

SHARP

MX-B382P

Network Printer



A High-Performance Solution
for All Your Office Printing Needs



NETWORK PRINT

For greater productivity, more streamlined workflow, and reduced operating costs, there is no better solution to the printing needs of busy offices than the MX-B382P. This B/W network printer boasts many of the same efficiency-boosting functions, the same high performance, and the same ease of use offered by Sharp's award-winning line of A3 MFDs. The MX-B382P integrates easily into existing workgroup configurations. Razor-sharp printing, fast output, and convenient duplexing ensure top performance and an improved bottom line. The Sharp OSA development platform allows easy interaction with the most important business and network applications—right from the control panel, thus eliminating redundancy, streamlining workflow, and boosting productivity. Multiple security functions such as secure network access and the optional Data Security Kit (DSK), which automatically encrypts and erases the data from each completed job, provide layer after layer of protection.

HIGH PERFORMANCE & SPACE-SAVING DESIGN

Super-Efficient Output

The MX-B382P delivers a fast output of **38 ppm***, thanks to a 64-bit, 800 MHz CPU that can quickly process documents with memory-intensive graphics. What's more, the MX-B382P's short, straight paper path minimises misfeeds to save paper and toner costs.

* A4 size



Built-in Stackless Duplex Module

The built-in stackless duplex module on the MX-B382P reduces paper costs and saves filing space by making two-sided printouts.

Space-Efficient Inner Finisher

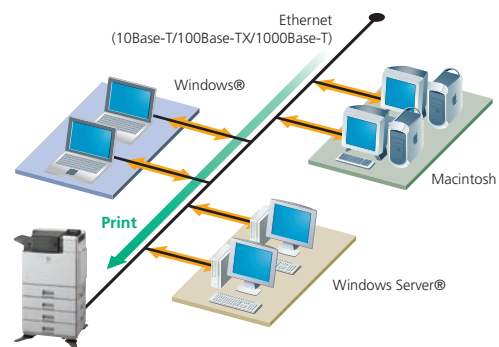
The MX-B382P's optional inner finisher can be added on without taking up much space. It automates time-consuming tasks, such as sorting and stapling* documents of up to 30 pages, and stacks each job slightly apart from the previous one (offset stacking) for easy retrieval.

* For one-corner stapling only



Supports Most Office Environments

The MX-B382P works as a network printer with the latest and most commonly used operating systems and network protocols, including **IPv6**, and even in mixed OS environments. You get fast, powerful network printing via the 1000Base-T Gigabit Ethernet standard.



Large Paper Capacity

The MX-B382P comes standard with a 500-sheet paper tray and a 100-sheet multi-bypass feeder. Two types of extra paper drawers are available for a total paper capacity of up to **2,100 sheets**.

When a tray runs out of paper, the **Auto Tray Switching** function automatically switches to another paper tray filled with the same size paper.



USER-FRIENDLY OPERATION

4.3-Inch Colour LCD

The control panel on the MX-B382P features a 4.3-inch colour LCD that conveniently displays job-progress information and other items.



Convenient Direct Printing

The MX-B382P offers a whole new level of convenience with two USB ports. One of those ports is located at the front of the printer. It comes in handy when printing data directly from USB memory devices—an indispensable function for users who are in a hurry or who want quick machine access without a PC.



Integrated Device Management

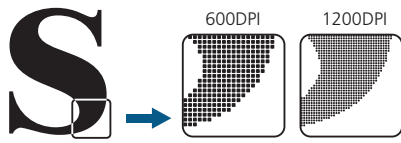
- **Printer Administration Utility (PAU)** makes printer networks easier to manage by allowing system administrators to customise monitored items and view settings such as the IP address directly from their PC through a standard Web browser.
- If the MX-B382P is low on paper or toner, the **Printer Status Monitor** will alert you in the form of easy-to-understand graphics, allowing you to avoid problems before they arise.
- **Web-based device management** allows easy programming of complex settings and makes it possible for an administrator to manage multiple MX-B382Ps from a single location, from either over the network or from the printer's control panel.
- With the **Remote Operation** function, the same control panel screen found on the MX-B382P can be displayed on the screen of a remote, office-networked PC, allowing the printer to be operated via that PC*.

* Requires VNC application.

SUPERB PRINT QUALITY

True 1,200 x 1,200-dpi Printing

The MX-B382P's print engine provides razor-sharp 1,200-dpi printing—without sacrificing output speed—for ultra-clear image quality. Fine lines and small text come out crisper and easier to read.



Superior Imaging System

Sharp's imaging process combines a high-performance processor, a developer, and the second generation high-grade toner to deliver breathtaking image quality with the MX-B382P. The small particle size of the toner and the developer ensures reduced graininess and clear reproduction of fine lines and halftones.

Supports Various PDLs and Barcode Fonts

The MX-B382P supports the **PCL5e**, **PCL6**, and **PostScript3** page description languages (PDL). Adding options makes it compatible with **XPS** (XML Paper Specification) and barcode fonts as well.

MULTI-LAYERED SECURITY

Data Security Kit

Digital copier/printers or MFDs can retain hundreds of pages of confidential information from previous jobs on their hard disks or internal memory. To safeguard this information from unauthorised access, the optional **Data Security Kit** automatically **encrypts and erases** the data from each completed job as well as the data stored on the hard disk. The Data Security Kit also features the **Document Control*** function, which prevents unauthorised printing of confidential documents by embedding print prevention data onto a document when it is first printed. Any unauthorised attempts to print a Document Controlled-document will simply be cancelled or result in the output of a blank page.

* May not work for certain types of documents or paper.

Secure Sockets Layer

SSL (secure sockets layer) enables the encryption of data communications to prevent data leakage through the network when printing via IPP, browsing secure Web pages (HTTPS), or communicating via e-mail (SMTP and POP3) or FTP (FTPS).

Print Hold

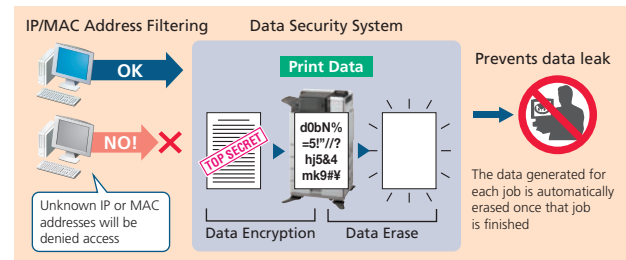
To keep others from seeing confidential documents as they are being printed out, the MX-B382P's Print Hold function stores print data on its hard disk and withholds output until the user executes a print command from the control panel.

User Authentication

The MX-B382P prevents unauthorised use by requiring **passwords** for machine access. The MX-B382P can register up to 1,000 users in **three access levels** as Administrator, User, and Guest.

Secure Network Access

The MX-B382P's **IP/MAC address filtering** function provides highly secure operation by restricting access to the MX-B382P on your office network. Only PCs that have either their IP address or MAC (media access control) address registered are allowed to use the MX-B382P. Attempted access from an unknown IP or MAC address will be denied, preventing unauthorised use. The MX-B382P also supports the **IEEE 802.1X** standard for port-based network access control, which blocks all access from unauthorised devices.



ENVIRONMENTALLY ADVANCED

Environmentally Conscious Design

- In **support of the RoHS directive**, The MXB382P is fully compliant by restricting the use of hazardous substances in their parts and materials.
- **Long-life toner cartridge** keeps running costs down and reduces waste.
- For increased environmental sustainability, the MX-B382P employs the same **refillable developer system** used in Sharp's award-winning A3 B/W MFDs.

Superb Energy Efficiency

- The MX-B382P has two levels of **energy-saving modes** to reduce or shut off electricity after a period of inactivity. Pressing the **power save key** after a job is finished immediately puts the MX-B382P into auto power shut-off mode for further cutbacks on running costs.
- A **short warm-up time** of 45 seconds or less contributes to reduced overall energy consumption.



Power save key

SHARP OSA (OPEN SYSTEMS ARCHITECTURE)

The MX-B382P supports the **Sharp OSA** development platform. This innovative technology allows users to interact with critical business and network applications and/or external account software right from the LCD control panel, offering a new realm of control and convenience. Since Sharp OSA utilises industry-standard network protocols, such as XML and SOAP, the MX-B382P can easily integrate with document management systems, enterprise resource planning software, workflow applications, and more.



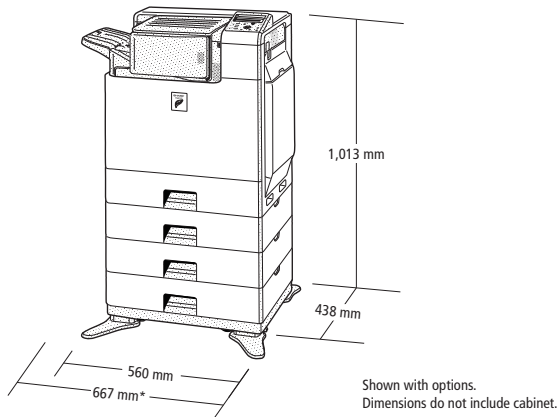
SPECIFICATIONS

General

Type	Desktop
Engine speed	Max. 38 ppm (A4)
Paper size	Max. A4, min. A5
Paper capacity (80 g/m ²)	Standard: 600 sheets (500-sheet tray and 100-sheet multi-bypass tray)
Paper weight	Maximum: 2,100 sheets Tray: 60 g/m ² to 105 g/m ² Multi-bypass tray: 55 g/m ² to 209 g/m ²
Warm-up time* ¹	45 sec. or less
First print time* ²	8.0 sec.
Memory	Standard 512MB, max. 1.5GB 80GB HDD* ³
Power requirements	230-240V AC, 50/60 Hz
Power consumption (max.)	1.84 kW
Dimensions (W x D x H)	560 x 438 x 610 mm
Weight* ⁴	Approx. 35.8 kg
Features	Toner save mode, pre-heat/auto power shut-off modes

Network Printer

Resolution	1,200 x 1,200 dpi, 600 x 600 dpi
Interface	USB 2.0 10Base-T/100Base-TX/1000Base-T
Supported OS	Windows Server® 2003/2008, Windows® 2000/XP, Windows Vista®, Windows® 7 Mac OS 9.0 to 9.2.2, Mac OS X 10.2.8, 10.3.9, 10.4.11, 10.5 to 10.5.8, 10.6 to 10.6.5
Network protocols	TCP/IP (IPv4, IPv6), IPX/SPX (NetWare), NetBEUI, EtherTalk (AppleTalk)
Printing protocols	LPR, Raw TCP (port 9100), POP3 (e-mail printing), HTTP, Novell Printserver application with NDS and Bindery, FTP for downloading print files, EtherTalk printing, IPP
PDL (emulation)	Standard: PCL 6/5e emulation, PS3 emulation Option: XPS* ⁵
Available fonts	80 fonts for PCL, 136 fonts for PS3 emulation
Features	RIP Once/Print Many, job retention (print hold* ⁶ , proof print, confidential print), direct PDF/TIFF/JPEG/XPS printing, carbon copy print, duplex print, font/form download, offset output, printer administration utility and status monitor, pamphlet style, IP/MAC address filtering, port/protocol management, binding edge, N-up (2/4/6/8/9/16), paper/output tray selection, cover/transparency insertion, fit to page, watermarks, form overlay, auto configuration, poster print, barcode font compatibility* ⁷ , secure network communications (SSL and IPsec [LPD]), document control* ⁸ , user authentication (1,000 accounts)

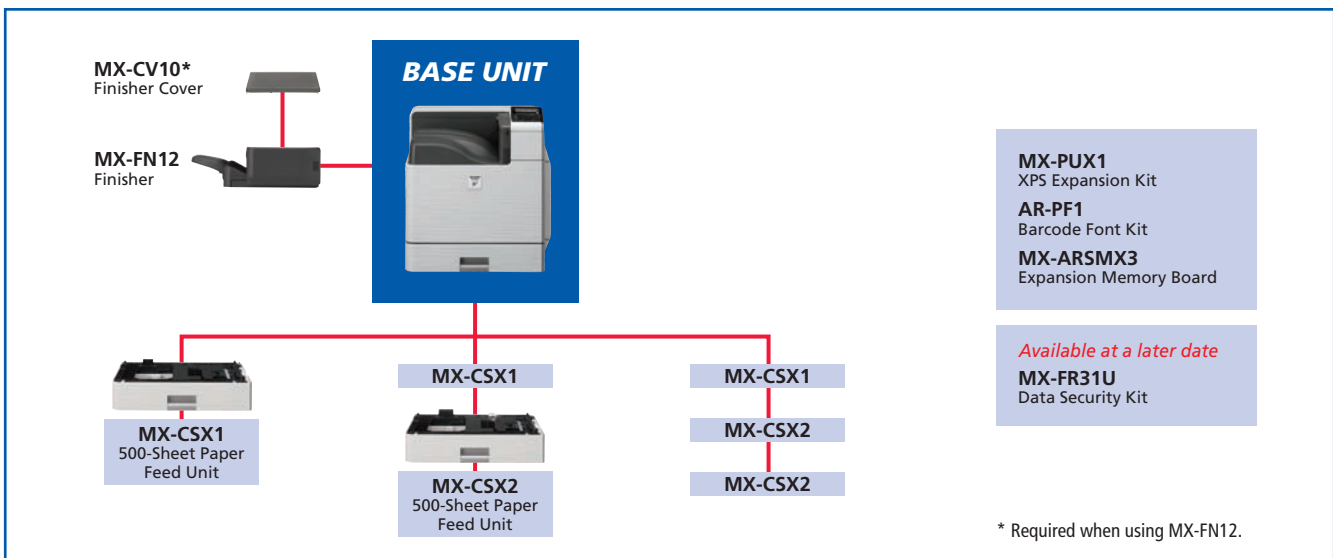


* 715 mm with inner finisher tray extended.
Max. width 1,023 mm with inner finisher tray extended and multi-bypass tray opened.

*1: At rated voltage, 23°C. May vary depending on operating conditions and environment.
*2: When feeding A4 sheets from 1st paper tray, printer in fully ready condition. May vary depending on operating conditions and environment.
*3: HDD capacity depends on procurement and sourcing status.
*4: Weight includes the drum.
*5: Requires optional MX-PUX1 and MX-ARSMX3.
*6: Holds up to 3,000 files or 10,000 pages (measured using Sharp's standard chart [A4 with 6% coverage, B/W]).
*7: Requires optional AR-PF1.
*8: Requires optional Data Security Kit.

- Design and specifications are subject to change without prior notice.
- Colour variations to products may occur due to printing.
- Some features require Optional items. Please consult with an authorised Sharp Reseller for details.
- All information and technical details are correct as at machine release date.
- Windows, Windows NT, Windows Server, and Windows Vista are registered trademarks of Microsoft Corporation in the United States and/or other countries. All other brand names and product names may be trademarks or registered trademarks of their respective owners.

SYSTEM CONFIGURATION & OPTIONS



Note: Certain options may not be available in some areas. Consult your local dealer for details.



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