6/5c)
XPS	Opt	No
Printer Std. Mem.	3 GB (shared)	2.5 GB (shared)
Printer Max. Mem	4 GB (opt 1 GB)	2.5 GB (shared)
Gigabit Ethernet	Std	Std
USB	Std	Std
<b>Fax</b>	<b>Opt</b>	<b>Opt</b>
Type	Super G3	Super G3
PC-Fax	Opt	INA
i-Fax	Opt	Std
Fax Broadcast	500	512
<b>Network Scanning</b>	<b>Std</b>	<b>Std</b>
Resolution (dpi)	600	600
Scan Speed (ipm) (B/W/ Col)	50	70
Destinations	HDD, USB, PC, SMB, email, FTP, TWAIN	Email, SMB, FTP, I-Fax, HDD, URL, TWAIN
Functionality	Sharpdesk	Canon Colour Network ScanGea,
<b>Finishing</b>	<b>Opt/Opt</b>	<b>Opt/Opt/Opt</b>
No of Finisher Sheets	500/1,000	500/3,000/3,000
Sheets Stapled	50	50
Saddle Stitch	No/Yes	No/Yes/No
Hole Punch	No/Yes	No/Yes/No

Strengths of MX-3110N / MX-2610N	Strengths of Canon iR-Advance C5035/i
<ul style="list-style-type: none"> <li>✓ Std document filing</li> <li>✓ Higher max paper capacity</li> <li>✓ Lighter paper weight (document feeder: 1-sided)</li> <li>✓ Faster warm up time</li> <li>✓ More memory</li> <li>✓ Larger HDD</li> <li>✓ Smaller machine size</li> <li>✓ Faster first copy time (colour)</li> <li>✓ Std document feeder</li> <li>✓ Opt XPS</li> <li>✓ Opt PC-Fax</li> </ul>	<ul style="list-style-type: none"> <li>✓ More std cassettes</li> <li>✓ Higher std paper capacity</li> <li>✓ Lighter paper weight (tray, bypass, and duplex)</li> <li>✓ Heavier paper capacity (Document feeder: 2-sided)</li> <li>✓ Longer toner life (colour &amp; B/W)</li> <li>✓ Opt DSPF</li> <li>✓ Higher capacity finisher</li> <li>✓ Std i-Fax</li> <li>✓ More fax broadcasts</li> <li>✓ Faster scan speed</li> <li>✓ Faster output</li> <li>✓ Faster first copy time (B/W)</li> </ul>

## MX-3110N / MX-2610N Sales Guide



### ■ Sharp MX-3110N / MX-2610N vs. Ricoh MPC 2550



Manufacturer	Sharp	Ricoh
Model	MX-3110N / MX-2610N	MPC 2550
Launch Date	Jan. 11	Nov. 08
Also Sold As	N/A	Gestetner MP C2550; Infotec MP C2550; Nashuatec MP C2550; Rex-Rotary MP C2550
<b>Multifunctionality</b>	<b>Std</b>	<b>Std</b>
Network Printer	Std	Std
Network Scanning	Std	Std
Fax	Opt	Opt
Document Filing	Std	No
<b>Base Engine</b>	Desktop	Desktop
Paper Max. Size	A3W	A3W
Total Cassettes Std.	1	2
Total Cassettes Max.	5	4
Total Sheets Std.	600	600
Total Sheets Max.	5,600	1,600
No of sheets (Bypass)	100	100
Paper weight (gsm) (Trays/Bypass)	60-209/ 55-256	60-256/ 52-256
Duplex	Std (60-209)	Std (60-105)
Warm up time (secs)	20	26
Std Memory	3 GB (shared)	768 MB (shared)
Max. Memory	3 GB (shared)	1 GB (shared)
Hard Drive	Std (160 GB)	Std (60 GB)
Machine Size (WxDxH)	583 x 658 x 834	587 x 655 x 845
Toner Life (B/W)	24k (5%)	10k (5%)
Toner Life (Col)	15k (5%)	5.5k (5%)
<b>Copier</b>	<b>Std</b>	<b>Std</b>
Copy/min. (cpm) (B/W/ Col)	31 26	25
First Copy Time (B/W/ Col)	5.8/7.9 5.9/8.1	6.5/9.5
Max. Original Size	A3	A3
Max. Qty. Select	999	999
Copy Resolution (dpi)	9600 (equivalent) x 600	600 x 600
Zoom Range	25-400%	25-400%

Manufacturer	Sharp	Ricoh
Model	MX-3110N / MX-2610N	MPC 2550
<b>Document Feeder</b>	<b>Std</b>	<b>Std</b>
Type	RSPF	RADF
Capacity	100 sheets	50 sheets
Paper Capacity	1-sided: 35-128 2-sided: 50-105	1-sided: 42-128 2-sided: 52-105
<b>Network Printer</b>	<b>Std</b>	<b>Std</b>
Print/min. (ppm) (B/W/ Col)	31 26	25
Print Resolution (dpi)	1,200 x 1,200	600 x 600
Postscript	Opt	Opt
PCL	Std (PCL6)	Std (PCL6/5c)
XPS	Opt	No
Printer Std. Mem.	3 GB (shared)	768 MB (shared)
Printer Max. Mem	4 GB (opt 1 GB)	1 GB (shared)
Gigabit Ethernet	Std	Opt
USB	Std	Std
<b>Fax</b>	<b>Opt</b>	<b>Opt</b>
Type	Super G3	Super G3
PC-Fax	Opt	Std
i-Fax	Opt	Opt
Fax Broadcast	500	200
<b>Network Scanning</b>	<b>Std</b>	<b>Std</b>
Resolution (dpi)	600	600
Scan Speed (ipm) (B/W/ Col)	50/50	41/26
Destinations	HDD, USB, PC, SMB, email, FTP, TWAIN	Email, SMB, FTP, I-Fax, HDD, URL, TWAIN
Functionality	Sharpdesk	DeskTopBinder
<b>Finishing</b>	<b>Opt/Opt</b>	<b>Opt</b>
No of Finisher Sheets	500/1,000	500
Sheets Stapled	50	50
Saddle stitch	No/Yes	No
Hole Punch	No/Yes	Yes

Strengths of MX-3110N / MX-2610N	Strengths of Ricoh MPC 2550
<ul style="list-style-type: none"> <li>✓ Std Document Filing</li> <li>✓ More max paper cassettes</li> <li>✓ Higher paper capacity (max)</li> <li>✓ Lighter paper weight (1-sided and 2-sided of document feeder)</li> <li>✓ Heavier paper support (duplex)</li> <li>✓ Faster warm up time</li> <li>✓ More memory / Larger HDD</li> <li>✓ Smaller footprint</li> <li>✓ Longer toner life (colour &amp; B/W)</li> <li>✓ Faster output</li> <li>✓ Faster first copy time (colour &amp; B/W)</li> <li>✓ Higher capacity document feeder</li> <li>✓ Higher print resolution</li> <li>✓ Std Gigabit Ethernet</li> <li>✓ More fax broadcasts</li> <li>✓ Faster scan speed (colour &amp; B/W)</li> <li>✓ Higher capacity finisher</li> <li>✓ Opt XPS</li> </ul>	<ul style="list-style-type: none"> <li>✓ More std cassettes</li> <li>✓ Heavier paper support (trays)</li> <li>✓ Lighter paper support (bypass)</li> <li>✓ Std PC-Fax</li> </ul>

## MX-3110N / MX-2610N Sales Guide



### ■ Sharp MX-3110N / MX-2610N vs. Ricoh MPC 3001



Manufacturer	Sharp	Ricoh
Model	MX-3110N / MX-2610N	MPC 3001
Launch Date	Jan. 11	Nov.10
Also Sold As	N/A	INA
<b>Multifunctionality</b>	<b>Std</b>	<b>Std</b>
Network Printer	Std	Std
Network Scanning	Std	Std
Fax	Opt	Opt
Document Filing	Std	No
<b>Base Engine</b>	<b>Desktop</b>	<b>Desktop</b>
Paper Max. Size	A3W	A3W
Total Cassettes Std.	1	2
Total Cassettes Max.	5	5
Total Sheets Std.	600	1,200
Total Sheets Max.	5,600	4,400
No of sheets (Bypass)	100	100
Paper weight (gsm) (Trays/Bypass)	60-209/ 55-256	60-256/ 60-300
Duplex	Std (60-209)	Std (60-169)
Warm up time (secs)	20	23
Std Memory	3 GB (shared)	1.5 GB (shared)
Max. Memory	3 GB (shared)	1.5 GB (shared)
Hard Drive	Std (160 GB)	Std (160 GB)
Machine Size (WxDxH)	583 x 658 x 834	670 x 671 x 760
Toner Life (B/W)	24k (5%)	INA (5%)
Toner Life (Col)	15k (5%)	INA (5%)
<b>Copier</b>	<b>Std</b>	<b>Std</b>
Copy/min. (cpm) (B/W/ Col)	31 26	30
First Copy Time (B/W/ Col)	5.8/7.9 5.9/8.1	4.9/7.8
Max. Original Size	A3	A3
Max. Qty. Select	999	999
Copy Resolution (dpi)	9600 (equivalent) x 600	600 x 600
Zoom Range	25-400%	25-400%

Manufacturer	Sharp	Ricoh
Model	MX-3110N / MX-2610N	MPC 3001
<b>Document Feeder</b>	<b>Std</b>	<b>Opt</b>
Type	RSPF	RADF
Capacity	100 sheets	50 sheets
Paper Capacity	1-sided: 35-128 2-sided: 50-105	1-sided: 40-128 2-sided: INA
<b>Network Printer</b>	<b>Std</b>	<b>Std</b>
Print/min. (ppm) (B/W/ Col)	31 26	30
Print Resolution (dpi)	1,200 x 1,200	1,200 x1,200
Postscript	Opt	Opt
PCL	Std (PCL6)	Std (PCL6/5c)
XPS	Opt	No
Printer Std. Mem.	3 GB (shared)	1.5 GB (shared)
Printer Max. Mem	4 GB (opt 1 GB)	1.5 GB (shared)
Gigabit Ethernet	Std	Opt
USB	Std	Std
<b>Fax</b>	<b>Opt</b>	<b>Opt</b>
Type	Super G3	Super G3
PC-Fax	Opt	Opt
i-Fax	Opt	Opt
Fax Broadcast	500	500
<b>Network Scanning</b>	<b>Std</b>	<b>Std</b>
Resolution (dpi)	600	600
Scan Speed (ipm) (B/W/ Col)	50	51
Destinations	HDD, USB, PC, SMB, email, FTP, TWAIN	Email, SMB, FTP, I-Fax, HDD, URL, TWAIN
Functionality	Sharpdesk	DeskTopBinder
<b>Finishing</b>	<b>Opt/Opt</b>	<b>Opt/Opt/Opt</b>
No of Finisher Sheets	500/1,000	500/1,100/1,250
Sheets Stapled	50	50
Saddle stitch	No/Yes	No/Yes/No
Hole Punch	No/Yes	No/Yes/No

Strengths of MX-3110N / MX-2610N	Strengths of Ricoh MPC 3001
<ul style="list-style-type: none"> <li>✓ Std Document Filing</li> <li>✓ Higher max paper capacity</li> <li>✓ Lighter paper weight (bypass &amp; 1-sided and 2-sided of document feeder)</li> <li>✓ Heavier paper support (duplex)</li> <li>✓ Faster warm up time</li> <li>✓ More memory</li> <li>✓ Smaller footprint</li> <li>✓ Longer toner life (colour)</li> <li>✓ Faster output (MX-3110N only)</li> <li>✓ Std higher capacity document feeder</li> <li>✓ More fax broadcasts</li> <li>✓ Opt XPS</li> <li>✓ Std Gigabit Ethernet</li> </ul>	<ul style="list-style-type: none"> <li>✓ More std cassettes</li> <li>✓ Higher std paper capacity</li> <li>✓ Heavier paper support (trays &amp; bypass)</li> <li>✓ Higher capacity finisher</li> <li>✓ Faster first copy time</li> <li>✓ Higher capacity finisher</li> </ul>

## MX-3110N / MX-2610N Sales Guide



### ■ Sharp MX-3110N / MX-2610N vs. Ricoh MPC 3501



Manufacturer	Sharp	Ricoh
Model	MX-3110N / MX-2610N	MP C 3501
Launch Date	Jan. 11	Nov.10
Also Sold As	N/A	INA
<b>Multifunctionality</b>	<b>Std</b>	<b>Std</b>
Network Printer	Std	Std
Network Scanning	Std	Std
Fax	Opt	Opt
Document Filing	Std	No
<b>Base Engine</b>	Desktop	Desktop
Paper Max. Size	A3W	A3W
Total Cassettes Std.	1	2
Total Cassettes Max.	5	5
Total Sheets Std.	600	1,200
Total Sheets Max.	5,600	4,400
No of sheets (Bypass)	100	100
Paper weight (gsm) (Trays/Bypass)	60-209/ 55-256	60-256/ 60-300
Duplex	Std (60-209)	Std (60-169)
Warm up time (secs)	20	23
Std Memory	3 GB (shared)	1.5 GB (shared)
Max. Memory	3 GB (shared)	1.5 GB (shared)
Hard Drive	Std (160 GB)	Std (160 GB)
Machine Size (WxDxH)	583 x 658 x 834	670 x 671 x 760
Toner Life (B/W)	24k (5%)	INA
Toner Life (Col)	15k (5%)	INA
<b>Copier</b>	<b>Std</b>	<b>Std</b>
Copy/min. (cpm) (B/W/ Col)	31   26	35
First Copy Time (B/W/ Col)	5.8/7.9   5.9/8.1	4.9/7.8
Max. Original Size	A3	A3
Max. Qty. Select	999	999
Copy Resolution (dpi)	9600 (equivalent) x 600	600 x 600
Zoom Range	25-400%	25-400%

Manufacturer	Sharp	Ricoh
Model	MX-3110N / MX-2610N	MP C 3501
<b>Document Feeder</b>	<b>Std</b>	<b>Opt</b>
Type	RSPF	RADF
Capacity	100 sheets	50 sheets
Paper Capacity	1-sided: 35-128 2-sided: 50-105	1-sided: 40-128 2-sided: INA
<b>Network Printer</b>	<b>Std</b>	<b>Std</b>
Print/min. (ppm) (B/W/ Col)	31   26	35
Print Resolution (dpi)	1,200 x 1,200	1,200 x 1,200
Postscript	Opt	Opt
PCL	Std (PCL6)	Std (PCL6/5c)
XPS	Opt	No
Printer Std. Mem.	3 GB (shared)	1.5 GB (shared)
Printer Max. Mem	4 GB (opt 1 GB)	1.5 GB (shared)
Gigabit Ethernet	Std	Opt
USB	Std	Std
<b>Fax</b>	<b>Opt</b>	<b>Opt</b>
Type	Super G3	Super G3
PC-Fax	Opt	Opt
i-Fax	Opt	Opt
Fax Broadcast	500	500
<b>Network Scanning</b>	<b>Std</b>	<b>Std</b>
Resolution (dpi)	600	600
Scan Speed (ipm) (B/W/ Col)	50	51
Destinations	HDD, USB, PC, SMB, email, FTP, TWAIN	Email, SMB, FTP, I-Fax, HDD, URL, TWAIN
<b>Functionality</b>	Sharpdesk	DeskTopBinder
<b>Finishing</b>	<b>Opt/Opt</b>	<b>Opt/Opt/Opt</b>
No of Finisher Sheets	500/1,000	500/1,100/1,250
Sheets Stapled	50	50
Saddle stitch	No/Yes	No/Yes/No
Hole Punch	No/Yes	No/Yes/No

Strengths of MX-3110N / MX-2610N	Strengths of Ricoh MPC 3501
<ul style="list-style-type: none"> <li>✓ Std Document Filing</li> <li>✓ Higher max paper capacity</li> <li>✓ Lighter paper weight (bypass &amp; 1-sided and 2-sided of document feeder)</li> <li>✓ Heavier paper support (duplex)</li> <li>✓ Faster warm up time</li> <li>✓ More memory</li> <li>✓ Smaller footprint</li> <li>✓ Longer toner life (colour)</li> <li>✓ Std higher capacity document feeder</li> <li>✓ More fax broadcasts</li> <li>✓ Opt XPS</li> <li>✓ Std Gigabit Ethernet</li> </ul>	<ul style="list-style-type: none"> <li>✓ More std cassettes</li> <li>✓ Higher std paper capacity</li> <li>✓ Heavier paper support (trays &amp; bypass)</li> <li>✓ Higher capacity finisher</li> <li>✓ Faster output</li> <li>✓ Faster first copy time</li> <li>✓ Higher capacity finisher</li> </ul>



## MX-3110N / MX-2610N Sales Guide



### ■ Sharp MX-3110N / MX-2610N vs. Konica Minolta bizhub C280



Manufacturer	Sharp	Konica Minolta
Model	MX-3110N / MX-2610N	bizhub C280
Launch Date	Jan. 11	Sep.09
Also Sold As	N/A	Develop ineo+280 Oce varioLink 2822c Olivetti d-Color MF280
<b>Multifunctionality</b>	<b>Std</b>	<b>Std</b>
Network Printer	Std	Std
Network Scanning	Std	Std
Fax	Opt	Opt
Document Filing	Std	Std
<b>Base Engine</b>	Desktop	Desktop
Paper Max. Size	A3W	A3W
Total Cassettes Std.	1	2
Total Cassettes Max.	5	4
Total Sheets Std.	600	1,150
Total Sheets Max.	5,600	3,650
No of sheets (Bypass)	100	150
Paper weight (gsm) (Trays/Bypass)	60-209/ 55-256	60-256/ 60-271
Duplex	Std (60-209)	Std (64-256)
Warm up time (secs)	20	45
Std Memory	3 GB (shared)	2 GB (shared)
Max. Memory	3 GB (shared)	2 GB (shared)
Hard Drive	Std (160 GB)	Std (250 GB)
Machine Size (WxDxH)	583 x 658 x 834	643 x 842 x 770
Toner Life (B/W)	24k (5%)	29k (5%)
Toner Life (Col)	15k (5%)	26k (5%)
<b>Copier</b>	<b>Std</b>	<b>Std</b>
Copy/min. (cpm) (B/W/ Col)	31   26	28
First Copy Time (B/W/ Col)	5.8/7.9   5.9/8.1	5.8/7.7
Max. Original Size	A3	A3
Max. Qty. Select	999	9,999
Copy Resolution (dpi)	9600 (equivalent) x 600	600 x 600
Zoom Range	25-400%	25-400%

Manufacturer	Sharp	Konica Minolta
Model	MX-3110N / MX-2610N	bizhub C280
<b>Document Feeder</b>	<b>Std</b>	<b>Opt</b>
Type	RSPF	RADF
Capacity	100 sheets	100 sheets
Paper Capacity	1-sided: 35-128	1-sided: 35-210
<b>Network Printer</b>	<b>Std</b>	<b>Std</b>
Print/min. (ppm) (B/W/ Col)	31   26	28
Print Resolution (dpi)	1,200 x 1,200	1,800 x 600
Postscript	Opt	Std
PCL	Std (PCL6)	Std (PCL6/5c)
XPS	Opt	No
Printer Std. Mem.	3 GB (shared)	2 GB (shared)
Printer Max. Mem	4 GB (opt 1 GB)	2 GB (shared)
Gigabit Ethernet	Std	Std
USB	Std	Std
<b>Fax</b>	<b>Opt</b>	<b>Opt</b>
Type	Super G3	Super G3
PC-Fax	Opt	Opt
i-Fax	Opt	Std
Fax Broadcast	500	605
<b>Network Scanning</b>	<b>Std</b>	<b>Std</b>
Resolution (dpi)	600	600
Scan Speed (ipm) (B/W/ Col)	50	70
Destinations	HDD, USB, PC, SMB, email, FTP, TWAIN	Email, SMB, FTP, I-Fax, HDD, TWAIN
Functionality	Sharpdesk	DeskTopBinder
<b>Finishing</b>	<b>Opt/Opt</b>	<b>Opt</b>
No of Finisher Sheets	500/1,000	300/3,200
Sheets Stapled	50	50
Saddle stitch	No/Yes	No/Yes
Hole Punch	No/Yes	Yes

Strengths of MX-3110N / MX-2610N	Strengths of Konica Minolta bizhub C280
<ul style="list-style-type: none"> <li>✓ More max paper cassettes</li> <li>✓ Higher max paper capacity</li> <li>✓ Lighter paper support (duplex)</li> <li>✓ Faster warm up time</li> <li>✓ More memory</li> <li>✓ Smaller footprint</li> <li>✓ Faster output (MX-3110N only)</li> <li>✓ Std document feeder</li> <li>✓ Higher print resolution</li> </ul>	<ul style="list-style-type: none"> <li>✓ More std cassettes</li> <li>✓ Higher std paper capacity</li> <li>✓ Heavier paper support (trays, bypass, duplex, and document feeder)</li> <li>✓ Larger HDD</li> <li>✓ Longer toner life (colour &amp; B/W)</li> <li>✓ Faster first copy time (colour)</li> <li>✓ More max qty select</li> <li>✓ Std PS</li> <li>✓ Faster scan speed (colour &amp; B/W)</li> <li>✓ Higher capacity finisher</li> <li>✓ Std i-Fax</li> </ul>



## MX-3110N / MX-2610N Sales Guide



### ■ Sharp MX-3110N / MX-2610N vs. Konica Minolta bizhub C360



Manufacturer	Sharp	Konica Minolta
Model	MX-3110N / MX-2610N	bizhub C360
Launch Date	Jan. 11	Sep.09
Also Sold As	N/A	Develop ineo+360 Oce varioLink 3622c Olivetti d-Color MF360
<b>Multifunctionality</b>	<b>Std</b>	<b>Std</b>
Network Printer	Std	Std
Network Scanning	Std	Std
Fax	Opt	Opt
Document Filing	Std	Std
<b>Base Engine</b>	Desktop	Desktop
Paper Max. Size	A3W	A3W
Total Cassettes Std.	1	2
Total Cassettes Max.	5	4
Total Sheets Std.	600	1,150
Total Sheets Max.	5,600	3,650
No of sheets (Bypass)	100	150
Paper weight (gsm) (Trays/Bypass)	60-209/ 55-256	60-256/ 60-271
Duplex	Std (60-209)	Std (64-256)
Warm up time (secs)	20	45
Std Memory	3 GB (shared)	2 GB (shared)
Max. Memory	3 GB (shared)	2 GB (shared)
Hard Drive	Std (160 GB)	Std (250 GB)
Machine Size (WxDxH)	583 x 658 x 834	643 x 842 x 770
Toner Life (B/W)	24k (5%)	29k (5%)
Toner Life (Col)	15k (5%)	26k (5%)
<b>Copier</b>	<b>Std</b>	<b>Std</b>
Copy/min. (cpm) (B/W/ Col)	31   26	36
First Copy Time (B/W/ Col)	5.8/7.9   5.9/8.1	5.8/7.7
Max. Original Size	A3	A3
Max. Qty. Select	999	9,999
Copy Resolution (dpi)	9600 (equivalent) x 600	600 x 600
Zoom Range	25-400%	25-400%

Manufacturer	Sharp	Konica Minolta
Model	MX-3110N / MX-2610N	bizhub C360
<b>Document Feeder</b>	<b>Std</b>	<b>Opt</b>
Type	RSPF	RADF
Capacity	100 sheets	100 sheets
Paper Capacity	1-sided: 35-128	1-sided: 35-210
<b>Network Printer</b>	<b>Std</b>	<b>Std</b>
Print/min. (ppm) (B/W/ Col)	31   26	36
Print Resolution (dpi)	1,200 x 1,200	1,800 x 600
Postscript	Opt	Std
PCL	Std (PCL6)	Std (PCL6/5c)
XPS	Opt	No
Printer Std. Mem.	3 GB (shared)	2 GB (shared)
Printer Max. Mem	4 GB (opt 1 GB)	2 GB (shared)
Gigabit Ethernet	Std	Std
USB	Std	Std
<b>Fax</b>	<b>Opt</b>	<b>Opt</b>
Type	Super G3	Super G3
PC-Fax	Opt	Opt
i-Fax	Opt	Std
Fax Broadcast	500	605
<b>Network Scanning</b>	<b>Std</b>	<b>Std</b>
Resolution (dpi)	600	600
Scan Speed (ipm) (B/W/ Col)	50	70
Destinations	HDD, USB, PC, SMB, email, FTP, TWAIN	Email, SMB, FTP, I-Fax, HDD, TWAIN
Functionality	Sharpdesk	DeskTopBinder
<b>Finishing</b>	<b>Opt//Opt</b>	<b>Opt</b>
No of Finisher Sheets	500/1,000	300/3,200
Sheets Stapled	50	50
Saddle stitch	No/Yes	No/Yes
Hole Punch	No/Yes	Yes

Strengths of MX-3110N / MX-2610N	Strengths of Konica Minolta bizhub C360
✓ More max paper cassettes	✓ More std cassettes
✓ Higher max paper capacity	✓ Higher std paper capacity
✓ Lighter paper support (duplex)	✓ Heavier paper support (trays, bypass, duplex, and document feeder)
✓ Faster warm up time	✓ Larger HDD
✓ More memory	✓ Longer toner life (colour & B/W)
✓ Smaller footprint	✓ Faster first copy time (colour)
✓ Std document feeder	✓ More max qty select
✓ Higher print resolution	✓ Std PS
✓ Opt XPS	✓ Faster scan speed (colour & B/W)
	✓ Higher capacity finisher
	✓ Std i-Fax
	✓ Faster output

## MX-3110N / MX-2610N Sales Guide



### ■ Sharp MX-3110N / MX-2610N vs. Toshiba e-Studio 2820c



Manufacturer	Sharp	Toshiba	Manufacturer	Sharp	Toshiba
Model	MX-3110N / MX-2610N	e-Studio 2820c	Model	MX-3110N / MX-2610N	e-Studio 2820c
Launch Date	Jan. 11	May. 08			
Also Sold As	N/A	N/A			
<b>Multifunctionality</b>	<b>Std</b>	<b>Std</b>	<b>Document Feeder</b>	<b>Std</b>	<b>Opt</b>
Network Printer	Std	Std	Type	RSPF	RADF
Network Scanning	Std	Std	Capacity	100 sheets	100 sheets
Fax	Opt	Opt	Paper Capacity	1-sided: 35 – 128	1-sided: 35 – 157
Document Filing	Std	Opt	<b>Network Printer</b>	<b>Std</b>	<b>Std</b>
<b>Base Engine</b>	Desktop	Desktop	Print/min. (ppm) (B/W/ Col)	31 26	28
Paper Max. Size	A3W	A3W	Print Resolution (dpi)	1,200 x 1,200	600 x 600
Total Cassettes Std.	1	2	Postscript	Opt	Std
Total Cassettes Max.	5	4	PCL	Std (PCL6)	Std (PCL6)
Total Sheets Std.	600	1,200	XPS	Opt	Std
Total Sheets Max.	5,600	3,700	Printer Std. Mem.	3 GB (shared)	1.5 GB (shared)
No of sheets (Bypass)	100	100	Printer Max. Mem	4 GB (opt 1 GB)	1.5 GB (shared)
Paper weight (gsm) (Trays/Bypass)	60-209/ 55-256	64-256/ 64-280	Gigabit Ethernet	Std	No
Duplex	Std (60-209)	Std (??- 256)	USB	Std	Std
Warm up time (sec)	20	30 from low power mode	<b>Fax</b>	<b>Opt</b>	<b>Opt</b>
Std. Memory	3 GB (shared)	1.5 GB (shared)	Type	Super G3	Super G3 / G3
Max. Memory	3 GB (shared)	1.5 GB (shared)	PC-Fax	Opt	Opt
Hard Drive	Std (160 GB)	Std (80 GB)	i-Fax	Opt	Std
Machine Size (WxDxH)	583 x 658 x 834	699 x 774 x 759	Fax Broadcast	500	400
Toner Life (B/W)	24k (5%)	29k (6%)	Resolution (dpi)	600	600
Toner Life (Col)	15k (5%)	24k (6%)	Scan Speed (ipm) (B/W/ Col)	50	57
<b>Copier</b>	<b>Std</b>	<b>Std</b>	Destinations	HDD, USB, PC, SMB, email, FTP, TWAIN	Email, SMB, FTP, I-Fax, HDD, TWAIN
Copy/min. (cpm) (B/W/ Col)	31 26	28	Functionality	Sharpdesk	
First Copy Time (B/W/ Col)	5.8/7.9 5.9/8.1	6.5/8.4	<b>Finishing</b>	<b>Opt/Opt</b>	<b>Opt/Opt/Opt</b>
Max. Original Size	A3	A3	No of Finisher Sheets	500/1,000	1,000/2,000/2,250
Max. Qty. Select	999	999	Sheets Stapled	50	50
Copy Resolution (dpi)	9,600 (equivalent) x 600	600 x 600	Saddle stitch	No/Yes	No/Yes/No
Zoom Range	25-400%	25-400%	Hole Punch	No/Yes	No/Yes/Yes

Strengths of MX-3110N / MX-2610N	Strengths of Toshiba e-studio 2820c
<ul style="list-style-type: none"> <li>✓ Std document filing</li> <li>✓ More max paper cassettes</li> <li>✓ Higher max paper capacity</li> <li>✓ Lighter paper support (trays &amp; bypass)</li> <li>✓ Faster warm up time</li> <li>✓ More memory</li> <li>✓ Larger HDD</li> <li>✓ Smaller footprint</li> <li>✓ Faster output (MX-3110N only)</li> <li>✓ Faster first copy time (colour &amp; B/W)</li> <li>✓ Std document feeder</li> <li>✓ Higher print resolution</li> <li>✓ Std Gigabit Ethernet</li> <li>✓ More fax broadcasts</li> </ul>	<ul style="list-style-type: none"> <li>✓ More std cassettes</li> <li>✓ More std paper capacity</li> <li>✓ Heavier paper support (trays, bypass, duplex, and document feeder)</li> <li>✓ Longer toner life (colour &amp; B/W)</li> <li>✓ Std PS and XPS</li> <li>✓ Faster scan speed (colour &amp; B/W)</li> <li>✓ Higher capacity finisher</li> <li>✓ Std i-Fax</li> </ul>

## MX-3110N / MX-2610N Sales Guide



### ■ Sharp MX-3110N / MX-2610N vs. Toshiba e-Studio 3520c



Manufacturer	Sharp	Toshiba
Model	MX-3110N / MX-2610N	e-Studio 3520c
Launch Date	Jan. 11	May. 08
Also Sold As	N/A	N/A
<b>Multifunctionality</b>	<b>Std</b>	<b>Std</b>
Network Printer	Std	Std
Network Scanning	Std	Std
Fax	Opt	Opt
Document Filing	Std	Opt
<b>Base Engine</b>	Desktop	Desktop
Paper Max. Size	A3W	A3W
Total Cassettes Std.	1	2
Total Cassettes Max.	5	4
Total Sheets Std.	600	1,200
Total Sheets Max.	5,600	3,700
No of sheets (Bypass)	100	100
Paper weight (gsm) (Trays/Bypass)	60-209/ 55-256	64-256/ 64-280
Duplex	Std (60-209)	Std (??- 256)
Warm up time (sec)	20	30 from low power mode
Std. Memory	3 GB (shared)	1.5 GB (shared)
Max. Memory	3 GB (shared)	1.5 GB (shared)
Hard Drive	Std (160 GB)	Std (80 GB)
Machine Size (WxDxH)	583 x 658 x 834	699 x 774 x 759
Toner Life (B/W)	24k (5%)	29k (6%)
Toner Life (Col)	15k (5%)	24k (6%)
<b>Copier</b>	<b>Std</b>	<b>Std</b>
Copy/min. (cpm) (B/W/ Col)	31   26	35
First Copy Time (B/W/ Col)	5.8/7.9   5.9/8.1	6.5/8.4
Max. Original Size	A3	A3
Max. Qty. Select	999	999
Copy Resolution (dpi)	9,600 (equivalent) x 600	600 x 600
Zoom Range	25-400%	25-400%

Manufacturer	Sharp	Toshiba
Model	MX-3110N / MX-2610N	e-Studio 3520c
<b>Document Feeder</b>	<b>Std</b>	<b>Opt</b>
Type	RSPF	RADF
Capacity	100 sheets	100 sheets
Paper Capacity	1-sided: 35 – 128	1-sided: 35 - 157
<b>Network Printer</b>	<b>Std</b>	<b>Std</b>
Print/min. (ppm) (B/W/ Col)	31   26	35
Print Resolution (dpi)	1,200 x 1,200	600 x 600
Postscript	Opt	Std
PCL	Std (PCL6)	Std (PCL6)
XPS	Opt	Std
Printer Std. Mem.	3 GB (shared)	1.5 GB (shared)
Printer Max. Mem	4 GB (opt 1 GB)	1.5 GB (shared)
Gigabit Ethernet	Std	No
USB	Std	Std
<b>Fax</b>	<b>Opt</b>	<b>Opt</b>
Type	Super G3	Super G3 / G3
PC-Fax	Opt	Opt
i-Fax	Opt	Std
Fax Broadcast	500	400
Resolution (dpi)	600	600
Scan Speed (ipm) (B/W/ Col)	50	57
Destinations	HDD, USB, PC, SMB, email, FTP, TWAIN	Email, SMB, FTP, I-Fax, HDD, TWAIN
Functionality	Sharpdesk	
<b>Finishing</b>	<b>Opt/Opt</b>	<b>Opt/Opt/Opt</b>
No of Finisher Sheets	500/1,000	1,000/2,000/2,250
Sheets Stapled	50	50
Saddle stitch	No/Yes	No/Yes/No
Hole Punch	No/Yes	No/Yes/Yes

Strengths of MX-3110N / MX-2610N	Strengths of Toshiba e-studio 3520c
<ul style="list-style-type: none"> <li>✓ Std document filing</li> <li>✓ More paper cassettes (max)</li> <li>✓ Higher paper capacity (max)</li> <li>✓ Lighter paper support (trays &amp; bypass)</li> <li>✓ Faster warm up time</li> <li>✓ More memory</li> <li>✓ Larger HDD</li> <li>✓ Smaller footprint</li> <li>✓ Faster first copy time (Colour &amp; B/W)</li> <li>✓ Higher print resolution</li> <li>✓ Std document feeder</li> <li>✓ Std Gigabit Ethernet</li> <li>✓ More fax broadcasts</li> </ul>	<ul style="list-style-type: none"> <li>✓ More std cassettes</li> <li>✓ More paper cassettes (std)</li> <li>✓ Heavier paper support (trays, bypass, duplex, and document feeder)</li> <li>✓ Longer toner life (Colour &amp; B/W)</li> <li>✓ Std PS and XPS</li> <li>✓ Faster scan speed (Colour &amp; B/W)</li> <li>✓ Higher capacity finisher</li> <li>✓ Std i-Fax</li> <li>✓ Faster output</li> </ul>

## MX-3110N / MX-2610N Sales Guide



### ■ Sharp MX-3110N / MX-2610N vs. Kyocera TASKalfa 250ci



Manufacturer	Sharp	Kyocera
Model	MX-3110N / MX-2610N	TASKalfa 250ci
Launch Date	Jan. 11	Jan 09
Also Sold As	N/A	TA Triumph-Adler AG DCC2725 UTAX CDC 1725
<b>Multifunctionality</b>	<b>Std</b>	<b>Std</b>
Network Printer	Std	Std
Network Scanning	Std	Std
Fax	Opt	Opt
Document Filing	Std	No
<b>Base Engine</b>	Desktop	Desktop
Max. Paper Size	A3W	A3
Total Cassettes Std.	1	2
Total Cassettes Max.	5	5
Total Sheets Std.	600	1,100
Total Sheets Max.	5,600	4,100
No of sheets (Bypass)	100	100
Paper weight (gsm) (Trays/Bypass)	60-209/ 55-256	60 – 163/ 60-220
Duplex	Std (60-209)	Std (60-163)
Warm up time (secs)	20	30
Std. Memory	3 GB (shared)	2 GB (shared)
Max. Memory	3 GB (shared)	2 GB (shared)
Hard Drive	Std (160 GB)	Std (80 GB)
Machine Size (WxDxH)	583 x 658 x 834	605 x 680 x 745
Toner Life (B/W)	24k (5%)	20k (5%)
Toner Life (Col)	15k (5%)	12k (5%)
<b>Copier</b>	<b>Std</b>	<b>Std</b>
Copy/min. (cpm) (B/W/ Col)	31 26	25
First Copy Time (B/W/ Col)	5.8/7.9 5.9/8.1	6.2/8.1
Max. Original Size	A3	A3
Max. Qty. Select	999	999
Copy Resolution (dpi)	9,600 (equivalent) x 600	9,600 (equivalent) x 600
Zoom Range	25-400%	25-400%

Manufacturer	Sharp	Kyocera
Model	MX-3110N / MX-2610N	TASKalfa 250ci
<b>Document Feeder</b>	<b>Std</b>	<b>Opt</b>
Type	RSPF	DSPF/ RSPF
Capacity	100 sheets	100 sheets
Paper Weight	1-sided: 35 – 128	1-sided: 45 - 160
<b>Network Printer</b>	<b>Std</b>	<b>Std</b>
Print/min. (ppm) (B/W/ Col)	31 26	25
Print Resolution (dpi)	1,200 x 1,200	600 x 600
Postscript	Opt	Std
PCL	Std (PCL6)	Std (PCL6)
XPS	Opt	No
Printer Std Mem	3 GB (shared)	2 GB (shared)
Printer Max. Mem	4GB (opt 1 GB)	2 GB (shared)
Gigabit Ethernet	Std	Opt
USB	Std	Std
<b>Fax</b>	<b>Opt</b>	<b>Opt</b>
Type	Super G3	Super G3
PC-Fax	Opt	Opt
i-Fax	Opt	Opt
Fax Broadcast	500	300
<b>Network Scanning</b>	<b>Std</b>	<b>Std</b>
Resolution (dpi)	600	600
Scan Speed (ipm) (B/W/ Col)	50	60
Destinations	HDD, USB, PC, SMB, email, FTP, TWAIN	Email, SMB, FTP, I-Fax, HDD, TWAIN
Functionality	Sharpdesk	ScanSoft Paperport
<b>Finishing</b>	<b>Opt/Opt</b>	<b>Opt/Opt</b>
No of Finisher Sheets	500/1,000	1,000/3,200
Sheets Stapled	50	50
Saddle stitch	No/Yes	No/Yes
Hole Punch	No/Yes	No/Yes

Strengths of MX-3110N / MX-2610N	Strengths of TASKalfa 250ci
<ul style="list-style-type: none"> <li>✓ Std document filing</li> <li>✓ Larger max paper size</li> <li>✓ Higher max paper capacity</li> <li>✓ Heavier paper support (trays, bypass, and bypass)</li> <li>✓ Lighter paper support (bypass and document feeder)</li> <li>✓ Faster warm up time</li> <li>✓ More memory</li> <li>✓ Larger HDD</li> <li>✓ Smaller footprint</li> <li>✓ Longer toner life (B/W &amp; colour)</li> <li>✓ Faster output</li> <li>✓ Faster first copy time</li> <li>✓ Std document feeder</li> <li>✓ Std Gigabit Ethernet</li> <li>✓ Std PC-FAX</li> <li>✓ More fax broadcasts</li> <li>✓ Higher print resolution</li> <li>✓ Opt XPS</li> </ul>	<ul style="list-style-type: none"> <li>✓ More std cassettes</li> <li>✓ Opt DSPF support</li> <li>✓ Heavier paper support (document feeder)</li> <li>✓ Std PS</li> <li>✓ Faster scan speed (colour &amp; B/W)</li> <li>✓ Higher paper capacity (std)</li> </ul>

## MX-3110N / MX-2610N Sales Guide



### ■ Sharp MX-3110N / MX-2610N vs. Kyocera TASKalfa 300ci



Manufacturer	Sharp	Kyocera
Model	MX-3110N / MX-2610N	TASKalfa 300ci
Launch Date	Jan. 11	Jan 09
Also Sold As	N/A	TA Triumph-Adler AG DCC2730 UTAX CDC 1730
<b>Multifunctionality</b>	<b>Std</b>	<b>Std</b>
Network Printer	Std	Std
Network Scanning	Std	Std
Fax	Opt	Opt
Document Filing	Std	No
<b>Base Engine</b>	Desktop	Desktop
Max. Paper Size	A3W	A3
Total Cassettes Std.	1	2
Total Cassettes Max.	5	5
Total Sheets Std.	600	1,100
Total Sheets Max.	5,600	4,100
No of sheets (Bypass)	100	100
Paper weight (gsm) (Trays/Bypass)	60-209/ 55-256	60 – 163/ 60-220
Duplex	Std (60-209)	Std (60-163)
Warm up time (secs)	20	30
Std. Memory	3 GB (shared)	2 GB (shared)
Max. Memory	3 GB (shared)	2 GB (shared)
Hard Drive	Std (160 GB)	Std (80 GB)
Machine Size (WxDxH)	583 x 658 x 829	605 x 680 x 745
Toner Life (B/W)	24k (5%)	20k (5%)
Toner Life (Col)	15k (5%)	12k (5%)
<b>Copier</b>	<b>Std</b>	<b>Std</b>
Copy/min. (cpm) (B/W/ Col)	31 26	30
First Copy Time (B/W/ Col)	5.8/7.9 5.9/8.1	6.2/8.1
Max. Original Size	A3	A3
Max. Qty. Select	999	999
Copy Resolution (dpi)	9,600 (equivalent) x 600	9,600 (equivalent) x 600
Zoom Range	25-400%	25-400%

Manufacturer	Sharp	Kyocera
Model	MX-3110N / MX-2610N	TASKalfa 300ci
<b>Document Feeder</b>	<b>Std</b>	<b>Opt</b>
Type	RSPF	DSPF/ RSPF
Capacity	100 sheets	100 sheets
Paper Weight	1-sided: 35 – 128	1-sided: 45 - 160
<b>Network Printer</b>	<b>Std</b>	<b>Std</b>
Print/min. (ppm) (B/W/ Col)	31 26	30
Print Resolution (dpi)	1,200 x 1,200	600 x 600
Postscript	Opt	Std
PCL	Std (PCL6)	Std (PCL6)
XPS	Opt	No
Printer Std Mem	3 GB (shared)	2 GB (shared)
Printer Max. Mem	4 GB (opt 1 GB)	2 GB (shared)
Gigabit Ethernet	Std	Opt
USB	Std	Std
<b>Fax</b>	<b>Opt</b>	<b>Opt</b>
Type	Super G3	Super G3
PC-Fax	Opt	Opt
i-Fax	Opt	Opt
Fax Broadcast	500	300
<b>Network Scanning</b>	<b>Std</b>	<b>Std</b>
Resolution (dpi)	600	600
Scan Speed (ipm) (B/W/ Col)	50	60
Destinations	HDD, USB, PC, SMB, email, FTP, TWAIN	Email, SMB, FTP, I-Fax, HDD, TWAIN
Functionality	Sharpdesk	ScanSoft Paperport
<b>Finishing</b>	<b>Opt/Opt</b>	<b>Opt/Opt</b>
No of Finisher Sheets	500/1,000	1,000/3,200
Sheets Stapled	50	50
Saddle stitch	No/Yes	No/Yes
Hole Punch	No/Yes	No/Yes

Strengths of MX-3110N / MX-2610N	Strengths of TASKalfa 300ci
<ul style="list-style-type: none"> <li>✓ Std document filing</li> <li>✓ Larger max paper size</li> <li>✓ Higher max paper capacity</li> <li>✓ Heavier paper support (trays, bypass, and bypass)</li> <li>✓ Lighter paper support (bypass and document feeder)</li> <li>✓ Faster warm up time</li> <li>✓ More memory</li> <li>✓ Larger HDD</li> <li>✓ Smaller footprint</li> <li>✓ Longer toner life (B/W &amp; colour)</li> <li>✓ Faster output (MX-3110N only)</li> <li>✓ Faster first copy time (B/W: both, Colour: MX-3110N only)</li> <li>✓ Std document feeder</li> <li>✓ Std Gigabit Ethernet</li> <li>✓ More fax broadcasts</li> <li>✓ Higher print resolution</li> <li>✓ Opt XPS</li> </ul>	<ul style="list-style-type: none"> <li>✓ More std cassettes</li> <li>✓ Opt DSPF support</li> <li>✓ Heavier paper support (document feeder)</li> <li>✓ Std PS</li> <li>✓ Faster scan speed (colour &amp; B/W)</li> <li>✓ Higher paper capacity (std)</li> </ul>

## MX-3110N / MX-2610N Sales Guide



### ■ Sharp MX-3110N / MX-2610N vs. Xerox WorkCentre 7425



Manufacturer	Sharp	Xerox
Model	MX-3110N / MX-2610N	WorkCentre 7425
Launch Date	Jan. 11	Jan. 09
Also Sold As	N/A	N/A
<b>Multifunctionality</b>	<b>Std</b>	<b>Std</b>
Network Printer	Std	Std
Network Scanning	Std	Std
Fax	Opt	Opt
Document Filing	Std	No
<b>Base Engine</b>	Desktop	Desktop
Paper Max. Size	A3W	A3W
Total Cassettes Std.	1	1
Total Cassettes Max.	5	5
Total Sheets Std.	600	620
Total Sheets Max.	5,600	5,140
No of sheets (Bypass)	100	100
Paper weight (gsm) (Trays/Bypass)	60-209/ 55-256	55-280/ 55-280
Duplex	Std (60-209)	Std
Warm up time (secs)	20	45
Std memory	3 GB (shared)	1.5 GB (shared)
Max memory	3 GB (shared)	1.5 GB (shared)
Hard Drive	Std (160 GB)	Std (40 GB)
Machine Size (WxDxH)	583 x 658 x 834	1,046 x 678 x 1,125
Toner Life (B/W)	24k (5%)	26k (5%)
Toner Life (Col)	15k (5%)	15k (5%)
<b>Copier</b>	<b>Std</b>	<b>Std</b>
Copy/min. (cpm) (B/W/ Col)	31/31 26/26	25/20
First Copy Time (B/W/ Col)	5.8/7.9 5.9/8.1	6.7/8.7
Max. Original Size	A3	A3
Max. Qty. Select	999	999
Copy Resolution (dpi)	9,600 (equivalent) x 600	600 x 600
Zoom Range	25-400%	25-400%

Manufacturer	Sharp	Xerox
Model	MX-3110N / MX-2610N	WorkCentre 7425
<b>Document Feeder</b>	<b>Std</b>	<b>Std</b>
Type	RSPF	RADF
Capacity	100 sheets	75 sheets
Paper weight	1-sided: 35 - 128	1-sided: 60 -120
<b>Network Printer</b>	<b>Std</b>	<b>Std</b>
Print/min. (ppm) (B/W/ Col)	31/31 26/26	25/20
Print Resolution (dpi)	1,200 x 1,200	600 x 600
Postscript	Opt	Opt
PCL	Std (PCL6)	Std (PCL6)
XPS	Opt	Std
Printer Std. Mem.	3 GB (shared)	1.5 GB (shared)
Printer Max. Mem	4 GB (opt 1 GB)	1.5 GB (shared)
Gigabit Ethernet	Std	No
USB	Std	Std
<b>Fax</b>	<b>Opt</b>	<b>Opt</b>
Type	Super G3	Super G3 / G3
PC-Fax	Opt	No
i-Fax	Opt	Opt
Fax Broadcast	500	200
<b>Network Scanning</b>	<b>Std</b>	<b>Std</b>
Resolution (dpi)	600	600
Scan Speed (ipm) (B/W/ Col)	50/50	50/45
Destinations	HDD, USB, PC, SMB, email, FTP, TWAIN	Email, SMB, FTP, I-Fax, HDD, URL, TWAIN
Functionality	Sharpdesk	
<b>Finishing</b>	<b>Opt/Opt</b>	<b>Opt/Opt/Opt</b>
No of Finisher Sheets	500/1,000	500/2,000/2,000
Sheets Stapled	50	50
Saddle stitch	No/Yes	No/Yes/Yes
Hole Punch	No/Yes	Yes/Yes/No

Strengths of MX-3110N / MX-2610N	Strengths of Xerox WorkCentre 7425
<ul style="list-style-type: none"> <li>✓ Std document filing</li> <li>✓ Higher paper capacity (max)</li> <li>✓ Faster warm up time</li> <li>✓ More memory</li> <li>✓ Larger HDD</li> <li>✓ Smaller footprint</li> <li>✓ Faster output</li> <li>✓ Faster first copy time</li> <li>✓ Higher capacity document feeder</li> <li>✓ Higher print resolution</li> <li>✓ Std Gigabit Ethernet</li> <li>✓ Faster scan speed (colour)</li> <li>✓ Opt PC-Fax</li> </ul>	<ul style="list-style-type: none"> <li>✓ Lighter paper support (trays)</li> <li>✓ Heavier paper support (trays/ bypass)</li> <li>✓ Longer toner life (B/W)</li> <li>✓ Std XPS</li> <li>✓ Faster scan speed (B/W)</li> <li>✓ Higher capacity finisher</li> <li>✓ Higher paper capacity (std)</li> </ul>



## MX-3110N / MX-2610N Sales Guide



### ■ Sharp MX-3110N / MX-2610N vs. Xerox WorkCentre 7428



Manufacturer	Sharp	Xerox
Model	MX-3110N / MX-2610N	WorkCentre 7428
Launch Date	Jan. 11	Jan. 09
Also Sold As	N/A	N/A
<b>Multifunctionality</b>	<b>Std</b>	<b>Std</b>
Network Printer	Std	Std
Network Scanning	Std	Std
Fax	Opt	Opt
Document Filing	Std	No
<b>Base Engine</b>	Desktop	Desktop
Paper Max. Size	A3W	A3W
Total Cassettes Std.	1	1
Total Cassettes Max.	5	5
Total Sheets Std.	600	620
Total Sheets Max.	5,600	5,140
No of sheets (Bypass)	100	100
Paper weight (gsm) (Trays/Bypass)	60-209/ 55-256	55-280/ 55-280
Duplex	Std (60-209)	Std
Warm up time (secs)	20	45
Std memory	3 GB (shared)	1.5 GB (shared)
Max memory	3 GB (shared)	1.5 GB (shared)
Hard Drive	Std (160 GB)	Std (40 GB)
Machine Size (WxDxH)	583 x 658 x 834	1,046 x 678 x 1,125
Toner Life (B/W)	24k (5%)	26k (5%)
Toner Life (Col)	15k (5%)	15k (5%)
<b>Copier</b>	<b>Std</b>	<b>Std</b>
Copy/min. (cpm)	31   26	28
First Copy Time (B/W/ Col)	5.8/7.9   5.9/8.1	5.0/6.4
Max. Original Size	A3	A3
Max. Qty. Select	999	999
Copy Resolution (dpi)	9,600 (equivalent) x 600	600 x 600
Zoom Range	25-400%	25-400%

Manufacturer	Sharp	Xerox
Model	MX-3110N / MX-2610N	WorkCentre 7428
<b>Document Feeder</b>	<b>Std</b>	<b>Std</b>
Type	RSPF	RADF
Capacity	100 sheets	75 sheets
Paper weight	1-sided: 35 - 128	1-sided: 60 -120
<b>Network Printer</b>	<b>Std</b>	<b>Std</b>
Print/min. (ppm)	31   26	28
Print Resolution (dpi)	1,200 x 1,200	600 x 600
Postscript	Opt	Opt
PCL	Std (PCL6)	Std (PCL6)
XPS	Opt	Std
Printer Std. Mem.	3 GB (shared)	1.5 GB (shared)
Printer Max. Mem	4 GB (opt 1 GB)	1.5 GB (shared)
Gigabit Ethernet	Std	No
USB	Std	Std
<b>Fax</b>	<b>Opt</b>	<b>Opt</b>
Type	Super G3	Super G3 / G3
PC-Fax	Opt	No
i-Fax	Opt	Opt
Fax Broadcast	500	200
<b>Network Scanning</b>	<b>Std</b>	<b>Std</b>
Resolution (dpi)	600	600
Scan Speed (ipm) (B/W/ Col)	50/50	50/45
Destinations	HDD, USB, PC, SMB, email, FTP, TWAIN	Email, SMB, FTP, I-Fax, HDD, URL, TWAIN
Functionality	Sharpdesk	
<b>Finishing</b>	<b>Opt/Opt</b>	<b>Opt/Opt/Opt</b>
No of Finisher Sheets	500/1,000	500/2,000/2,000
Sheets Stapled	50	50
Saddle stitch	No/Yes	No/Yes/Yes
Hole Punch	No/Yes	Yes/Yes/No

Strengths of MX-3110N / MX-2610N	Strengths of Xerox WorkCentre 7428
<ul style="list-style-type: none"> <li>✓ Std document filing</li> <li>✓ Higher paper capacity (std, max, and bypass)</li> <li>✓ Faster warm up time</li> <li>✓ More memory</li> <li>✓ Larger HDD</li> <li>✓ Smaller footprint</li> <li>✓ Faster output (MX-3110N only)</li> <li>✓ Higher capacity document feeder</li> <li>✓ Higher print resolution</li> <li>✓ Std Gigabit Ethernet</li> <li>✓ Faster scan speed (colour)</li> <li>✓ Opt PC-Fax</li> </ul>	<ul style="list-style-type: none"> <li>✓ Lighter paper support (trays)</li> <li>✓ Heavier paper support (trays/ bypass)</li> <li>✓ Longer toner life (B/W)</li> <li>✓ Faster first copy time</li> <li>✓ Std XPS</li> <li>✓ Faster scan speed (B/W)</li> <li>✓ Higher capacity finisher</li> <li>✓ Higher paper capacity (std)</li> </ul>

## MX-3110N / MX-2610N Sales Guide



### ■ Sharp MX-3110N / MX-2610N vs. Xerox WorkCentre 7435



Manufacturer	Sharp	Xerox
Model	MX-3110N / MX-2610N	WorkCentre 7428
Launch Date	Jan. 11	Jan. 09
Also Sold As	N/A	N/A
<b>Multifunctionality</b>	<b>Std</b>	<b>Std</b>
Network Printer	Std	Std
Network Scanning	Std	Std
Fax	Opt	Opt
Document Filing	Std	No
<b>Base Engine</b>	<b>Desktop</b>	<b>Desktop</b>
Paper Max. Size	A3W	A3W
Total Cassettes Std.	1	1
Total Cassettes Max.	5	5
Total Sheets Std.	600	620
Total Sheets Max.	5,600	5,140
No of sheets (Bypass)	100	100
Paper weight (gsm) (Trays/Bypass)	60-209/ 55-256	55-280/ 55-280
Duplex	Std (60-209)	Std
Warm up time (secs)	20	45
Std memory	3 GB (shared)	1.5 GB (shared)
Max memory	3 GB (shared)	1.5 GB (shared)
Hard Drive	Std (160 GB)	Std (40 GB)
Machine Size (WxDxH)	583 x 658 x 834	1,046 x 678 x 1,125
Toner Life (B/W)	24k (5%)	26k (5%)
Toner Life (Col)	15k (5%)	15k (5%)
<b>Copier</b>	<b>Std</b>	<b>Std</b>
Copy/min. (cpm)	31   26	35
First Copy Time (B/W/ Col)	5.8/7.9   5.9/8.1	5.0/6.4
Max. Original Size	A3	A3
Max. Qty. Select	999	999
Copy Resolution (dpi)	9,600 (equivalent) x 600	600 x 600
Zoom Range	25-400%	25-400%

Manufacturer	Sharp	Xerox
Model	MX-3110N / MX-2610N	WorkCentre 7428
<b>Document Feeder</b>	<b>Std</b>	<b>Std</b>
Type	RSPF	RADF
Capacity	100 sheets	75 sheets
Paper weight	1-sided: 35 - 128	1-sided: 60 -120
<b>Network Printer</b>	<b>Std</b>	<b>Std</b>
Print/min. (ppm)	31   26	35
Print Resolution (dpi)	1,200 x 1,200	600 x 600
Postscript	Opt	Opt
PCL	Std (PCL6)	Std (PCL6)
XPS	Opt	Std
Printer Std. Mem.	3 GB (shared)	1.5 GB (shared)
Printer Max. Mem	4 GB (opt 1 GB)	1.5 GB (shared)
Gigabit Ethernet	Std	No
USB	Std	Std
<b>Fax</b>	<b>Opt</b>	<b>Opt</b>
Type	Super G3	Super G3 / G3
PC-Fax	Opt	No
i-Fax	Opt	Opt
Fax Broadcast	500	200
<b>Network Scanning</b>	<b>Std</b>	<b>Std</b>
Resolution (dpi)	600	600
Scan Speed (ipm) (B/W/ Col)	50/50	50/45
Destinations	HDD, USB, PC, SMB, email, FTP, TWAIN	Email, SMB, FTP, I-Fax, HDD, URL, TWAIN
Functionality	Sharpdesk	
<b>Finishing</b>	<b>Opt/Opt</b>	<b>Opt/Opt/Opt</b>
No of Finisher Sheets	500/1,000	500/2,000/2,000
Sheets Stapled	50	50
Saddle stitch	No/Yes	No/Yes/Yes
Hole Punch	No/Yes	Yes/Yes/No

Strengths of MX-3110N / MX-2610N	Strengths of Xerox Workcentre 7435
<ul style="list-style-type: none"> <li>✓ Std document filing</li> <li>✓ More std paper cassettes</li> <li>✓ Higher paper capacity (max)</li> <li>✓ Faster warm up time</li> <li>✓ More memory</li> <li>✓ Larger HDD</li> <li>✓ Smaller footprint</li> <li>✓ Higher capacity document feeder</li> <li>✓ Higher print resolution</li> <li>✓ Std Gigabit Ethernet</li> <li>✓ Faster scan speed (colour)</li> <li>✓ Opt PC-Fax</li> <li>✓ More fax broadcasts</li> </ul>	<ul style="list-style-type: none"> <li>✓ Lighter paper support (trays)</li> <li>✓ Heavier paper support (trays/ bypass)</li> <li>✓ Longer toner life (B/W)</li> <li>✓ Faster first copy time</li> <li>✓ Std XPS</li> <li>✓ Faster scan speed (B/W)</li> <li>✓ Higher capacity finisher</li> <li>✓ Faster output</li> <li>✓ Higher paper capacity (std)</li> </ul>

## MX-3110N / MX-2610N Sales Guide



### ■ Sharp MX-3110N / MX-2610N vs. Samsung CLX-9250ND



Manufacturer	Sharp	Samsung
Model	MX-3110N / MX-2610N	CLX-9250ND
Launch Date	Jan. 11	Oct. 10
Also Sold As	N/A	N/A
<b>Multifunctionality</b>	<b>Std</b>	<b>Std</b>
Network Printer	Std	Std
Network Scanning	Std	Std
Fax	Opt	Opt
Document Filing	Std	No
<b>Base Engine</b>	Desktop	Desktop
Paper Max. Size	A3W	A3W
Total Cassettes Std.	1	2
Total Cassettes Max.	5	4
Total Sheets Std.	600	1,140
Total Sheets Max.	5,600	3,140
No of sheets (Bypass)	100	100
Paper weight (gsm) (Trays/Bypass)	60-209/ 55-256	60-216/ 60-253
Duplex	Std (60-209)	Std
Warm up time (secs)	20	45
Std memory	3 GB (shared)	1 GB (shared)
Max memory	3 GB (shared)	2 GB (shared)
Hard Drive	Std (160 GB)	Std (250 GB)
Machine Size (WxDxH)	583 x 658 x 834	676 x 763 x 923
Toner Life (B/W)	24k (5%)	25k (5%)
Toner Life (Col)	15k (5%)	15k (5%)
<b>Copier</b>	<b>Std</b>	<b>Std</b>
Copy/min. (cpm)	31   26	25
First Copy Time (B/W/ Col)	5.8/7.9   5.9/8.1	10.5/9.5
Max. Original Size	A3	A3
Max. Qty. Select	999	9,999
Copy Resolution (dpi)	9,600 (equivalent) x 600	9,600 x 600
Zoom Range	25-400%	25-400%

Manufacturer	Sharp	Samsung
Model	MX-3110N / MX-2610N	CLX-9250ND
<b>Document Feeder</b>	<b>Std</b>	<b>Std</b>
Type	RSPF	RADF
Capacity	100 sheets	100 sheets
Paper weight	1-sided: 35 - 128	1-sided: 43 - 160
<b>Network Printer</b>	<b>Std</b>	<b>Std</b>
Print/min. (ppm)	31   26	25
Print Resolution (dpi)	1,200 x 1,200	600 x 600
Postscript	Opt	Std
PCL	Std (PCL6)	Std (PCL6/5c)
XPS	Opt	Std
Printer Std. Mem.	3 GB (shared)	1 GB (shared)
Printer Max. Mem	4 GB (opt 1 GB)	2 GB (shared)
Gigabit Ethernet	Std	Std
USB	Std	Std
<b>Fax</b>	<b>Opt</b>	<b>Opt</b>
Type	Super G3	Super G3
PC-Fax	Opt	Std
i-Fax	Opt	Std
Fax Broadcast	500	500
<b>Network Scanning</b>	<b>Std</b>	<b>Std</b>
Resolution (dpi)	600	600
Scan Speed (ipm) (B/W/ Col)	50	60
Destinations	HDD, USB, PC, SMB, email, FTP, TWAIN	Email, SMB, FTP, I-Fax, HDD, TWAIN
Functionality	Sharpdesk	Samsung SmarThru Office
<b>Finishing</b>	<b>Opt/Opt</b>	<b>Opt/Opt</b>
No of Finisher Sheets	500/1,000	1,250/3,250
Sheets Stapled	50	50
Saddle stitch	No/Yes	No/Yes
Hole Punch	No/Yes	No/Yes

Strengths of MX-3110N / MX-2610N	Strengths of Samsung CLX-9250ND
✓ Std document filing	✓ More std paper cassettes
✓ More max paper cassettes	✓ Higher paper capacity (std)
✓ Higher paper capacity (max)	✓ Heavier paper support (trays and document feeder)
✓ Lighter paper support (bypass and document feeder)	✓ Larger HDD
✓ Heavier paper support (bypass)	✓ Longer toner life (B/W)
✓ Faster warm up time	✓ More max qty select
✓ More memory	✓ Std PS and XPS
✓ Smaller footprint	✓ Faster scan speed (B/W)
✓ Faster output	✓ Higher capacity finisher
✓ Faster first copy time (B/W and colour)	✓ Std PC-Fax and i-Fax
✓ Higher print resolution	

## MX-3110N / MX-2610N Sales Guide



### ■ Sharp MX-3110N / MX-2610N vs. Samsung CLX-9350ND



Manufacturer	Sharp	Samsung
Model	MX-3110N / MX-2610N	CLX-9350ND
Launch Date	Jan. 11	Oct. 10
Also Sold As	N/A	N/A
<b>Multifunctionality</b>	<b>Std</b>	<b>Std</b>
Network Printer	Std	Std
Network Scanning	Std	Std
Fax	Opt	Opt
Document Filing	Std	No
<b>Base Engine</b>	Desktop	Desktop
Paper Max. Size	A3W	A3W
Total Cassettes Std.	1	2
Total Cassettes Max.	5	4
Total Sheets Std.	600	1,140
Total Sheets Max.	5,600	3,140
No of sheets (Bypass)	100	100
Paper weight (gsm) (Trays/Bypass)	60-209/ 55-256	60-216/ 60-253
Duplex	Std (60-209)	Std
Warm up time (secs)	20	45
Std memory	3 GB (shared)	1 GB (shared)
Max memory	3 GB (shared)	2 GB (shared)
Hard Drive	Std (160 GB)	Std (250 GB)
Machine Size (WxDxH)	583 x 658 x 834	676 x 763 x 923
Toner Life (B/W)	24k (5%)	25k (5%)
Toner Life (Col)	15k (5%)	15k (5%)
<b>Copier</b>	<b>Std</b>	<b>Std</b>
Copy/min. (cpm)	31   26	35
First Copy Time (B/W/ Col)	5.8/7.9   5.9/8.1	7.5/8.5
Max. Original Size	A3	A3
Max. Qty. Select	999	9,999
Copy Resolution (dpi)	9,600 (equivalent) x 600	9,600 x 600
Zoom Range	25-400%	25-400%

Manufacturer	Sharp	Samsung
Model	MX-3110N / MX-2610N	CLX-9350ND
<b>Document Feeder</b>	<b>Std</b>	<b>Std</b>
Type	RSPF	RADF
Capacity	100 sheets	100 sheets
Paper weight	1-sided: 35 - 128	1-sided: 43 - 160
<b>Network Printer</b>	<b>Std</b>	<b>Std</b>
Print/min. (ppm)	31   26	35
Print Resolution (dpi)	1,200 x 1,200	600 x 600
Postscript	Opt	Std
PCL	Std (PCL6)	Std (PCL6/5c)
XPS	Opt	Std
Printer Std. Mem.	3 GB (shared)	1 GB (shared)
Printer Max. Mem	4 GB (opt 1 GB)	2 GB (shared)
Gigabit Ethernet	Std	Std
USB	Std	Std
<b>Fax</b>	<b>Opt</b>	<b>Opt</b>
Type	Super G3	Super G3
PC-Fax	Opt	Std
i-Fax	Opt	Std
Fax Broadcast	500	500
<b>Network Scanning</b>	<b>Std</b>	<b>Std</b>
Resolution (dpi)	600	600
Scan Speed (B/W/ Col)	50	60
Destinations	HDD, USB, PC, SMB, email, FTP, TWAIN	Email, SMB, FTP, I-Fax, HDD, TWAIN
Functionality	Sharpdesk	Samsung SmarThru Office
<b>Finishing</b>	<b>Opt/Opt</b>	<b>Opt/Opt</b>
No of Finisher Sheets	500/1,000	1,250/3,250
Sheets Stapled	50	50
Saddle stitch	No/Yes	No/Yes
Hole Punch	No/Yes	No/Yes

Strengths of MX-3110N / MX-2610N	Strengths of Samsung CLX-9350ND
<ul style="list-style-type: none"> <li>✓ Std document filing</li> <li>✓ More max paper cassettes</li> <li>✓ Higher paper capacity (max)</li> <li>✓ Lighter paper support (bypass and document feeder)</li> <li>✓ Heavier paper support (bypass)</li> <li>✓ Faster warm up time</li> <li>✓ More memory</li> <li>✓ Smaller footprint</li> <li>✓ Faster first copy time (B/W and colour)</li> <li>✓ Higher print resolution</li> </ul>	<ul style="list-style-type: none"> <li>✓ More std paper cassettes</li> <li>✓ Higher paper capacity (std)</li> <li>✓ Heavier paper support (trays and document feeder)</li> <li>✓ Larger HDD</li> <li>✓ Longer toner life (B/W)</li> <li>✓ Faster output</li> <li>✓ More max qty select</li> <li>✓ Std PS and XPS</li> <li>✓ Faster scan speed (B/W)</li> <li>✓ Higher capacity finisher</li> <li>✓ Std PC-Fax and i-Fax</li> </ul>



## Specifications

### ■ Basic Specifications

Controller Board		
CPU	ARM11 600 MHz ARM9 400 MHz	
PCL accelerator	MPC8535 Power QUICC e500: 1250 MHz	
Interface		
IEEE1284 Parallel	No	
Ethernet	1 port	
	Interface	10Base-T, 100Base-TX, 1000Base-T
	Support Protocol	TCP/IP (IPv4, IPv6), IPX/SPX, Ether Talk, NET BEUI
USB 2.0 (high speed) (Host) * The USB will be disabled by the Sim.	2 port (Front/ Rear)	
USB 2.0 (high speed) (Device)	1 port	
USB-HUB (Host)	Internal: 4 ports (Port 3 and 4 are for internal use) 1) For front USB port 2) For rear USB port	
Memory slot	4 (2 empty slot)	
Noise Emission		
Sound power level Lw/Ad	MX-3110N: 76 dB MX-2610N: 73 dB	
Power Consumption		
Maximum rated power consumption	1.84 kW (200 to 240 V)	
TEC value specified by New International Energy Star	MX-3110N: 2.3 kWh MX-2610N: 2.0 kWh	

Operation Panel (Colour LCD: 10 inch WSVGA)	
Form	Dot matrix LCD, touch panel
Display dot number	1,024 x 600 dots (W-SVGA)
LCD Drive Display Area	222.72 x 125.28 mm
LCD backlight	LED, backlight method
LCD contrast adjust	Yes
Angle/position adjustment	Yes (Tilt mechanism)

Document Glass (Platen)			
Scan resolution (Copy Mode)		B/W	Colour
	Original cover	600 x 600 dpi/ 600 x 400 dpi/ 600 x 300 dpi (Default)	600 x 600 dpi
	RSPF	600 x 600 dpi / 600 x 400dpi (Default)	600 x 600 dpi
Exposure lamp	White LED		

RSPF (Reversing Single Pass Feeder)			
Scan speed		B/W (A4)	Colour (A4)
Copy	1-sided:	50 sheets/minute (600 x 400 dpi) 36 sheets/minute (600 x 600 dpi)	36 sheets/minute (600 x 600 dpi)
	2-sided:	20 pages/minute (600 x 400 dpi) 17 pages/minute (600 x 600 dpi)	17 pages/minute (600 x 600 dpi)
Fax /Internet Fax	1-sided:	50 sheets/minute (200 x 200 dpi)	N/A
	2-sided:	20 pages/minute (200 x 200 dpi)	
Scanner	1-sided:	50 sheets/minute (200 x 200 dpi)	50 sheets/minute (200 x 200 dpi)



	2-sided:	20 pages/minute (200 x 200 dpi)	20 pages/minute (200 x 200 dpi)
Document setup direction	Upward standard (1toN feeding standard)		
Document standard location	Centre standard (Rear one-side standard for random feeding)		
Document transport method	Sheet-through method		
Document sizes	AB type -1, 2, 4, 5: A3, B4, A4, A4R, B5, B5R, A5 AB type -3: B4, A4, A4R, A5		
Document weights	1-sided: Thin paper: 35 - 49 g/m <sup>2</sup> Plain paper: 50 - 128 g/m <sup>2</sup> *Thin paper mode (39 sheets/minute (600 x 400 dpi), 26 sheets/minute (600 x 600dpi), A4 is set up for the thin paper 2-sided: 50 - 105 g/m <sup>2</sup>		
Document carrying capacity	Maximum: 100 sheets (80 g/m <sup>2</sup> ), or maximum: 13 mm		
Types of document that may not be transported	OHP, second original drawing, tracing paper, carbon paper, thermal paper, wrinkled / broken / torn document, document with cuts and pastes, documents printed by an ink ribbon, and perforated document except 2-punched / 3-punched (Perforated document by punch unit is allowed.)		
Paper detection	Yes		
<b>Paper Input</b>			
Details on Tray 1 (feeding 500 sheets)			
Paper size	A3, B4, A4, A4R, B5, B5R, A5R, 8K,16K,16KR		
Changing of paper size	Switched by users		
Paper type setting	Yes		
Default paper size setting	A4		
Paper type/weight	Plain paper: 60 – 105 g/m <sup>2</sup> , Heavy Paper 106 – 209 g/m <sup>2</sup>		
Paper capacity	500 sheets (80 g/m <sup>2</sup> )		
Paper type	Plain paper, pre-printed paper (not including backing paper), recycled paper, letterhead, pre-punched paper, coloured paper, heavy paper Users can set up all of these paper types.		
Paper size detection	Manually detect: A3, B4, A4, A4R, B5, B5R		
Detection of remaining paper	Level detection (None and 3 levels: 100%, 67%, 33%, and none)		
<b>Bypass</b>			
Paper Size	A3W, A3, B4, A4, A4R, B5, B5R, A5R, 8K,16K, 16KR Envelope (Monarch/ Com-10/ DL/ C5) Custom Size (Tab paper is limited to A4; tab width12 mm - 20 mm)		
Changing of paper size	Auto		
Paper type setting	Yes		
Paper type/weight	Thin Paper: 55 – 59 g/m <sup>2</sup> Plain paper: 60 – 105 g/m <sup>2</sup> Heavy Paper: 106 – 256 g/m <sup>2</sup> Envelope: 75 - 90 g/m <sup>2</sup> Postcard, OHP, Label Paper, Tab Paper, Glossy Paper		
Paper capacity	Standard paper	100 sheets	
	Postcard	20 sheets	
	Envelope	20 sheets	
	OHP	20 sheets	
	Heavy paper	40 sheets	
	Tab paper	20 sheets	
	Glossy paper	1 sheet	
	Other special paper	1 sheet	
Paper type	Plain paper, pre-printed paper, recycled paper, letter head, pre-punched paper, coloured paper, heavy paper, thin paper, label paper, OHP, tab paper, postcard, envelope, glossy paper. Users can set up all of these paper types.		
Paper size detection	Auto detect: A3W, A3, B4, A4, A4R, B5, B5R, A5R		





## ■ Peripheral Devices specifications

Stand with 500-Sheet Paper Drawer (MX-DE12)		
Paper sizes	A3, B4, A4, A4R, B5, B5R, A5R, 8K, 16K, 16KR	
Paper type/weight	Plain paper: 60 - 105 g/m <sup>2</sup> Heavy paper: 106 - 209 g/m <sup>2</sup>	
Paper capacity	500 sheets (80 g/m <sup>2</sup> )	
Paper types	Plain paper, pre-printed paper (not including backing papers), recycled paper, letterhead, pre-punched paper, coloured paper, and heavy paper. Users can set up these types of paper.	
Detection of paper size	Auto detection Auto-AB	A3, B4, A4, A4R, B5, B5R
Dimensions	W 583 x D 577 x H 382 mm	
Weight	Approx. 21 kg	

Stand with 2 x 500-Sheet Paper Drawer (MX-DE13)		
Paper sizes	A3, B4, A4, A4R, B5, B5R, A5R, 8K, 16K, 16KR	
Paper type/weight	Plain paper: 60 - 105g/m <sup>2</sup> Heavy paper: 106 - 209 g/m <sup>2</sup>	
Paper capacity	500 sheets x 2 (80 g/m <sup>2</sup> )	
Paper types	Plain paper, pre-printed paper (not including backing papers), recycled paper, letterhead, pre-punched paper, coloured paper, and heavy paper. Users can set up these types of paper.	
Detection of paper size	Auto detection Auto-AB	A3, B4, A4, A4R, B5, B5R
Dimensions	W 583 x D 577 x H 382 mm	
Weight	Approx. 23 kg	

Stand with 3 x 500-Sheet Paper Drawer (MX-DE14)		
Paper sizes	A3, B4, A4, A4R, B5, B5R, A5R, 8K, 16K, 16KR	
Paper type/weight	Plain paper: 60 - 105 g/m <sup>2</sup> Heavy paper: 106 - 209 g/m <sup>2</sup>	
Paper capacity	500 sheets x 3 (80 g/m <sup>2</sup> )	
Paper types	Plain paper, pre-printed paper (not including backing papers), recycled paper, letterhead, pre-punched paper, coloured paper, and heavy paper. Users can set up these types of paper.	
Detection of paper size	Auto detection Auto-AB	A3, B4, A4, A4R, B5, B5R
Dimensions	W 583 x D 577 x H 382 mm	
Weight	Approx. 29 kg	

Large capacity tray (MX-LC11)	
Paper sizes	A4, B5
Paper type/weight	Plain paper: 60 - 105 g/m <sup>2</sup>
Paper capacity	3,500 sheets (80 g/m <sup>2</sup> )
Paper types	Plain paper, pre-printed paper (not including backing papers), recycled paper, letterhead, pre-punched paper, and coloured paper. Users can set up these types of paper.
Detection of paper size	A4, B5 *Detection size can be set by simulation.
Dimensions	W 370 x D 575 x H 519.5 mm
Weight	Approx. 29.2 kg


**Exit Tray Unit (MX-TR12)**

Tray capacity	100 sheets with 80 g/m <sup>2</sup>
Ejected paper size/ Type	Any paper except envelope, tab paper, and glossy paper
Dimensions	W 492 x D 416 x H 113 mm
Weight	Approx. 1.06 kg

**Exit Tray Cabinet Unit (MX-TU12)**
**Inner Finisher (MX-FN17)**

Ejectable paper size	A3W, A3, B4, A4, A4R, B5, B5R, A5R, Envelope(Monarch / Com-10 / DL / C5)	
Paper type/weight	Thin paper: 55 – 59 g/m <sup>2</sup> Plain paper: 60 - 105 g/m <sup>2</sup> Heavy paper: 106 – 256 g/m <sup>2</sup>	
Mode type	Non-stapled, stapled	
Paper sizes allowed for offset	A3, B4, A4, A4R, B5	
Offset quantity	30 mm	
Stored sheets (for ejection)	Non-stapled: 500 sheets (MAX 71 mm) A4, A4R, B5, B5R, A5R 250 sheets (MAX 35.5 mm) A3W, A3, B4  Stapled: 30 bundles or 500 sheets (MAX 71 mm) A4, A4R, B5 30 bundles or 250 sheets (MAX 35.5 mm) A3, B4	
Sizes allowed for stapling	1-point at front (Flat)	A3, B4, A4, A4R, B5
	1-point at back (Flat)	A3, B4, A4, A4R, B5
	2-point stitching	A3, B4, A4, A4R, B5
Number of sheets to be stitched	50 sheets (80 g/m <sup>2</sup> ) Stapling a mixture of types/sizes: 30 sheets *Staple a mixture of types/ sizes (same width) is available.	
Dimensions	W 428 x D 593 x H 198 mm	
Foot print dimensions	195 mm extended from the left side of the main unit	
Weight	Approximately 12 kg	

**Punch Unit (MX-PN11A/C/D)**

Punch type	2 holes / 4 holes / 4 holes (wide) A punch unit that provides all of these 3 types can be installed.	
Punchable paper size	2 holes	A3, A4, A4R, B4, B5, B5R
	4 holes	A3, A4
	4 holes(wide)	A3, A4, A4R, B4, B5, B5R
Paper weight	55 – 256 g/m <sup>2</sup> (not guaranteed over 129 g/m <sup>2</sup> )	
Dimensions	W 98 x D 477 x H 137 mm	
Weight	Approx. 3 kg	



Saddle Finisher (MX-FN10)		
Ejectable paper size	A3W, A3, B4, A4, A4R, B5, B5R, A5R, Envelope(Monarch / Com-10 / DL / C5)	
Paper type/weight	Thin paper: 55 – 59 g/m <sup>2</sup> Plain paper: 60 - 105 g/m <sup>2</sup> Heavy paper: 106 – 256 g/m <sup>2</sup>	
Mode type	Non-stapled, stapled, saddle stitch/ bi-folding	
Paper sizes allowed for offset	A3, B4, A4, A4R, B5, B5R	
Offset quantity	Paper width: 196 mm or more: 30 mm 195 mm or less: 20 mm	
Stored sheets (for ejection)	Non-stapled: 500 sheets (MAX 94 mm) A3W*, A3, B4 1,000 sheets (MAX 175 mm) A4, A4R, B5, B5R. A5R * Not guaranteed 101 pages or more of A3W. Stapled: 50 bundles or 500 sheets (MAX 94 mm) A3, B4 50 bundles or 1,000 sheets (MAX 175 mm) A4, A4R, B5, B5R	
Sizes allowed for stapling	1-point at front (Flat)	A3, B4, A4, A4R, B5, B5R
	1-point at back (Flat)	A3, B4, A4, A4R, B5, B5R
	2-point stitching	A3, B4, A4, A4R, B5, B5R
Number of sheets to be stitched	50 sheets (80 g/m <sup>2</sup> ) Stapling a mixture of types/sizes (same width) is available.	
Saddle stitch method	2-point centre stitch and bi-folding	
Number of paper to be stitched	15 sheets ( 1 sheet of 209g/m <sup>2</sup> + 9 sheets of 80 g/m <sup>2</sup> )	
Loading number for saddle stitch	1-5 sheets: 20 bundles 6-10 sheets: 15 bundles 11-15 sheets: 10 bundles	
Dimensions	W 497 x D 631 x H 988 mm	
Foot print dimensions	661 mm extended from the left side of the main unit	
Weight	Approximately 40 kg	

Paper Pass Unit (MX-RB10)	
Dimensions	W 546 x D 504.5 x H 202.7 mm
Weight	Approximately 5.7 kg

Punch Unit (MX-PNX5A/C/D)		
Punch type	2 holes / 4 holes / 4 holes (wide) A punch unit that provides all of these 3 types can be installed.	
Punchable paper size	2 holes	A3, B4, A4, A4R, B5, B5R
	4 holes	A3, A4
	4 holes(wide)	A3, A4, A4R, B4, B5, B5R
Paper weight	55 – 256 g/m <sup>2</sup> (not guaranteed over 129 g/m <sup>2</sup> )	
Dimensions	W 122 x D 604 x H 248 mm	
Weight	Approx. 3.5 kg	

PS3 Expansion Kit (MX-PK11)	
	Activated by product key
Bundled Item	Product key sheet / CD-ROM / Application number (Pasted on the product key sheet)
CD-ROM	PS screen font (for Windows / Mac)


**XPS Expansion Kit (MX-PUX1)**

Packaged items	CD-ROM Installation manual (Described the product key information)
Included software in the CD-ROM	XPS driver Installer

**Expansion Memory Board (MX-SM10)**

Memory Module	DDR2-SODIMM
Number of Pins	200
Memory Amount	1 GB
Parity Check	Non-ECC

**Fax Expansion Kit (MX-FX11)**

Bundled Items	Fax box/ Modular cord/ Connect parts/ CE Document sheet
Outer colour	Warm white
Dimension (W x D x H)	192 x 52 x 215 mm
Weight	Approx. 1 kg

**Barcode Font Kit (MX-PF10)**

	Activated by product key
Bundled items	Product key sheet / CD-ROM / Installation manual in the above CD-ROM (English / French / Germany / Italian / Swedish) Application number (Pasted on the product key sheet)
Barcode data	Barcode data is already implemented in main unit
CD-ROM	Barcode font for Windows

**Stamp Unit (AR-SU1)**
**Enhanced Compression Kit (MX-EB11)**

Overview	The following function can be supported when board is equipped. <ul style="list-style-type: none"> <li>High compression PDF</li> </ul>
Bundled Items	ACRE board

**Internet Fax Expansion Kit (MX-FWX1)**

Packaged items	Product key sheet (Internet Fax) Internet Fax CD-ROM
Included software in the CD-ROM	Internet Fax expansion tool

**Sharpdesk License Kit (MX-USX1, USX5, US10, US50, USA0)**

1 license	MX-USX1
5 licenses	MX-USX5
10 licenses	MX-US10
50 licenses	MX-US50
100 licenses	MX-USA0

**Application Integration Module (MX-AMX1)**

Packaged items	Instruction manual Product key sheet Sharpdesk CD-ROM Sharpdesk installation guide Sharpdesk serial number (Sharpdesk 1 license, pasted on the product key sheet)
Included software in the CD-ROM	Same as Sharpdesk CD-ROM in the Main Unit



<b>Application Communication Module (MX-AMX2)</b>	
Packaged items	Instruction manual Sharp OSA Utility CD-ROM Application number (pasted on the instruction manual)
Included software in the CD-ROM	Sharp OSA Utility

<b>External Account Module (MX-AMX3)</b>	
Packaged items	Instruction manual Sample application CD-ROM Application number (pasted on the instruction manual)
Included software in the CD-ROM	Sharp OSA Utility

<b>Data Security Kit non-CC Version (MX-FR30U)</b>	
Packaged items	Firmware (FLASH ROM) Instruction manual CD-ROM Product key sheet Application number (pasted on the product key sheet) USB memory
Instruction manual	American English/ German/ French/ Spanish/ Italian/ Dutch/ Swedish/ Norwegian/ Finnish/ Danish/ Czech/ Polish/ Hungarian/ Greek/ Portuguese/ Slovak/ Russian/ Turkish

<b>Keyboard (MX-KB11)</b>	
Bundled items	Keyboard unit

<b>Mirroring Kit (MX-EB12)</b>	
Bundled items	RAID board 1 HDD (160 GB)

<b>Web Browsing Expansion Kit (MX-AM10)</b>	
	Activated by product key. Access webpage through MFP operation panel.
Bundled items	CD-ROM Product key sheet

<b>Sharp OSA-NST License Kit (MX-UN01A, UN05A, UN10A, UN50A, UN1HA)</b>	
1 license	MX-UN01A
5 licenses	MX-UN05A
10 licenses	MX-UN10A
50 licenses	MX-UN50A
100 licenses	MX-UN1HA



## ■ Functions

Copy Function		
	B/W	Colour
First copy (original cover)	MX-3110N: 5.8 seconds MX-2610N: 5.9 seconds	MX-3110N: 7.9 seconds MX-2610N: 8.1 seconds
* Best achieved time based on A4 copy, long-edge feeding from 1 <sup>st</sup> paper drawer, when machine is ready, without Auto Colour Mode and Auto Colour Selection. May vary depending on machine conditions and operating environment		
First copy (RSPF)	9.1 seconds	11.6 seconds
Serial copy	999 pages	
Copy ratios	Same size: 1:1±0.8% AB type: 25%, 50%, 70%, 81%, 86%, 100%, 115%, 122%, 141%, 200%, 400%	
Zoom	25 – 400% (25 – 200% for RSPF)	
Preset magnification ratio	4	
XY zoom	Yes	
Colour tone enhancement	Effective for Text, Text/Printed photo, Printed photo, Text/Photo, Photo, Map, Pale-colour document	
Manual steps	9 steps	
Toner save mode	B/W: Yes Colour: Yes Off on Printed photo, Photo, or Pale-colour document. Sim setting: 3 steps + office mode is not supported.	
RGB adjustment	Yes	
Colour balance	Yes	
Saturation adjustment	Yes	
Brightness adjustment	Yes	
Contrast adjustment	No	
Sharpness adjustment	Yes	
Background removal	Yes	
Auto colour calibration	Allowed by system settings	
Registration adjustment	Allowed by system settings	
Automatic paper selection	Yes {Mixed size original (Same width/ Different width) supported}	
Automatic magnification selection	Yes {Mixed size original (Same width/ Different width) supported}	
Paper type select	Yes Type setting allowed	
Auto tray switching	Yes	
Rotated copy	Yes Large rotated copy exceeding A4 supported Supported rotated copy on APS/AMS OFF.	
Electronic sort	Yes	
Rotated sort	No	
Job reservation	Yes (99)	
Tray installation priority	Yes	
Program call / registration.	Yes (48) (Program name registration to be examined)	
Document paper size input	Yes (Document size registration)	
Indeterminate paper size input	Yes (Intermediate paper size registration)	
2-sided copy direction switch	Yes (Make possible to switch on 2-sided to 1-sided.	
Preview function	Yes (Deletion inside/outside specified range, Switching CL from BW print of each specified page)	





Copy Function		
Notification sound of finished copy job		Yes (Support by soft-SW)
Stop copy when no original		Yes (Support by soft-SW)
Number of copies setting according to page (Number of copies setting of each originals)		Support by function flow
Displaying number of scanned original		Yes
Margin shift		Yes (Right/ Left/ Upper)
Edge/centre, centre + edge/ side erase		Yes
Dual page copy		Yes
Pamphlet copy		Yes
Job build		Yes (Setting change items of each bunch)
Tandem copy		Yes (via network)
Cover/insertion		Yes
Tab paper insertion		Yes (Combination with tab copy)
Transparency inserts		Yes (Inserted paper is automatically selected.)
Multi shot		Yes. 2 in 1, 4 in 1, 8 in 1. (Support expansion setting that multi shot excludes head page. Support combination of pamphlet copy and multi shot. (2 in 1/ 4 in 1 only.) (Borderline, centering, page printing per original page)
Book copy		Yes
Tab copy		Yes
Card shot		Yes
Stamp	Date print	Yes
	Text print	Yes
	Stamp	Yes
	Page print	Yes
	User stamp	Yes (preset, Support custom user stamp.)
	Watermark	Yes (preset, Support custom watermark.)
Image edit	Photo repeat	Yes
	Multi-page enlargement	Yes Crop mark printing supported. Support enlargement from A type to B type / B type to A type.
	Mirror image	Yes
	A3 full bleed	Yes
	Centering	Yes
	B/W reverse	Yes(B/W copy only/ Colour copy impossible) (UK: not supported)
Colour adjustment	RGB adjustment	Yes
	Sharpness	Yes
	Suppress background	Yes
	Colour balance	Yes
	Brightness	Yes
	Intensity	Yes
Quick file		Yes
Filing		Yes
Proof copy		Yes



Copy Function	
Original count	Yes
Mixed original	Yes (Same width + Different width) Can be combined with the AMS/ APS function.
Slow scan	Yes
Skip blank page	Yes (Supported with DF and original glass)
Repeat layout	Yes (Indeterminate size and position matching function)
Book division	Yes
Move	Yes
Document control	Yes (When the Data security kit is installed.)
Woven pattern copy	Yes (Combination with document control)
Attached track information	Yes

Printer Functions			
Supported Windows OS	Windows 2000 / XP / Server 2003 / Server 2003 x64 / XP x64 / Server 2008**/ Server2008 x64/ Vista / Vista x64/ Windows 7/ Windows 7 x64 * Drivers(GPD files) are not included in CD-ROM. (WEB only) ** After getting WHQL certificate, it is bundled within CD-ROM.		
	Mac OS 9.0-9.2.2*/ Mac OS X 10.2.8* /10.3.9*/ 10.4.11 / 10.5-10.5.8 /10.6.2 – 10.6.5		
Printer Functions	Content	PCL	PS3 (Opt)
Multiple Pamphlet	Binds multiple pamphlet outputs into a single booklet.	Yes	Yes
Barcode font	JetCAPS BarDIMM emulation	Yes	No
Network tandem print	Two units connected via network can be used simultaneously for a printout.	Yes	Yes (Windows only)
Windows Cluster Print	When a Windows server breaks down, a mirror server takes over and executes the suspended print job. There may be colour differences between machine types	Yes	Yes (Windows only)
Encryption PDF/ PDF/ TIF / JPEG/ XPS direct print	PDF*1/ TIFF/ JPEG/ XPS file can be printed without printer driver. (1) Printing of e-mail attachment file (2) Printing from FTP/SMB server (3) Printing from setup file on Web page (4) USB memory - Support 4bit, preview (Thumbnail), remainder amount display. *1 Not support thumbnail. Possible to preview by entering password.	Yes (Not for encrypted PDF/PDF)	Yes
N-up printing when direct printing	Possible to N-up setting when direct printing	Yes	Yes
Disabling setting of USB/SMB direct printing	Make disabling setting of USB/SMB direct printing.	Yes	Yes
Support original kind of selection when direct	Possible to select original kind of selection when direct printing. For example, in the case of glass paper print from USB.	Yes	Yes
Feeding tray setting when direct printing	Possible to select feeding tray when direct printing	Yes	Yes
E-Mail To Print	Direct printing of an attached file upon receipt of the e-mail. (See (1) above)	Yes	Yes
Pull print from front panel	Browsing of FTP server from front panel and pull-printing of a specified file (direct printing). (See (2) above)	Yes	Yes
USB PULL print	Browsing of print data (including sub-folder) in USB from front panel and pull-printing of a specified file. (See (4) above)	Yes	Yes



SMB PULL print	Browsing of SMB (Network Fonder) on the network from front panel and pull-printing of a specified file. (See (2) above)	Yes	Yes
FTP PUSH print	Forwarding the data from a client PC to a MFP server and pull-printing of a specified file (direct printing). (See (2) above)	Yes	Yes
Print by file setup on Web page [Web Submit Print]	Setting and direct printing of a file on network through Web page. (See (3) above)	Yes	Yes
Continuous print function	The function executes multiple print jobs continuously as if they are one single job even if the unit receives an end of job command to support print from the application assuming printout on continuous pages.	Yes	Yes
ROP	The function enables the printout of a multiple number of copies in one RIP processing.	Yes	Yes
Multi-access	RIP processing must be allowed during printing. Printing must also be allowed during scanning.	Yes	Yes
Paper direction setting for 2-sided printing of letterhead paper and pre-punched paper. (Logo paper print supported)(SEGA AOK Corporation)	Pages with front-back attribute such letterhead or punch paper are to be printed correctly in front-back page order for 2-sided printing.	Yes	Yes
Enable Selected Paper Type/Size in Bypass Tray	For setting of Bypass tray, even if the setup values on the main unit side do not match with those on the driver side, the printing will be executed in the setting of the driver regardless of the setup values on the main unit side.	Yes	Yes
Setting environmental control under terminal server control	Print setting of each client is memorized under terminal service of server OS and Citrix Xen App (Presentation Server4.5, Xen App 5.0) environment. (Setup for each log-in can be skipped.)	Yes	Yes
Driver delivery function	SRDM allows the administrator to deliver a driver to clients. Or enables delivery installation by using MSI.	Yes	Yes
Form overlay	The function downloads a form to the main unit beforehand, sends the contained data only, and inserts the data into the form in the main unit for printout.	No	No
Planet Press	Object Lune Corporation's Planet Press (Software to execute the mapping of forms (DL beforehand) and variable data in the printer interior)	Yes	Yes
Improve the download method of font/form	Enhance the editing function on the Web page. • Deletion of each font/form. (Can be performed on the Web page and with PDL command) • Prevent overwriting of font/form (Can be performed on the Web page and with PDL command) This function is supported in the HDD.	No	Yes
Expansion font list	Perform self-printing of a font list. In PCL5e, ESC command information is needed for BITMAP font.	No	Yes
Support human readable barcode	Possible to attach and output of human readable barcode	TBD (Separately supported)	TBD (Separately supported)
Bonjour for Macintosh environment	This technology detects and connects peripheral equipment on the network automatically. The dynamic network connection (computer, peripheral equipment and software) is possible without user setting.	No	Yes



Document control	Print the document with a fixed pattern to avoid illegal copy.	Yes (OPT)	Yes (OPT)
Object judgment (screen change / colour change)	In the printer colour mode output, object of image data (area of photograph / graphic text) is judged. Print screen (resolution) and profile (colour) are changed automatically.	Yes	Yes
CMYK simulation	Choice of CMYK simulation is as follows. 1. Default 2. Japan Colour 3. SWOP 4. Euroscale 5. Custom The operation when "Default" is selected is the same as the MX-2700 / 2300. Custom profile can upload by Web setting. Notation of driver is Custom. Example: - Use DIC authorization profile. When using SWOP profile in Japan.	No	Yes
Control image profiles	Profile selection function USB download Storing multi-profile to HDD ICC profile (service web) Exclusive use of normally profile A/B/C	Yes	Yes
Filter function on driver	Image processing filter	TBD	TBD
ICC Profile	<Source Profile> Choice of source profile is as follows. 1. Gamma 2.2 2. Gamma 1.8 3. Gamma 2.0 4. Gamma 1.6 5. Gamma 3.0 6. Gamma 2.6 7. Custom (N/A for SAPL-c) <Output Profile> There is no user selection for output profile. Sharp provides Custom profile. Upload of profile is supported by service. The tool can be set on the Web (service setting). The concrete method of profile making is to be considered separately.	Yes	Yes
Pantone colour	For Pantone colour support, the profile upload can be made by Web setting. The detail of Pantone support is decided by the license agreement with Pantone co.	No	Yes
Layout print	Layout supporting various printing applications.	Yes	Yes
Binding with no line	To prevent bound pages from becoming thick, saddle stitch printing is performed for a small number of pages.	No	No
Chapter inserts	Insert blank page automatically to entering 1 <sup>st</sup> page of each chapter to odd page.	Yes	No
2-colour printing	Print by black and either of C, M, Y, R, G, or B colour.	*1	No
Expansion of margin shift	In the current model, the margin shift width setting value can be changed per 10 mm. Change from 10 mm to 1mm.	Yes	Yes
Saddle staple support	In the current model, imposition of images and stapling are performed in saddle stitch printing. However imposition is sometimes already performed in the application etc. Therefore, the specification of saddle staple only is added.	Yes	No
WSD support	For premium logo. (Discovery function for printer)	Yes	No



90 degrees rotation function	Even if paper is set to different direction, print with 90 degrees image rotation automatically when printing image is matched paper size. (However, cannot change direction during job)	Yes	Yes
Spool display	Show jobs that will be spooled in HDD before ripping printer jobs.	Yes	Yes
Long original print	Print long size original. (max.1,200 mm) (supported by Sim.)	*1	*1
Woven pattern print	When printing confidential documents, print copy controlled character such as "Copy prohibition" as woven pattern behind the original	Yes	No
Job cancel at Auto job control review	User can cancel the job at Auto job control review dialog.	Yes	Yes
Dialog display when user authentication	In the case of user authentication, display dialog of login name/ password before printing.		
A0 & A1 fit page	Print A0&A1 data into A4 or Letter size.	Yes	No
Page interleave	This function is used to interleave each printed page with an identical insert page. To use this function, it's necessary to use the "Overlay" function to prepare an insert page file.	Yes	Yes
Use driver to render JPEGs	In case of having JPEG image in the original document, user can select whether printer driver or MFP to render JPEG image.	Yes	Yes
Print position	This function is to adjust print position of odd and even page of document separately. (adjust per 1 mm)	Yes	No
Print number of page when N-up printing	Print number of page on not only each original but also each output.	No	No
Expansion of N-up printing	For example, in the case of 5 page documents, normal print only 1 <sup>st</sup> page, and remaining pages are N-up printing. (can be 2-sided.)	Yes	No
N-up support when pamphlet print	For example, print presentation documents by 2-up and pamphlet layout.	Yes	No
Repeat printing of indeterminate size.	Repeat indeterminate size original with automatically reduction.	Yes	No
Print policy	To limit operation by user level, function to turn on some items mandatory. Refer below about item which is limited. And design consideration of can support additional demand.	Yes	No
	Always use user authentication	Yes	No
	Always use retention	Yes	No
Toner save mode	Toner save mode (3 steps)	Yes	Yes
RET support	Support RET (resolution enhancement techniques)	Yes	Yes
Trapping	Function to prevent outline of character from dropping out black colour.	Yes	Yes
Sharpness	Can be switched 5 steps. (Sharp: 2 steps, Soft: 2 steps)	Yes	Yes
Register user stamp from driver	Save and register the image used by user stamp by using printer driver.	TBD	TBD
Function flow write	Print + Send feature. Possible to direct the sending from the printer driver.	Yes	No

\*1: To be supported separately.



Image Send Function	Sub Mode		
Scanner	Scan to E-mail/ Scan to FTP server*/ Scan to SMB*/ Scan to Desktop/ Scan to USB memory * Possible to hyperlink.		
Fax	-		
Internet Fax/ Direct SMTP	-		
Mode	Scanner	Internet Fax/Direct SMTP	Fax
File format	B/W: TIFF, PDF, PDF/A, Encrypted PDF, XPS Colour/Grayscale: Colour TIFF, JPEG, PDF, PDF/A, Encrypted PDF, Compact PDF (with MX-EB11 installed), XPS	B/W: TIFF-FX (TIFF-F / TIFF-S) Colour/Grayscale: TIFF-C	---
Image Processing			
Mode	Scanner	Internet Fax/Direct SMTP	Fax
Original scanning colour	Full colour, Grayscale Black-white	Black-white	
Auto colour selection	Yes	---	
Halftone reproduction	Equivalent of 256 steps		
Density adjustment	Auto Manual: 5 steps	Auto Manual: 5 steps	
*Original type (Can be selected when "Manual" is set) - Text / Printed photo - Text / Photo - Text - Photo - Printed photo - Map			
Magical scan (Area division + Suppress Background)	Yes	---	
Selection of image quality	---	Half tone (Black-white only) ON/OFF	
Resolution (depends on file format / transmission method)	100 x 100 dpi	200 x 100 dpi (Half tone not allowed)	Standard (203.2 x 97.8 dpi) (Halftone not allowed)
	150 x 150 dpi	---	---
	200 x 200 dpi	200 x 200 dpi	Fine (203.2 x 195.6 dpi)
	300 x 300 dpi	200 x 400 dpi	Super fine (203.2 x 391 dpi)
	400 x 400 dpi	400 x 400 dpi	Ultra fine (406.4 x 391 dpi)
	600 x 600 dpi	600 x 600 dpi	---
Moire reduction mode	No	---	
CPT (notes) security)	Yes	---	
Drop out colour	Yes	---	
Sharpness	5 steps	---	
Contrast	Yes	---	





Specification of Addresses			
Mode	Scanner	Internet Fax/Direct SMTP	Fax
Address setting	<ul style="list-style-type: none"><li>• One-touch</li><li>• Group key</li><li>• Direct address</li><li>• Selection from LDAP server</li><li>• Entry from externally-connected keyboard</li></ul> <Direct address setting mode> <ul style="list-style-type: none"><li>• e-mail</li><li>• Internet Fax (including Direct SMTP)</li><li>• Fax</li></ul>		
Scan to Me	Yes	---	
Setting of default addresses*	Yes * The default address setting is available in Scanner mode. To transmit data, users only have to set the original and press the start key.	---	
Number of one-touch key registration	Total: 2,000 addresses		
Number of Group (1 key) address registration	Number of Group (1 key) address registration: maximum 500 Number of Group key registration of direct entry: 5,000 (Total address number included in 2,000 key)		
Program	48 (Group/Individual)		
Direct entry of addresses	Entry using soft keyboard or an external keyboard		Entry by 10-key, # key, *key
Resend	Call up nearest 50 addresses sent		
Destination confirmation	---		Yes
Speed dial	Use the 10-key to call up registered number of addresses		
CC / BCC sending	Yes	---	
Subject	Select/direct entry from the list (80 one-byte/two-byte character, Number of list: 30)		---
File name	Select*/direct entry from the list (80 one-byte/two-byte character, Number of list: 30)		---
Reply-to	Select/direct entry from the list, selective from the LDAP server	--- Default is 1 as own name.	
Transmission message (message body)	Yes		---
Transmission message selection	Select/direct entry from the list		---
Number of letters of transmission message	Up to 1,800 one-byte character (900 two-byte character)		---
Preset mail footer	Yes Function to set up a text message that will be added automatically to the message body upon e-mail transmission. Editing upon transmission is not allowed.		---
Disable registering Destination from operation panel	Yes		
Disable registration destination on Web page	Yes		
Disable registration using the network scanner tool	Yes	---	
Disable Resend on Fax/Image Send mode	Yes		



Disable selection from the address book	Yes		
Disable direct entry	Yes		
Disabling PC-Internet FAX sending	---	Yes	---
Disabling PC- FAX sending	---		Yes
Specification of Multiple Addresses			
Mode	Scanner	Internet Fax Direct SMTP	Fax
Broadcast	Yes (E-mail/ FTP/ Desktop/ SMB) (500 destinations)		
Sequential broadcast Transmission request	---		Yes
Transmission Functions			
Mode	Scanner	Internet Fax/Direct SMTP	Fax
Memory transmission	94 destinations in all		
On-hook	---		Yes
Quick online transmission	---		Yes
Direct transmission (Switching: <-> Direct transmission)	---		Yes
Auto reduction sending	---		Yes
Rotation sending	---	Yes	
Scaled transmission	Yes Enlargement/reduction is allowed only from a fixed size		
Re-send	E-mail/FTP/SMB/Desktop/Broadcasting are excluded.		
Recall mode	---	I-FAX: Only the number of times is set. DSMTP: the number of times/ Time is set in the System settings.	Yes
	Error	---	Yes
	Busy	---	Yes (D-SMTP)
Long original transmission	Yes Maximum of 1,000 mm (1-side only/ B/W2-levels)	Yes Maximum of 1,000 mm (1-side only/ B/W2-levels)	Yes Maximum of 1,000 mm (1-side only/ B/W2-levels)
Change of the number of pages for each file	Yes	---	
Skip blank page (Support from OC)	Yes	---	
Verification stamp	Yes		
Restriction on transmission size	Yes	Yes (Direct SMTP doesn't have limitation)	---
Drop out colour	Yes	No	---
Job build	Yes		
Slow scan mode	Yes		
Mixed size original	Yes		
Default date sender transmission	---	Yes	
Preview	Yes		
Fax destination confirmation	---		Yes Also support broadcast transmission of One-touch
Erase (Edge/Edge+ Centre/Centre/Side)	Yes(Edge/ Side only)		
Original count	Yes		
Deletion of transmission record	Yes		
Deletion address from group which has already registered.	Yes		



Reception Function			
Mode	Scanner	Internet Fax Direct SMTP	Fax
Automatic reception	---	Yes	
Manual reception	---	Yes (Direct SMTP: No)	Yes
Switching from manual reception to auto reception	---		Yes (SEF only)
Fixed size reduced reception	---	Yes	
Fixed size reception	---	Yes (Soft-SW support)	---
Rotated reception	---	Yes	
Setting of received data print condition	---		Yes
Duplex reception	---	Yes	
A3 RX auto reduction print (for the area using Inch system)	---	Yes	
Letter size RX auto reduction print (for the area using AB system)	---	Yes	
Allowing Address/Domain setting reception	---	Yes (50 addresses)	---
Not allowing Address/Domain setting reception	---	Yes (50 addresses)	---
Allowing reception from a specific number	---		Only specific number (50/20-digits)
Not allowing reception from a specific number (To be rejected)	---		Only specific number (50/20-digits)
External phone connection remote	---		Yes
Received data bypass output	---	Yes	
Reception confirmation cycle setting	---	Yes (Direct SMTP: No) (Setting by 0 - 8 hours/each minute)	---
POP3 communications timeout setting	---	Yes (Direct SMTP: No) (Setting by 30 - 300/ every 30 seconds)	---
Body text print setting	---	Yes	---
Data Forwarding in case of trouble of output	---	Yes (1 forwarding address can be registered each.)	
Inbound Routing (Forwarding received data of Internet Fax / Fax to a network address)	---	Yes	
Formats	---	PDF, Single TIFF, Multi TIFF, XPS	
File name setting when inbound routing (Attached TSI information)	---	Yes	
Destinations	---	E-mail, FTP, SMB, Desktop, Fax, Internet-Fax	



Information about the MFP that transfers the data is added to the transferred data	---	Yes
Timetable	---	Yes
Alternative mode for destination error	---	Yes
Easy switching destination of inbound routing	---	Yes
Output Tray Setting	---	Yes
Print number setting of received data	---	Yes
Staple setting of received data	---	Yes
Auto wake up print	---	Yes
Hold setting for Received Data Print ALL RX data into the Memory regardless	---	Yes
Footprint	---	Yes
Image check (Preview)	---	Yes
Forwarding from preview	---	Yes
Filing from preview	---	Yes
Registered to junk FAX from preview	---	Yes
Print/ Delete/ Forwarding of specified page	---	Yes
Storing Fax/I-Fax reception data to HDD	---	Yes
Output only specified FAX number	---	Yes
Alternative reception number	100 (Total of Internet Fax and Fax)	

Other Functions			
	Scanner	Internet Fax Direct SMTP	Fax
Timer transmission	Yes		
Timer output	---	Yes	
Polling reception	---		Yes
Polling memory	---		Yes Up to 100 registrations allowed with bulletin board, confidential and relay broadcast all combined. (Free area: 1 registration) Setting of the number of transmission: 1 / no limit.
Sender selection	---		Yes
Page number print	---	Yes	
Date print	---	Yes (Date indication can be changed)	
Polling protection function	---		Yes
Confidential transmission	---		Yes (F-code)



Relay broadcast transmission request	---	Yes (F-code)	
Relay broadcast transmission (fax to email/ Internet Fax/ Fax (F-code))	---	Yes	
Confidential transmission	---	Yes (F code method)	
Relay broadcast transmission request	---	Yes (F code method)	
Relay broadcast Transmission (Fax to e-mail/ Internet Fax/ Fax (F-code)) *	---	Yes *Function that enables settings of e-mail/Internet Fax/Fax addresses as destinations of F-code broadcast	
2-in-1 transmission	No (Yes in case of broadcasting of Internet Fax/Fax)	Yes	
Suppress background	Yes (Color, Grayscale, B/W)	---	
Card shot	Yes (magnification ratio 63-400%)		
Transmission confirmation	---	Yes Time-out 1min.-240hours Set by 1min. (Direct SMTP : No)	---
Forwarding reception/ transmission data (Document Admin)	Yes Forwarding data formats can be selected. (Single TIFF/ Multi TIFF/ PDF / XPS) (Scan to e-mail/ FTP/ SMB/ Desktop/ PC-Internet Fax/ PC- Fax/ Fax/ I-Fax are also supported) Folder setting by each of sending and receiving is supported.		
Number of Job status indication	99		
Transmission Method			
Mode	Scanner	Internet Fax Direct SMTP	Fax
Transmission time	---	2 seconds level (super G3 / JBIG) 6 seconds level (G3 ECM)	
Modem speed	---	33.6 kbps -> 2.4 kbps Auto-fallback	
Intercommunication	---	Super G3 / G3	
Communication line	---	General line (PSTN), Independent business line (PBX), F-Net SEGA: R-key for PBX sending	
ECM	---	Yes	
Support digital network net (Sending level)	---	Yes	



Record Size			
Mode	Scanner	Internet Fax Direct SMTP	Fax
Maximum record width	---	293 mm	
Record size	---	A3 - A5, 11 x 17 - 5.5 x 8.5	

Registration-Related Setting			
Mode	Scanner	Internet Fax Direct SMTP	Fax
One-touch/Group * e-mail, FTP, Desktop, SMB, Internet Fax (Direct SMTP), Fax	2,000 destinations Possible to use LDAP Total of 200 destination of FTP, Desktop and SMB * Since Scan/ Internet Fax (including Direct SMTP)/ Fax uses the common address book, the number of addresses allowed for registration is the sum total of all modes.		
Maximum registration number per group dial	500 addresses		
One touch name registration	36 characters in full and half size.		
One-touch dial receiver number registration	---		Up to 64 destination including receiver number, sub-address and pass code (including"/").
Default address setting	Yes	---	
Desktop registration	Yes (Registration by using Web or NST (Network scanner tool))	---	
SMB destination registration	Yes Can be registered on the Web	---	
FTP destination registration	Yes Can be registered on the Web.	---	
Program	48 programs Address (Individual, groups), settings (density, image quality, resolution, original setting) and special functions can be registered in one set		
Number of memory boxes	---		100 (Including bulletin board/ confidential/ relay broadcast)
Memory box registration name	---		Up to 18 characters in full and half size
Reply-To registration	1,000 (user registration from Web)	---	
Sender Registration	---	1 sender (up to 20 characters): Only one sender is registered, and I-Fax/Fax addresses or phone numbers are registered in the name part. (40 1-byte characters are available by soft switch setting)	
Number of sender selection registration	---		Total: 18 (20 2-byte characters / 40 1-byte characters) Sender selection is different from default.
Registration of polling approval number	---		Yes 10 numbers/20-digit





Registration-Related Setting			
Mode	Scanner	Internet Fax Direct SMTP	Fax
Quick key (short cut registration)	Yes (0001-2,000) Quick key is the function to select an address based on the registered number of each address within the book for address selection. Users can select a quick key number.		
Retrieving/scanning of registered data to other model	Yes (By address book conversion utility)		
Import/export of address book	Yes (By storage backup)		



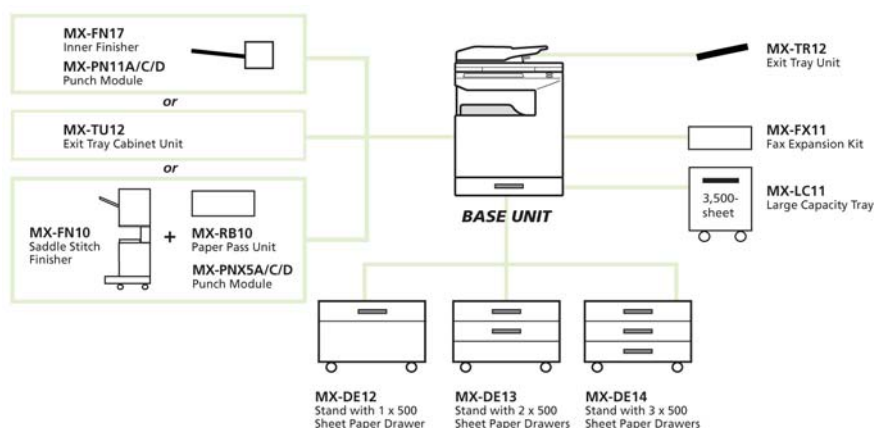
PC-Fax / PC- I-Fax Functions			
Supported OS	Windows 2000 Windows XP Home Edition Windows XP Professional Windows Server 2003 Windows Server 2008 Windows Vista Windows 7		
PC	IBM PC/AT compatible machine, Macintosh		
CPU	Pentium 2 300 MHz or more		
Monitor	Screen resolution: 640 x 480 pixels or more Colours: 256 or more		
HDD	Free space of 50 MB or more		
Memory	64 MB or more		
Interface	USB 2.0 10/100BASE-TX, 1000Base-T		
Communications protocol	LPR/lp, Port9100(RAW), IPP, USB2.0		
PC-Fax Send	Yes (with Fax equipped) Maximum of 64 digits for Fax number (including sub-address and passcode)		
PC-Internet Fax Send	Yes (Necessary options: I-Fax expansion kit) Maximum of 64 digits for I-Fax address		
Resolution	200 x 100 dpi/ 200 x 200 dpi/ 200 x 400 dpi/ 400 x 400 dpi/ 600 x 600 dpi		
Transmission original sizes	A3 / B4 / A4 / A5 / B5 / 8k / 16k		
Compression method	MH / MMR		
Broadcast transmission	Yes (Mix of Fax and I-Fax is available. Maximum destination: 500)		
F code transmission	Yes	Sub-address	Yes. Maximum of 20 digits
		Pass code	Yes. Maximum of 20 digits
Phone book registration / transmission function	Yes		
Attach cover sheet function	Yes (Not allowed for broadcast transmission)		
Create cover sheets function	Yes (Entering address when direct entry)		
Own number send	Yes (Editable by PC-Fax driver for only Japan. Always printed for abroad.)		
Preview function	Yes		
Transmission confirmation (Notice to PC by NJR)	Yes		
Document filing function	Filing	No	
	Quick File	No	
PC-Fax Transmission log	Yes (Retransmission allowed)		
User authentication	Yes		
Timer	Yes		
R-KEY (SEEG only)	Yes		
Connection with MFP address book	Yes		



## Configurations

### Options List

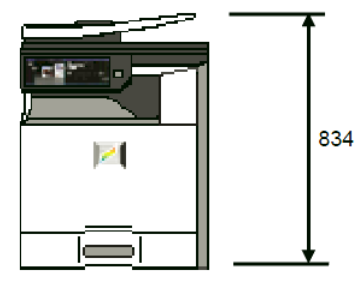
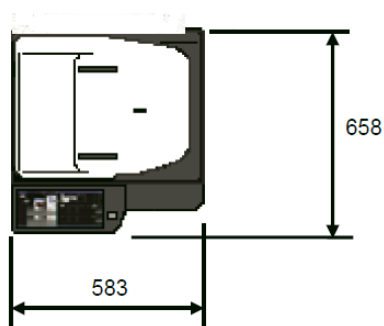
Model Name	Description	Remark
MX-DE12	1 x 500-sheet paper feeding unit	Can not install with MX-DE13/ MX-DE14
MX-DE13	2 x 500-sheet paper feeding unit	Can not install with MX-DE12/ MX-DE14
MX-DE14	3 x 500-sheet paper feeding unit	Can not install with MX-DE12/ MX-DE13
MX-LC11	Large capacity tray (A4)	
MX-TR12	Exit Tray Unit	
MX-TU12	Exit tray cabinet unit	
MX-FN17	Inner finisher	Can not install with MX-FN10
MX-PN11A/C/D	Punch module (A: 2, C: 4, D: 4 wide)	MX-FN17 is required.
MX-FN10	Saddle stitch finisher	MX-RB10 is required.
MX-RB10	Paper pass unit	
MX-PNX5A/C/D	Punch module (A: 2, C: 4, D: 4 wide)	MX-FN10 is required.
MX-PK11	PS3 expansion Kit	
MX-PUX1	XPS expansion Kit	MX-SM10 is required
MX-SM10	Expansion memory board	
MX-EB11	Enhanced compression kit	
MX-FX11	Facsimile expansion kit	
AR-SU1	Stamp unit	
MX-FWX1	Internet-FAX expansion kit	
MX-AMX1	Application integration module	
MX-AMX2	Application communication module	
MX-AMX3	External account module	
MX-FR30U	Data security kit Commercial version	
MX-PF10	Barcode font kit	
MX-KB11	Keyboard	
MX-EB12	Mirroring kit	
MX-AM10	Web browsing expansion kit	
MX-USX1/USX5	Sharpdesk ver 3.3 1/5-License kit	
MX-US10/US50	Sharpdesk ver 3.3 10/50-License kit	
MX-USA0	Sharpdesk ver. 3.3 100 License kit	
MX-UN01A/05A	Sharp OSA-NST 1/5-License kit	MX-AMX2 is required
MX-UN10A/50A	Sharp OSA-NST 10/50-License kit	MX-AMX2 is required
MX-UN1HA	Sharp OSA-NST 100 License kit	MX-AMX2 is required



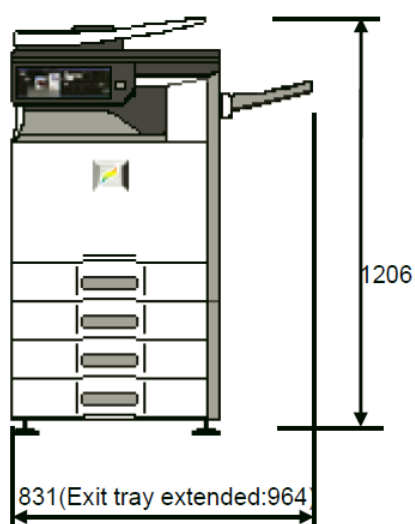


## Outer Dimensions

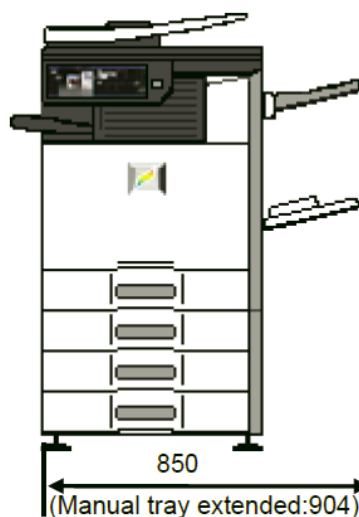
<MX-3110N / MX-2610N + RSPF>



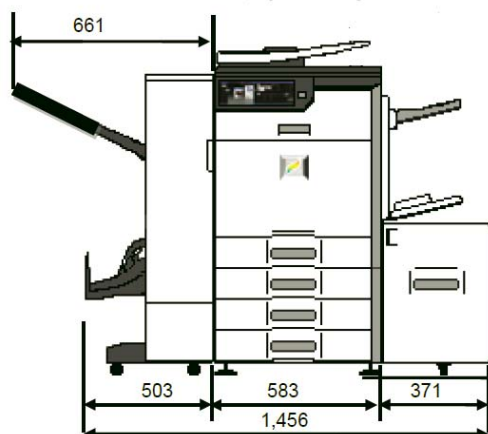
<MX-3110N / MX-2610N + RSPF + right exit tray + 3 trays>



<MX-3110N / MX-2610N + RSPF + bypass (manual) tray + 3 trays>



<MX-3110N / MX-2610N + RSPF + saddle finisher + large capacity tray + 3 trays>





## Functional Combinations

	Copy	PCL Printing	PS Printing	XPS Printing	Fax	I-Fax	Scan	Filing	Security	Sharp OSA
MX-3110N / MX-2610N	√	√	√	√	√	√	√	√	√	√
MX-PK11			√							
MX-PUX1				√						
MX-SM10				√						
MX-EB11 (only for compact PDF)							√ (Colour scan only)			
MX-FX11					√					
MX-FWX1						√				
MX-FR30U									√	
MX-AMX2/3										√

√: required

## Installation Reference Guide

Options	Installation/Soft Keys
MX-PK11: PS3 Expansion Kit	Soft key has to be input for activation.
MX-PUX1: XPS Expansion Kit	Soft key has to be input for activation.
MX-FX11: Fax Expansion Kit	Install External box by using parts for mounting.
MX-FWX1: Internet Fax Expansion Kit	Soft key has to be input for activation.
MX-PF10: Barcode font kit	Soft key has to be input for activation.
MX-FR30U: Data Security Kit (Commercial Version)	Replace flash ROM physically and install the Document control board. (Download from USB memory.) Then soft key has to be input for activation.



## ■ Consumables List

Model name	Contents	Qty	Life	Min. Order Qty	Remark
MX-36GT-BA	Black toner cartridge	X1	24k	10	A4 5% coverage
MX-36GT-CA	Cyan toner cartridge	X1	15k	10	A4 5% coverage
MX-36GT-MA	Magenta toner cartridge	X1	15k	10	A4 5% coverage
MX-36GT-YA	Yellow toner cartridge	X1	15k	10	A4 5% coverage
MX-36GR-SA	OPC drum	X1	100k (Black) 60k (Colour)	10	6
MX-36GU-SA	OPC drum unit (OPC drum / Unit parts included)	X1	100k (Black) 60k (Colour)	10	For all colour
MX-36GV-BA	Black developer	X1	100k	10	
MX-36GV-SA	Colour developer	C/M/Y X1each	60k	10	
MX-230FB	Fusing belt kit	X1	100k	10	
MX-230LH	Pressure roller kit	X1	200K	10	
MX-230CR	Cleaning roller kit	X1	100K	10	
MX-230B1	Primary transfer belt kit	X1	100k	10	
MX-230TL	Primary transfer cleaning blade kit	X1	100k	10	
MX-230CU	PTC kit	X1	100k	10	
MX-230B2	Secondary transfer belt kit	X1	300k	10	
MX-230PD	PS paper dust removing unit	X1	100k	10	
MX-C31FL	Filter kit	X1	100k	10	
MX-230HB	Toner collection container	X1	50k	5	5% coverage for each colour 25% colour ratio
MX-230MK	Main charger kit	X1	100k (Black) 60k (Colour)	10	
AR-SC3	Staple cartridge	X3	2,000 times	40	Saddle finisher for MX-FN10
MX-SCX1	Staple cartridge	X3	5,000 times	20	Inner finisher for MX-FN17
AR-SV1	Stamp cartridge (for AR-SU1)	X2	-	20	
MX-230U1	Primary transfer belt	X1	(for service rotation)	1	
MX-230U2	Secondary transfer belt	X1		1	
MX-260FU	Fusing unit	X1		1	
MX-260FU2	Fusing unit	X1		1	

The life may vary depending on the document and the environmental factors.