SHARP

Be Original.

MX-7500N
MX-6500N

Digital Full Colour Multifunctional System

Precise. Productive. Professional.
A True Colour-on-Demand Powerhouse



A High-Speed Colour MFD with Full-Fledged Functionality to Meet Various Light Production Needs

Sharp's flagship MX-7500N/6500N is a colour print-on-demand powerhouse built for full-scale light production of professional documents. A variety of automatic adjustment functions enable this MFD to maintain exceptional print quality on a par with commercial printing. A powerful external Fiery® Colour Print Server with Command WorkStation® software is available for colour-critical environments that require precise management of print jobs. The software can be operated intuitively through the MFD's user-friendly 15.4-inch colour LCD touchscreen panel—a unique Sharp specialty.

The ultra-versatile MX-7500N/6500N not only offers a full suite of paper-feed and finishing options, it also handles a variety of paper types and paper thicknesses up to 300 g/m^2. With selected options, total paper capacity can be boosted all the way to 13,500 sheets. On top of that, users can take advantage of flexible document system configurations that cater precisely to their varying needs. Powerful, fast, and highly configurable, this is one MFD that delivers quality on demand.




SHARP
MX-7500N/6500N
ACCENTS
Line of Play Apparel
A Trip to Florence Is a Trip through Time
Kitchen
Modern Interior Design
50th Anniversary Celebration.
October 5 & 6.
Drive away with more than you bargained for.
C's Motors
COFFEE
TEA
COCOA
2014 CALENDAR



A Heavy-Duty Productivity Booster

A Winning Combination of Speed and Power

Built to meet the rigorous, high-volume demands of offices, copy rooms, CRD, and corporate data centres, the MX-7500N/6500N delivers copying and printing at an impressive speed of **75/65 cpm/ppm** for A4 paper and **42/38 cpm/ppm** for A3 paper. Advanced technology, integrated network scanning, and flexible configurations expedite job processing and streamline document workflow like never before. And to bring productivity and reliability where it's needed most, this high-volume workhorse boasts a 1TB hard disk and 5GB of standard memory.

High-Efficiency Scanning

The MX-7500N/6500N can scan both pages of two-sided B/W and colour documents up to A3 size in one efficient pass. Capable of scanning one-sided A4-size documents at **75 opm*** and two-sided A4 documents at **150 opm***, the **150-sheet DSPF** (duplex single pass feeder) minimises paper misfeeds and brings fast, reliable operation.

* Originals per minute (when feeding A4-size documents at 200-dpi resolution)



Paper Setting Registration

The MX-7500N/6500N's Paper Setting Registration function allows instant recall of pre-registered media profiles. It stores up to **1,000 media profiles** that include front-to-back registration settings (see page 5), data on fusing temperature, and data on the type, size, and weight of paper used. This allows identical, frequently executed jobs to be performed without the need to set the MFD each time, thereby helping to save time and ensure consistency from job to job.

Large Paper Capacity

While the MX-7500N/6500N holds 3,100 sheets of paper, this standard capacity can be expanded to meet the needs of high-volume jobs. Adding an optional 500-sheet Multi-Bypass Tray and two 5,000-sheet (2,500 × 2) Large Capacity Trays boosts capacity to **13,500 sheets** and enables a maximum 9-way automatic paper feed. And when a tray runs out of paper, the **Auto Tray Switching** function automatically switches to another tray with the same-sized paper.



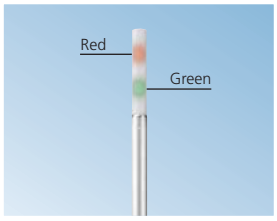
Limitless Operation

There's no need to stop the MX-7500N/6500N during large-volume copy/print jobs when the toner cartridge needs changing or when a paper tray needs replenishing. This means minimum downtime for the MFD during busy workloads. The MX-7500N/6500N can use toner from the large **intermediate toner hopper** to continue printing while the empty toner cartridge is replaced with a new one. Paper trays not currently in use can also be replenished without stopping the machine.



Printing continues during toner cartridge replacement

Status Indicator



The optional Status Indicator provides diagnostics via green and red LED lights that are clearly visible from a distance. The green light remains lit while a job is being executed and blinks while document data is being read. The red light blinks or lights up to indicate an error that may or may not prevent normal operation.

Document Management on the Hard Disk

To boost information sharing and distribution, processed job data can be saved in designated folders on the MX-7500N/6500N's built-in hard disk for instant recall, printing, or sending at a later time. Data for frequently used template documents can also be saved on the hard disk, enabling quick and easy output for enhanced productivity. The MX-7500N/6500N can also store PostScript print data, so that users get consistent results every time they reprint a selected data file.

Easy Sharing of Application Files

The MX-7500N/6500N's hard disk enables files created with applications such as Word and Excel® to be saved in their original file format and shared across the office network.

Note: Sharp recommends using the optional Mirroring Kit to back up data saved to the MFD's hard disk.

High Capacity Stacker



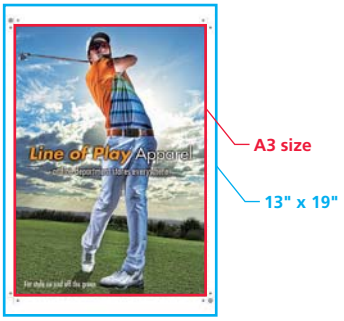
With an optional High Capacity Stacker, the MX-7500N/6500N can accommodate up to 5,000 sheets, expandable to **10,000 sheets** when two stackers are connected in tandem. Each stacker comes with a roll-out **Paper Cart** for effortless and efficient transport.

Flexibility in Paper Handling and Finishing Options

Versatile Paper Handling

The MX-7500N/6500N accommodates a wide variety of sizes, weights, and types of paper, expanding the range of possible printing applications.

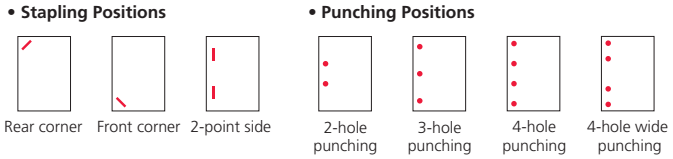
- ***Paper Sizes:*** The MX-7500N/6500N supports an extensive range of standard paper sizes from A5 to SRA3/A3W, along with custom paper sizes up to **330 × 488 mm**. Thanks to its printable area of 319 × 480 mm, this MFD enables full-bleed printing of an A3 image with crop marks or two A4 images with crop marks.
- ***Paper Weights:*** The MX-7500N/6500N handles paper as thin as 55 g/m² and as thick as **300 g/m²**. Duplexing is possible for paper ranging from 60 g/m² to 300 g/m².
- ***Paper Types:*** In addition to plain paper, the MX-7500N/6500N accommodates a number of other paper types—including **coated**, **textured**, or **embossed** paper—as well as **envelopes**. This gives users the flexibility to fulfil diverse printing needs.



Professional-Quality In-Line Finishing Options

Stapling and Punching

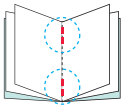
With a maximum output capacity of 4,250 sheets, handy Finishers provide three stapling positions—front corner, rear corner, and two-point side—for up to 100 sheets per set. Two-to-four-hole punching is available as an option.



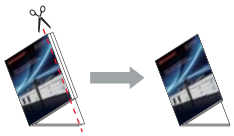


Full-Bleed Booklet Making

The MX-7500N/6500N's **edge-to-edge printing** feature ensures printing to the top and bottom edges of the page, so that only the void areas of the lead and trail edges need to be trimmed for a full-bleed effect. This feature allows production of full-bleed A4-size booklets up to 80 pages in length. Using this function with the Saddle Stitch Finisher and Trimming Module enables users to automatically create high-quality, professional-looking booklets in-line, helping to reduce both outsourcing costs and production times.



The MX-FN22 Saddle Stitch Finisher staples and folds sets of documents up to 20 sheets in length.



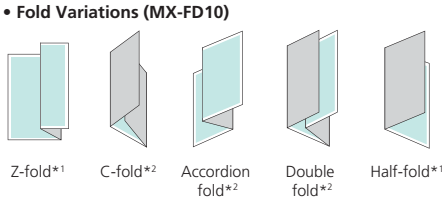
The MX-TM10 Trimming Module trims the lead and trail edges of a saddle-stitched document to give it a beautifully consistent finish.



A Variety of Folds

The MX-FD10 Folding Unit automates various types of folding, such as z-folding and c-folding, for efficient production of direct mail, brochures, and more.

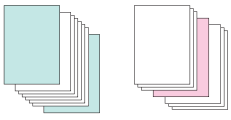
*1: For A3- and A4R-size paper.
Z-fold and half-fold pages are ejected from the finisher (MX-FN22/FN21).
*2: For A4R-size paper.

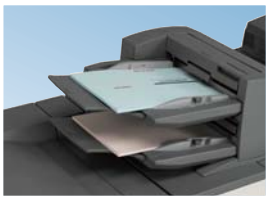




Insertion

For truly professional results, the Inserter can add pre-printed covers and insert paper up to 220 g/m² to documents before final finishing. Two input trays, each with a capacity of 200 sheets, make it possible to feed in two different types of paper.

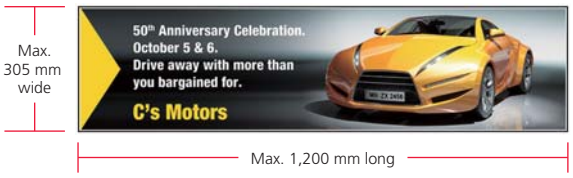




*Long-Paper (Banner) Printing**

The MX-LT10 Long Paper Feeding Tray accommodates extra-long paper up to 1,200 mm—expanding the range of print products to include panoramic pictures, large display-window ads, banner signs, and more.

* Contact a Sharp customer representative for details on using this function.

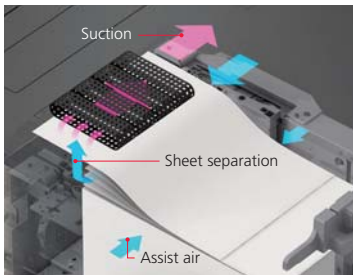




Reliability Builders

Triple Air-Feed System

The Triple Air-Feed System on the optional 5,000-sheet MX-LC13 Large Capacity Trays reliably separates and feeds in paper to facilitate jam-free operation and minimise downtime. Capable of supporting a wide range of paper types, this system employs air-feed technology and three precisely directed air flows for maximum reliability and proper paper handling.




(Conceptual image)

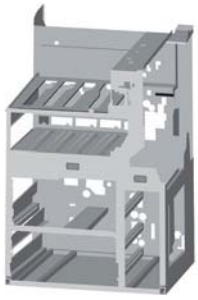
Multi-Feed Detection System

A precision-engineered Multi-Feed Detection System employs ultrasonic technology and separation rollers for double-fed paper to detect and prevent misfeeds from the paper feed section for maximum uptime.



Highly Rigid Main Frame

A highly rigid support frame isolates and protects critical machine components in the MX-7500N/6500N, ensuring increased durability and reliability. The unit can withstand heavy use in locations where rapid, high-volume output is demanded.



Full Front Access

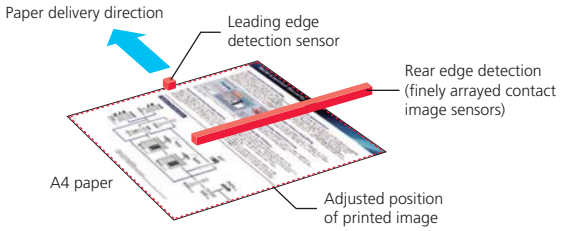
Particularly convenient during toner cartridge replacement, an unlikely paper jam, and other operations, full front access to all key machine components ensures easy maintenance—and maximum uptime.



Front-to-Back Registration

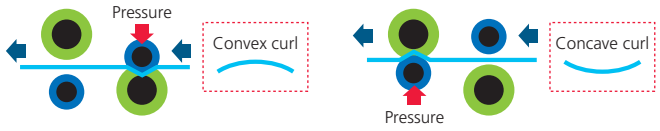
Based on feedback from two paper-position sensors located in the paper path, the MX-7500N/6500N employs an image shift function to automatically adjust the position of printed images with respect to the edges of a page. This precise front-to-back registration ensures exact correspondence of the printed material, so that consistently high levels of quality can be achieved when producing leaflets, brochures, and other documents—including those with two-sided double-page spreads or those that are to be saddle stitched and trimmed. Users can also manually adjust vertical/horizontal ratio* and position settings to achieve even more precise front-to-back registration.

* Available only for Sharp printer driver.



Curl Correction

For reliable output of two-sided copies and prints, the MX-7500N/6500N provides built-in curl correction to uncurl paper just after transfer. And for added stability, the optional Curl Correction Unit uses top and bottom rollers to apply pressure to convex and concave curls, preventing paper from warping before it goes to the finisher.



Administrator Machine Adjustments

The MX-7500N/6500N has a machine adjustment menu to enable MFD administrators (i.e., trained print room managers) to access and configure machine set-up for a total of 50 items in three areas: image quality, image position/ratio/area, and peripherals. As there is no need to call for outside service staff when making MFD adjustments, machine downtime is reduced and productivity boosted.



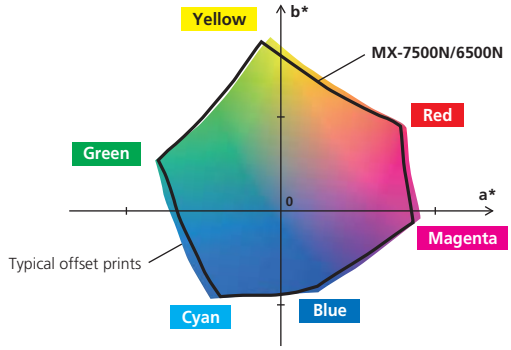
Superb, Stable Image Quality

Breathtaking Image Quality

Wide Colour Gamut

The MX-7500N/6500N was developed to provide high image quality approaching that of commercial offset printers. With Sharp having reinforced all elements related to image processing—including the toner and colour profiles—the MX-7500N/6500N boasts a colour gamut that is almost identical to that of offset printers.

Colour Gamut Chart



a*: Colour channel from Green to Magenta
b*: Colour channel from Blue to Yellow

High-Resolution Output

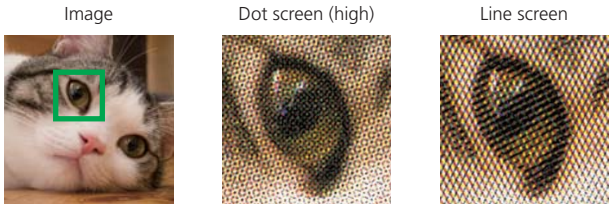
The MX-7500N/6500N employs 8-bit image processing to deliver razor-sharp **1,200 x 1,200 dpi** printing—without sacrificing output speed. Digital smoothing technology enhances the print and copy resolution to the equivalent of 9,600 x 600 dpi for smooth reproduction of fine lines. Fine-grained photographs, detailed illustrations and graphs, and small text come out crisp and clear.

Mycrostoner-HG3

Third-generation Mycrostoner-HG3 (High Grade) expands the colour reproducibility range for a more natural rendering of clear blue skies, emerald green oceans, and other colour images. And the smaller particle size of the toner and the carrier allows for reduced graininess and clear reproduction of fine lines, fine text, and halftone colours.

Dot Screening Technique

In addition to conventional line screening, the MX-7500N/6500N employs the dot screening technique—typically found on offset printers—for colour and greyscale printing. Thanks to dot screening, the MX-7500N/6500N can emulate the high-quality printing of commercial offset printers, even when performing on-demand printing.



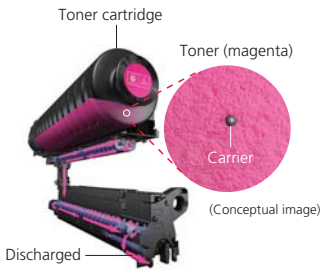
Adobe® PostScript® 3™

The MX-7500N/6500N supports genuine Adobe PostScript 3 for better graphics handling. Complex colour graphics can be printed out in a short time with minimal error, and multiple colour spaces such as RGB, CMYK, and Lab can be used.

Advanced Technologies to Maintain High Image Quality

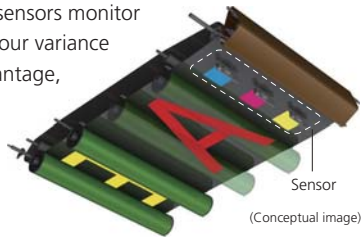
Developer Refresh System

In order to achieve consistent image quality from first page to last, Sharp developed the Developer Refresh System. In this system, toner and carrier are delivered to the developing unit at the same time. By discharging old developer little by little and continuously replacing it with new developer, this system prevents developer deterioration, ensuring stable print quality over the long term.



Auto Process Control

To maintain a consistently high image quality during large-volume print jobs, the MX-7500N/6500N employs an enhanced periodic colour calibration system. Image density sensors monitor image consistency to minimise colour variance between pages. As an added advantage, the MFD makes the necessary colour adjustments without stopping the print job, ensuring time-efficient printing.



Precise Colour Registration

To meet the demands for high image quality, accurate colour registration, and stable output, the MX-7500N/6500N employs functions that automatically make the right adjustments at the right time without sacrificing print speed. These functions enable the MFD to deliver highly precise printing and stable colour quality, so that a consistently high level of print quality and productivity is maintained over the long run, from first page to last.

- When printing large numbers of multi-page documents, the MX-7500N/6500N automatically adjusts the print position so that each of the CMYK colours is printed at the correct registration.
- The MX-7500N/6500N's registration sensors precisely detect the position of registration patches printed on the transfer belt. These measurements are then used to make minute adjustments—when necessary—of the print position for each CMYK colour.
- The temperature inside the machine is measured by sensors in key areas of the MFD, such as the LSU (laser scanning unit) and paper-transfer section. The MFD uses this information to make automatic adjustments before print quality can be affected by temperature changes.
- For even greater precision, a sensor detects any skewing of the laser beam that goes from the LSU to the photosensitive drum, so that the MFD can make automatic adjustments to eliminate such skewing.

Fiery® Print Server for Outstanding Colour Output

MX-7500N/6500N and Fiery® Print Server—A Winning Combination

Paired with the MX-PE10, an industry-leading EFI Fiery external print server, the Sharp MX-7500N/6500N becomes a powerful integrated solution for managing professional in-plant and busy on-demand printing environments. This winning combination offers the following benefits, to name just a few:

- Easily manage jobs with Fiery® Command WorkStation® fully integrated at the MX-7500N/6500N's touchscreen for unmatched control and ease of use.
- Deliver high-impact documents with vibrant colour fidelity that maintains consistent results page after page.
- Process large, complex jobs at speeds of 75/65 ppm that will exceed your expectations.

Better Productivity with Higher Performance

The powerful architecture of the MX-PE10 Fiery Server **shortens turnaround times**, while helping companies produce professional-looking finished jobs that win them new business and get their customers noticed.

Outstanding Colour across Applications

In demanding environments, achieving accurate colour every time is critical. The integrated Fiery colour management tools provide **superior colour control** out of the box. Customers, who routinely use transparencies and other effects such as drop shadows, can rest assured that their designs will be printed correctly.

Centralised Control and Automated Management

The MX-PE10 Fiery Server offers a **centralised solution** that features the award-winning Command WorkStation® with a de facto industry-standard print job management user interface. Its interactive WYSIWYG interface enables operators to monitor, control, and troubleshoot production from multiple desktops or locally at the Fiery Server directly from the MX-7500N/6500N's touchscreen.



Command WorkStation is fully integrated at the Sharp control panel

Industry-Leading Production Print and Variable Data Tools

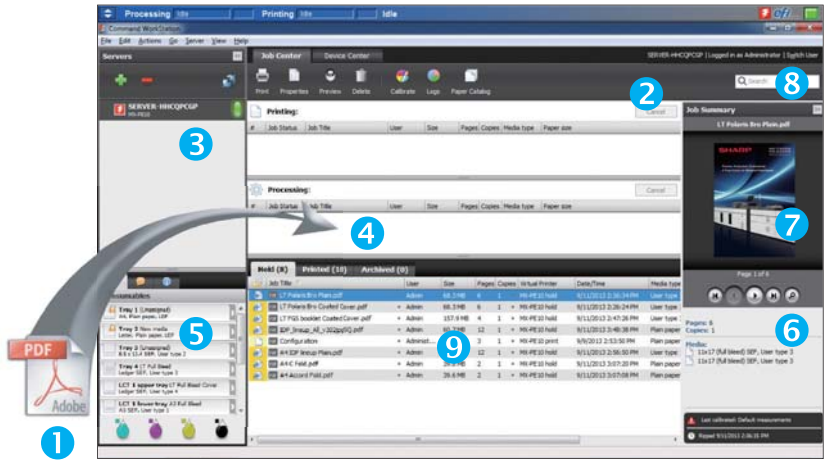
The MX-PE10 Fiery Server offers optional make-ready tools and driver-based imposition with the optional saddle stitch finisher to efficiently handle many production processes. The MX-PE10 Fiery Server enables customers to **produce short-run jobs profitably** by automating manual tasks, and increases workflow flexibility by supporting industry-leading variable data printing (VDP) formats including PPML and the new PDF/VT-1 and 2 formats.

Integration with Third Party and Other EFI Solutions

The MX-PE10 Fiery Server uses the Adobe PDF Print Engine (APPE) v2.5 rendering technology to offer a native end-to-end PDF workflow. The Fiery open platform also supports industry standards and **seamlessly integrates with existing MIS environments**, third-party vendors, and other EFI MIS solutions.



An optional keyboard allows easy data and text entry, and an optional touch pad (part of the MX-PX10 Fiery Interface Kit) allows you to control an on-screen mouse



The Job Center is the operator's main interface for all job management and set-up controls for Fiery servers

1. Drag & drop capabilities for fewer clicks
2. Customisable tool bar
3. Instant status of all Fiery servers
4. Job grouping for efficient job management and visibility of job status
5. Instant information on engine, consumables, and media
6. Instant information on job requirements
7. Integrated job preview
8. Integrated job search across all Fiery servers
9. Inline editing of number of copies, job name, and workflow



Working with Applications

Device Management (Internal Applications)

Simplified System Settings

MFD features and settings, including address book control and document filing management, can be configured either through web-based device management or from the MX-7500N/6500N's control panel.

Network Utility Software

Sharp Remote Device Manager* (SRDM) gives administrators centralised control of their networked MFDs through a standard web browser, making device cloning and other operations easier and more accessible.

* Contact a Sharp customer representative for details on using this function.

Remote Operation

The Remote Operation function lets you display the MFD's main control panel on your PC screen, allowing you to operate every major function directly from your desktop.* This function also enables the administrator to remotely guide an MFD user through necessary procedures.

* Requires VNC application.

Sharp OSA* (External Applications)

As an innovative development platform, Sharp OSA allows you to interact with critical business and network applications—or access an external accounting module—right from the touchscreen LCD control panel, bringing a whole new realm of control and convenience. And since Sharp OSA utilises industry-standard network protocols, the MX-7500N/6500N can easily integrate with document management systems, software for enterprise resource planning, workflow applications, and more. The latest version of Sharp OSA can reach **beyond the firewall**, enabling extensive system construction and services over the Internet. Other benefits of bringing Sharp OSA on board include the reduction of costs associated with system implementation and management and the ability to share data across company branch offices or subsidiaries.

* Requires optional MX-AMX2 and/or MX-AMX3.



Exceptional Ease of Use

15.4-Inch Colour Touchscreen LCD

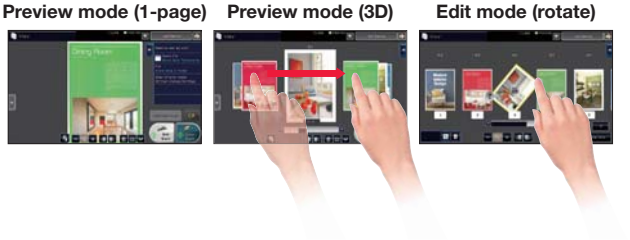
MFD operation has never been so intuitive, so easy. The control panel on the MX-7500N/6500N features a clear, wide WSVGA touchscreen LCD, ensuring that simple hand gestures applied to the screen bring effortless control of every document, function, and setting. With its user-friendly operation and easy customisation, this high-resolution touchscreen boosts productivity to the next level. For easy viewing, the control panel can be tilted from front to back and from side to side, and the arm, to which the control panel is attached, can be freely rotated from side to side to the user's desired angle.





Advanced Preview

The Advanced Preview function saves you time and effort by showing scanned images on the LCD as thumbnail displays for easy confirmation and editing. Page layout, stapling, and other aspects of document finishing can be checked before documents are printed out. Pages can be previewed in 3D, rotated, put in a different order, or deleted via touch-and-drag editing on the LCD. You can even erase specific pages and insert blank pages.



Job Management

The MX-7500N/6500N features a Job Management screen that allows users to oversee their print jobs and have complete control of them. From here, users can easily view the status of individual jobs, change the order of jobs in the print queue, and quickly retrieve files from the MFD's hard disk. The Job Management screen also shows the scheduled start time of jobs later in the print queue, so that users can know how long the current job will take. This helps users prioritise their workload and ensures maximum productivity.



Retractable Keyboard (option)

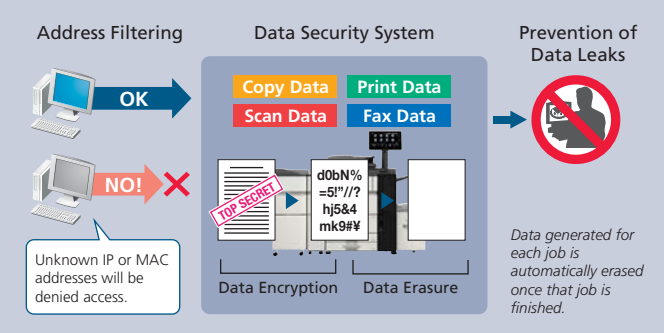
A **full-size retractable QWERTY keyboard** slides out from beneath the control panel to make text input fast and easy: convenient for typing things like e-mail addresses and messages, as well as passwords for user authentication.



Multi-Layered Security

Data Encryption and Overwriting

Digital copier/printers and MFDs retain large amounts of data generated from copy/print/scan/fax jobs in internal storage. To safeguard confidential data from unauthorised access, standard-equipped security features on the MX-7500N/6500N automatically **encrypt** job data prior to saving it to internal storage. Once a job is finished, that encrypted data is **erased** via up to seven automatic overwrites. **Protection** of administrator/file/ folder passwords brings further peace of mind.



Note: Contact a Sharp customer representative for details on activating these security functions.

Document Control Function (option)

Document Control prevents unauthorised copying, scanning, faxing, and filing of confidential documents by embedding copy prevention data onto a document. When that data is detected, any unauthorised attempts to copy will be cancelled or will result in only blank-page output.

Note: Requires optional Data Security Kit. May not work for certain types of documents or paper.

User Authentication

The MX-7500N/6500N prevents unauthorised use by requiring **passwords** for machine access. This safeguarded solution can register up to 1,000 users in **three access levels** as Administrator, User, or Guest and can designate to which function user authentication applies. And the MX-7500N/6500N works with an **external Active Directory server** to extend user authentication to multiple MFDs and a greater number of users.

Hidden Pattern Copy/Print

With this function, a watermark, such as "Confidential" or "Not for Copy," can be embedded onto a document. If that document is copied, the watermark will appear, alerting the user not to distribute it.

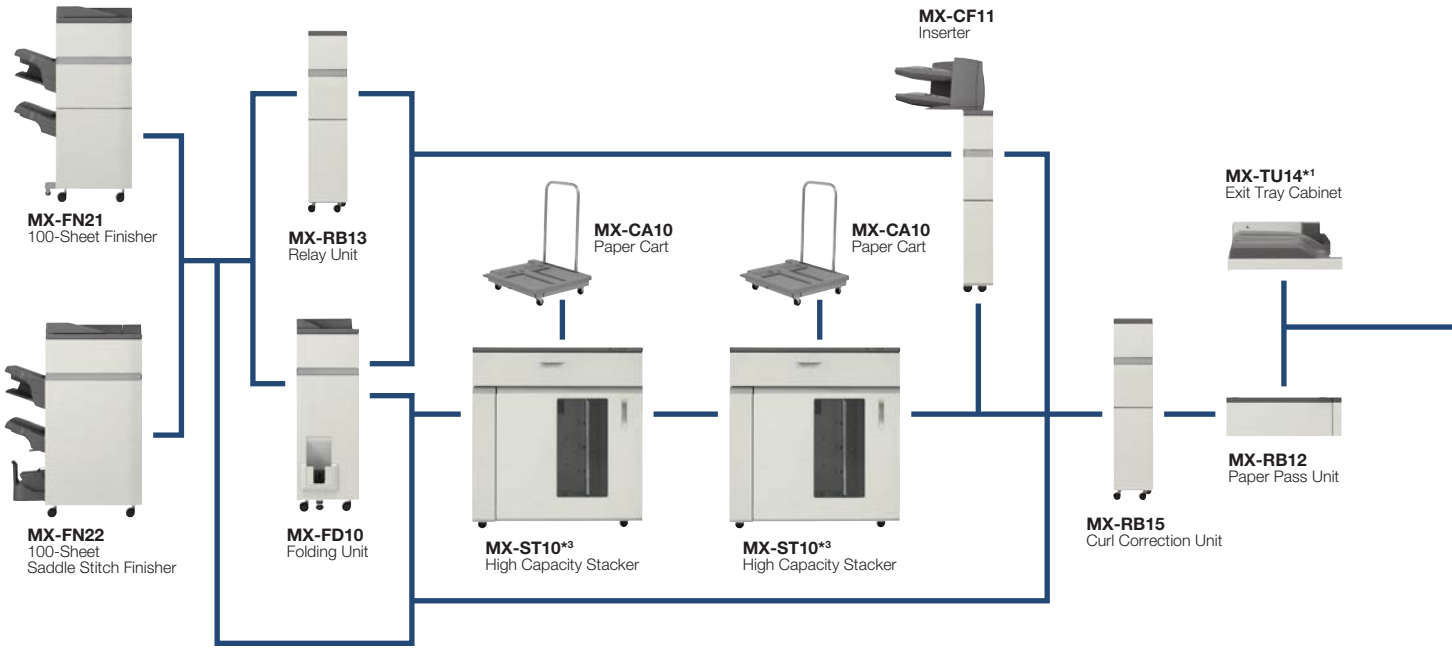
Tracking Information Print

This function prints the MFD user's name, the date, the MFD's serial number, the job ID, and other specifics on printouts, making it possible to track documents and prevent data theft.

Other Key Features

- Mirroring Kit (option) provides backup for the MFD's hard disk
- Supports the IEEE 802.1X standard for port-based network access control and the IEEE 2600 standard for hardcopy device and system security
- IP/MAC address filtering restricts unauthorised access
- SSL and IPsec enable data encryption for secure network communications
- Retained data can be initialised when it's time to replace the MFD
- Encrypted PDF secures a document by scanning it into a password-protected PDF for transmission over the network in encrypted format

System Configuration



*1: Required for minimum configuration.
*2: Cannot be used with MX-RB14, MX-LC13, or MX-MF11.
*3: Up to two Stackers can be connected for use together. MX-ST10 comes standard with one MX-CA10.

Eco-Friendly Advances

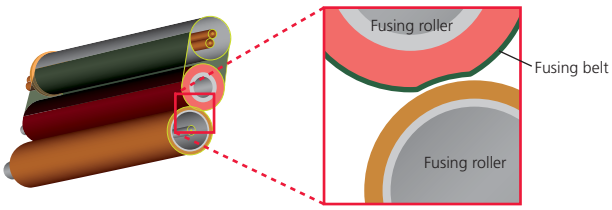
Reduced Power Consumption

The technologies described here dramatically reduce power consumption and give the MX-7500N/6500N a smaller environmental footprint than previous models. And because of its reduced power consumption, the MX-7500N/6500N boasts lower TEC values* than the maximum allowable values determined by ENERGY STAR®. A shorter warm-up time brings additional convenience.

* Typical amount of energy consumed in a hypothetical week measured as stipulated under the ENERGY STAR® programme.

Belt Fusing System

Sharp's belt fusing system reduces energy consumption and as a result, shortens the MX-7500N/6500N's warm-up time to 90 seconds.



Sharp's belt fusing system

LED Lamps

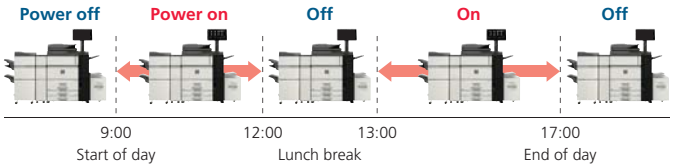
Energy-efficient LED lamps employed in the scan unit (instead of conventional xenon lamps) provide further energy savings.

Enhanced Auto Power Shut-Off Mode

Based on usage patterns established over a four-week period, Enhanced Auto Power Shut-Off mode automatically determines the optimal length of time to let elapse before turning the power off. To accommodate intensive use of the MFD on a specific day or time, users can manually set the elapse time to suit their specific usage patterns.

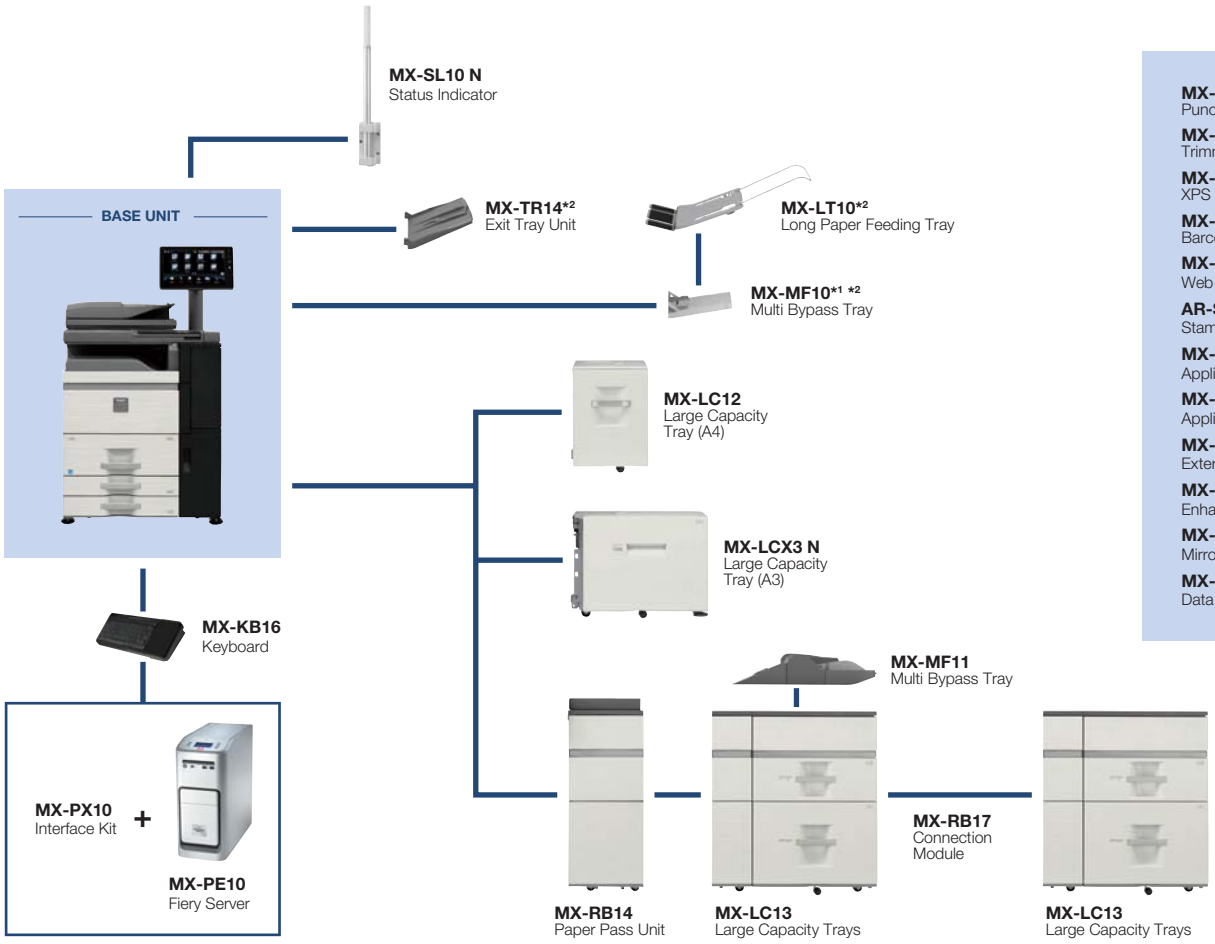
Power ON/OFF Scheduling

The Power ON/OFF Schedule function automatically turns the MX-7500N/6500N on or off according to time schedules set by the administrator.



Eco Scan

Eco Scan function saves energy by turning off power to the fusing system during jobs that don't require any printing, such as Image Sending and Document Filing.



MX-PN13A/B/C/D
Punch Module (for MX-FN21/22)

MX-TM10
Trimming Module (for MX-FN22)

MX-PUX1
XPS Expansion Kit

MX-PF10
Barcode Font Kit

MX-AM10
Web Browsing Expansion Kit

AR-SU1
Stamp Unit

MX-AMX1
Application Integration Module

MX-AMX2
Application Communication Module

MX-AMX3
External Account Module

MX-EB11
Enhanced Compression Kit

MX-EB15
Mirroring Kit

MX-FR43U
Data Security Kit

SPECIFICATIONS

General

Type	Console
Engine speed	A4: Max. 75/65 ppm A3: Max. 42/38 ppm SRA3: Max. 40/36 ppm
Control panel display	15.4-inch colour LCD touchscreen
Paper size	Max. SRA3/A3 wide, min. A5*1
Paper capacity (80 g/m²)	Standard: 3,100 sheets (1,200-sheet tray, 800-sheet tray, 500-sheet tray x 2, and 100-sheet multi-bypass tray) Maximum: 13,500 sheets (3,000 sheets and optional 2 x 2,500-sheet tray x 2 and 500-sheet multi-bypass tray)
Paper weight	Tray 1&2: 60 g/m² to 105 g/m² Tray 3&4: 60 g/m² to 220 g/m² Multi-bypass tray (MX-MF10): 55 g/m² to 300 g/m² Multi-bypass tray (MX-MF11): 55 g/m² to 220 g/m² Large capacity tray (MX-LC12, MX-LCX3 N): 60 g/m² to 220 g/m² Large capacity trays (MX-LC13): 55 g/m² to 300 g/m²
Warm-up time*2	90 sec.
Memory	5GB (copy/print shared) 1TB HDD*3
Power requirements	220V to 240V, 8A, 50/60 Hz (10A plug x 2)
Power consumption	Max. 3.84 kW (220 to 240V)
Dimensions (W x D x H)	982 x 768 x 1,530 mm
Weight (approx.)	228.1 kg

Copier

Original paper size	Max. A3
First copy time*4	Full colour: 5.1/5.6 sec. B/W: 3.7/4.0 sec.
Continuous copy	Max. 9,999 copies
Resolution	Scan (colour): 600 x 600 dpi Scan (B/W): 600 x 600 dpi, 600 x 400 dpi Print (colour): 600 x 600 dpi, 9,600 (equivalent) x 600 dpi (depending on copy mode) Print (B/W): 1,200 x 1,200 dpi, 600 x 600 dpi, 9,600 (equivalent) x 600 dpi (depending on copy mode)
Gradation	Equivalent to 256 levels
Zoom range	25 to 400% (25 to 200% using DSPF) in 1% increments
Preset copy ratios	Metric: 10 ratios (5R/5E), inch: 8 ratios (4R/4E)

Network Scanner

Scan method	Push scan (via control panel) Pull scan (TWAIN-compliant application)
Scan speed*5 (colour & B/W)	One-sided: Max. 75 originals/min. Two-sided: Max. 150 originals/min.
Resolution	Push scan: 100, 150, 200, 300, 400, 600 dpi Pull scan: 75, 100, 150, 200, 300, 400, 600 dpi 50 to 9,600 dpi via user setting
File formats	TIFF, PDF, PDF/A, encrypted PDF, compact PDF*6, JPEG*7, XPS
Scan destinations	Scan to e-mail/FTP server/network folder (SMB)/USB memory

Document Filing

Document filing capacity*8	Main and custom folders: 35,000 pages or 5,000 files Quick file folder: 10,000 pages or 1,000 files
Stored jobs	Copy, print, scan
Storage folders	Quick file folder, main folder, custom folder (max. 1,000 folders)
Confidential storage	Password protection (for main and custom folders)

Network Printer

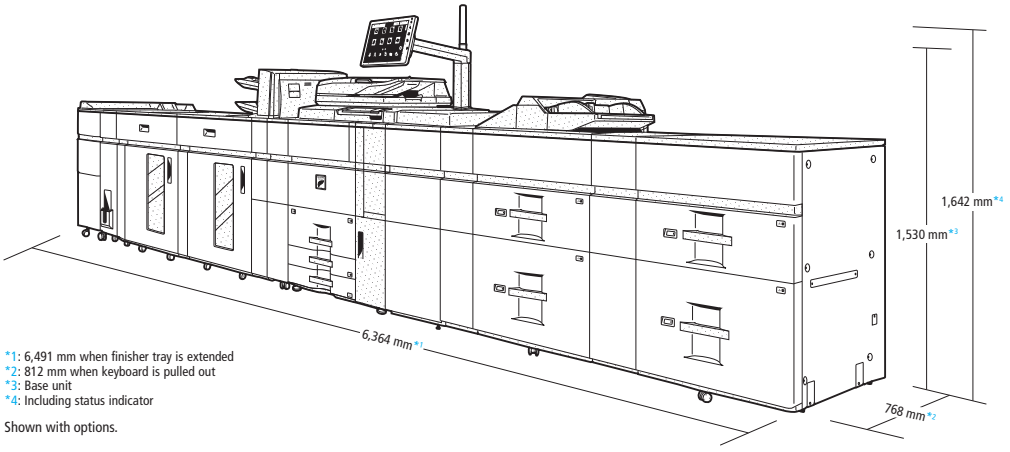
Resolution	1,200 x 1,200 dpi, 600 x 600 dpi, 9,600 (equivalent) x 600 dpi
Interface	USB 2.0, 10Base-T/100Base-TX/1000Base-T
Supported OS	Windows Server® 2003 R2, Windows Server® 2008, Windows Server® 2008 R2, Windows Server® 2012, Windows Server® 2012 R2, Windows Server® 2016 Windows Vista®, Windows® 7, Windows® 8, Windows® 8.1, Windows® 10, Mac OS X 10.4, 10.5, 10.6, 10.7, 10.8, 10.9, 10.10 , 10.11, macOS Sierra,
Network protocols	TCP/IP (IPv4, IPv6), IPX/SPX (NetWare), EtherTalk (AppleTalk)
Printing protocols*9	LPR, Raw TCP (port 9100), POP3 (e-mail printing), HTTP, FTP for downloading print files, EtherTalk printing, IPP
PDL	Standard: PCL 6 emulation, Adobe® PostScript® 3™ Option*10: XPS
Available fonts	80 fonts for PCL, 139 fonts for Adobe PostScript 3

Fiery® Print Server (optional MX-PE10, MX-KB16, and MX-PX10 required)

Type	External server
System software	Fiery FS100 Pro
Operating system	Windows® 7 Professional for Embedded Systems x32/x64,
CPU	Intel® Core® i5-2400, 3.1 GHz
Memory	4GB RAM 1TB HDD
Resolution	1,200 x 1,200 dpi, 600 x 600 dpi (PS, PCL)
Supported OS	Windows Server® 2003 R2, Windows Server® 2008, Windows Server® 2008 R2, Windows Server® 2012, Windows Server® 2012 R2, Windows Server® 2016, Windows Vista®, Windows® 7, Windows® 8, Windows® 8.1, Windows® 10, Mac OS X 10.6, 10.7, 10.8, 10.9, 10.10, 10.11, macOS Sierra,
Network protocols	TCP/IP IPX iPrint, LDAP
Interface	Gigabit Ethernet
Printing protocols*11	LPD, PServer, RPRINT, PAP, SMB, port 9100, IPP 1.1, e-mail print (PS, PDF), Mac Bonjour, AppleTalk
PDL	Adobe® PostScript® 3™
Available fonts	138 fonts for Adobe PostScript 3
Power requirements	100V to 240V, 50/60 Hz
Power consumption	Max. 0.35 kW
Dimensions (W x D x H)	212.3 x 482.6 x 488.4 mm
Weight (approx.)	19.6 kg

• Design and specifications are subject to change without prior notice. • Windows, Windows Server, Windows Vista, and Excel are registered trademarks of Microsoft Corporation in the United States and/or other countries. Mac, Mac OS, macOS, EtherTalk, AppleTalk, and Bonjour are trademarks of Apple Inc., registered in the US and other countries. Adobe and PostScript 3 are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries. PCL is a registered trademark of Hewlett-Packard Company. PANTONE® and other Pantone trademarks are the property of, and are used under license agreement with, Pantone LLC. All other brand names and product names may be trademarks or registered trademarks of their respective owners. • The ENERGY STAR logo is a certification mark and may only be used to certify products that have been determined to meet the ENERGY STAR programme requirements. ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the US Environmental Protection Agency. The ENERGY STAR guidelines apply to products only in the US, the EU, Japan, Canada, Australia, New Zealand, and Taiwan.

*1: Only short-edge feeding can be used with A5 paper. *2: At rated voltage, 23°C (73.4°F). May vary depending on operating conditions and environment. *3: HDD capacity depends on procurement and sourcing status. *4: Long-edge feeding of A4 (sheets from 2nd paper tray, using document glass, without Auto Colour Selection and Auto Colour mode, MFD in fully ready condition. May vary depending on operating conditions and environment. *5: Based on Sharp's A4 standard chart, using document feeder and long-edge feeding. Using factory default settings with Auto Colour Selection off. Scan speed will vary depending on the type of document and the scan settings. *6: Optional MX-EB11 required. *7: Colour only. *8: Storage capacity will vary depending on the type of document and the scan settings. *9: IPv6 is supported only by LPR printing protocol. *10: Optional MX-PUX1 required. *11: IPv6 is supported only by LPD and port 9100 printing protocols.



*1: 6,491 mm when finisher tray is extended
*2: 812 mm when keyboard is pulled out
*3: Base unit
*4: Including status indicator

Shown with options.

Distributed by:

SHARP

SHARP CORPORATION OF AUSTRALIA PTY LTD
ABN 40 003 039 405
P.O. Box 84, Macquarie Park, NSW 2113
Tel: (02) 9830 4600
www.sharp.net.au

SHARP CORPORATION OF NEW ZEALAND LTD
59 Hugo Johnston Drive
P.O. Box 12244, Penrose, Auckland
Tel: (09) 573 0111
www.sharp.net.nz