SHARP

Be Original.

Compact Cubic Design perfect for the Modern Office Environment

Where will you put it?

Get the job done with a smartly designed full-colour A3 MFD from Sharp. It has a clean and compact 560 mm-wide profile, so you can place it on a desk, on a counter—almost anywhere. The simple interface of this MFD makes it easy and intuitive to operate. And its ability to handle a wide range of essential business functions is sure to enhance your workflow. As a standalone machine or as part of an office network of MFDs, it's built to fit in perfectly in any workplace.

AR (augmented reality) app

Read one of the QR Codes® on the right to download the free AReader® app, and use the app to read the AR marker printed on this page. The MFD will appear on your device screen as a virtual 3D image*.

*On-screen image not shown to scale.

iOS

Android™

4-in-1 Functionality

Four functions—copier, printer, scanner, and fax*—are packed into one compact unit.

*Requires optional BP-FX10.

Compact Size

Measuring just 560 × 560 × 653 mm, this MFD is small enough to place almost anywhere.

Direct Printing/Scanning with USB Drives

You can directly print from—or scan to—a USB drive, without using a PC.

Simulate installation with the AR app

Want to display a life-size image* of a Sharp MFD on your mobile device? Use the AR marker, which you can print out from Sharp's website. This makes it easy to imagine what the MFD will look like in your office or workplace. For details, visit http://www.sharp-world.com/products/copier/downloads/armarkers/ or scan the QR Code on the right.

*The measurement of the on-screen MFD may not appear exact in some cases.

Stylish Design

The MFD's simple cubic form and two-tone colouring matches any business setting.
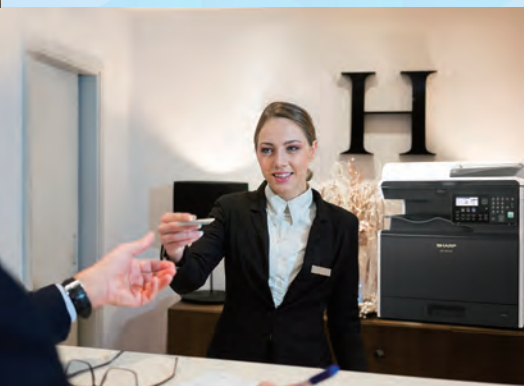
Wireless Connectivity*

The MFD can connect wirelessly with Wi-Fi-capable mobile devices.

*Requires optional MX-EB18.

Link with Mobile Devices

The Sharpdesk Mobile* app lets you smoothly print from—or scan to—a mobile device.

*For details, see the Sharpdesk Mobile support website: http://sharp-world.com/products/copier/docu_solutions/ mobile/sharpdesk_mobile/
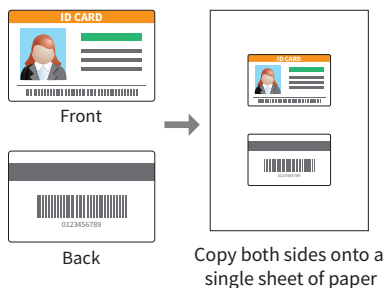
Fits a range of work styles

☐ Want to work more efficiently

☐ Want to print on different paper types

☐ Want to reduce paper use

ID Card Copy

The MFD has a dedicated key that lets you easily copy both sides of a card onto a single page. Whether it's an ID card or a driver's license, you save time, effort, *and* paper.

Front

Back

Copy both sides onto a single sheet of paper

Versatile Paper Handling

The main unit paper tray can take paper sizes from A3 to A5, while the multi bypass tray can also handle A6 paper. The optional paper feed units handle paper up to 220 g/m^2 thick, while the multi bypass tray takes paper up to 256 g/m^2 thick*[1]. In addition to plain paper, the MFD can handle a number of other paper types*[2], such as envelopes, removable adhesive paper, and glossy paper. Versatile paper handling like this gives you more scope for different printing applications.

*1: 256 g/m^2 thick paper cannot be fed via main unit paper tray.
*2: Must be fed via multi bypass tray.

Envelopes

Perforated card stock

Cardboard

Rye $2.00	Sourdough $4.50
Baguette $3.50	Cinnamon roll $3.25
Focaccia $4.75	Hot cross bun $2.25
Whole wheat $4.25	Spinach & feta roll $3.75
Multi-grain $5.00	Kaiser roll $1.75

Price cards
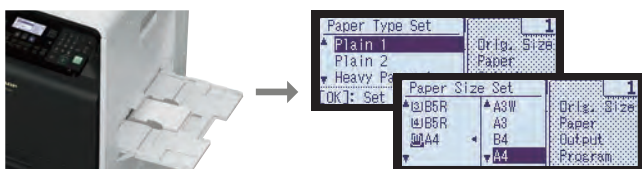
Table tents

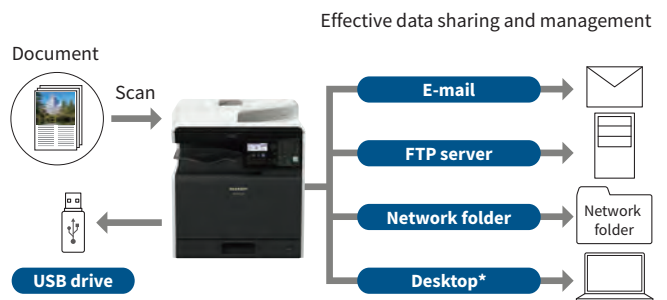Note: Contact a Sharp customer representative for details.

Automatic Paper Setting Screen

When you feed paper into the multi bypass tray, a paper setting window pops up automatically on the LCD control panel. You don't need to manually call up the setting screen.

Multiple Scan Destinations

There are many ways to distribute scanned documents. They can be sent to an FTP server, to a network folder, or to a USB drive. Or they can be sent directly to a designated PC desktop* or as e-mail attachments.

Effective data sharing and management

Document

Scan

E-mail

FTP server

Network folder

Network folder

USB drive

Desktop*

*Requires Network Scanner Tool Lite.

Automatic Document Feeding

An RSPF (reversing single pass feeder) efficiently feeds in up to 100 sheets of either one- or two-sided originals. Because you can feed in a batch of multiple pages at once, it boosts copying and scanning efficiency.

Poster Printing*

The MFD can enlarge an image (print data) by up to 16 times (4 × 4) and then divide it onto separate sheets for printing. You can then stick the sheets together to make a giant poster.
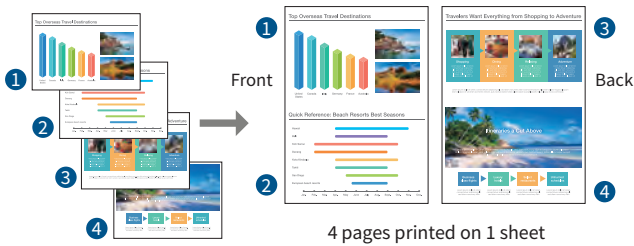
*For Windows® OS only

The sheets have a margin so you can glue them together

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Printing Two Pages on One Sheet

Duplex printing allows printing on both sides of a sheet of paper. The MFD can also print two pages of content on the same side of a sheet of paper. Using both of these functions at the same time lets you print four pages on one sheet. It's a great way to reduce paper use and cut paper costs.

Front   Back

4 pages printed on 1 sheet

Auto Zoom Selection and Fit-to-Page Function

The MFD automatically reduces or enlarges the image to fit the selected paper size. You don't need to manually set the zoom ratio, so there's less chance of printing errors.

Rotation Sort*

Every other copy of a document is rotated 90 degrees when it's delivered to the output tray. This takes the hassle out of sorting copies and comes in handy when you need to print many copies of multi-page documents.

*Two paper trays must be loaded with the same-sized paper in a different orientation (landscape and portrait).

Example: Making 2 copies of a 2-page document

The 2nd copy is stacked at 90 degrees from the previous one

1st copy   2nd copy

Network Scanner Tool Lite*

Document data scanned on the MFD can be sent to and stored on your PC via a network. With Network Scanner Tool Lite, you can easily store large-volume data (or many separate originals) in a specified folder on your PC.

*Download from the following website:
http://www.sharp-world.com/products/copier/downloads/

Print Hold and Confidential Print

The MFD's Print Hold function withholds output until you execute a print command from the control panel. For extra security, the Confidential Print function requires you to enter a PIN code at the MFD before printing can start.

Super G3 Fax*

The MFD can work as a Super G3 fax machine, employing JBIG data compression for fast transmission times. Sending files quickly helps to reduce transmission costs.

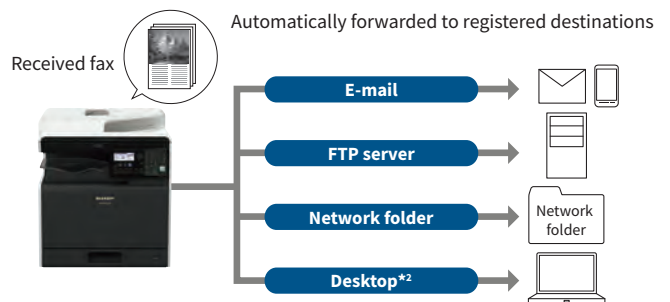*Requires optional BP-FX10.

PC-Fax Transmission*

You can directly send a document created on your PC to a recipient's fax machine via the MFD. This saves time, effort, *and* paper, because you don't need to print the document before faxing it.

Send a fax directly from a PC without printing to paper

PC-fax transmission

Phone line

*Requires optional BP-FX10.

Inbound Routing*[1]

Inbound routing lets you forward received faxes to a PC desktop[2], FTP server, network folder, or e-mail address without printing to paper.

Automatically forwarded to registered destinations

Received fax

E-mail

FTP server

Network folder → Network folder

Desktop*[2]

*1: Requires optional BP-FX10.
*2: Requires Network Scanner Tool Lite.

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☐ Want an MFD that can be used intuitively

☐ Want to protect confidential information

☐ Want to reduce power consumption

4-Inch 5-Line LCD with Backlight

The MFD's control panel is designed to be easy to use. Along with function icons and large buttons, it features a 4-inch 5-line LCD with backlight. The buttons are indented in the middle to make them easier to press.
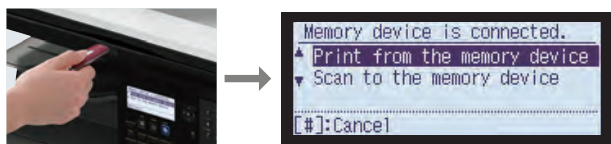
Free-Tilting Control Panel

The control panel can be tilted freely at various angles. This gives you easy viewing and easy operation, no matter where the MFD is placed or who is using it.

Pop-up Command Screen

Insert a USB drive into the MFD and a command screen will automatically pop up on the LCD. Right away you can print files from the USB drive or scan documents directly to the USB drive.

Eco Scan

The Eco Scan function saves energy by keeping the fusing system shut down whenever it's not needed—for example, when you're sending scans or faxes.

Auto Power Shut-off

To save electricity, an auto power shut-off function automatically puts the MFD into energy-saving mode after a period of inactivity.

Green LED status lamp | Fax function keys | Scanner program keys | ID Card Copy key | Red LED status lamp

LED Status Lamps

On the control panel are two LED lamps: one red, one green. These light up to notify you—even from a distance—that, for example, the machine is "now printing" or "out of paper."

Job Programs and Scanner Program Keys

These features let you register frequently used functions and settings for easy, one-touch recall. This eliminates the need to make settings each time.

SSL and IPsec

SSL encryption gives you secure network communications for actions such as printing, e-mailing, or accessing an FTP server. Network security is further boosted by IPsec, which encrypts packets of data sent over the IP network.

IP/MAC Address Filtering

Only PCs, smartphones, and tablets whose IP address or MAC address is registered are allowed to access the MFD.

User Authentication

User authentication restricts access to the MFD by requiring a password. Up to 30 users can be registered this way.
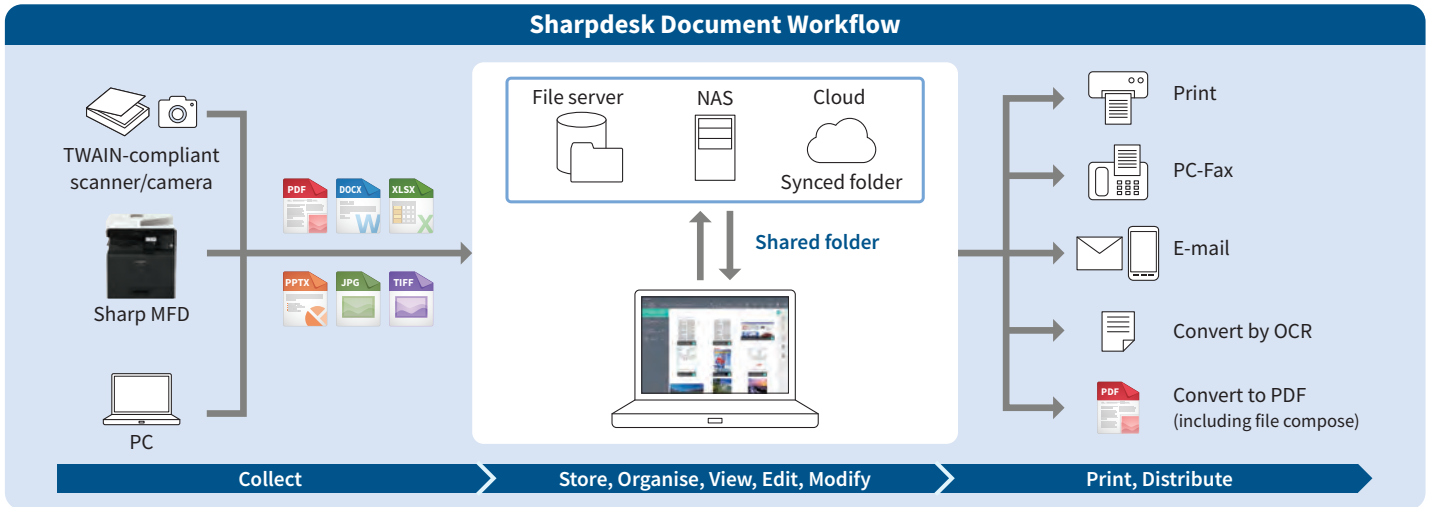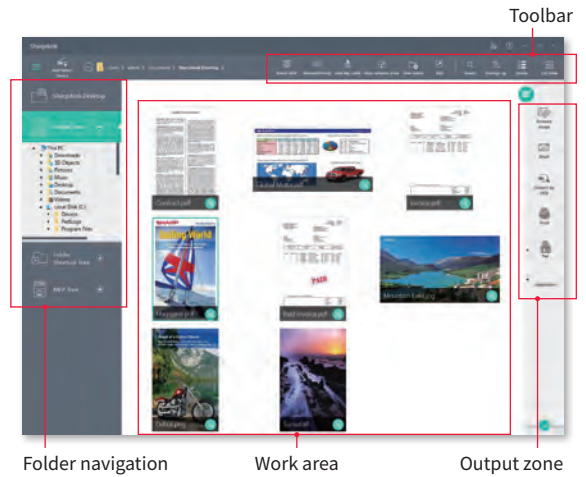
Data Erasure

Retained data, including personal information, can be erased when it's time to replace the MFD. This helps to protect your confidential information.
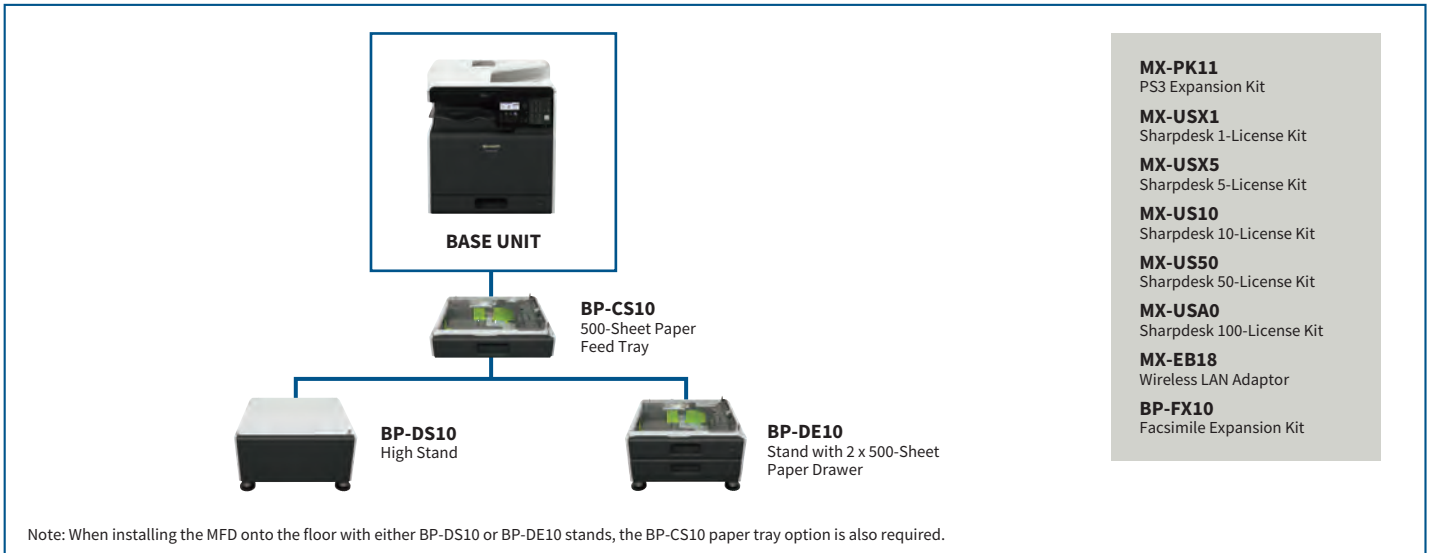
Sharpdesk* Software for Sharing and Collaborating in Small Workgroups

Sharpdesk is a comprehensive document management solution that allows you to seamlessly handle computer files as well as scanned documents and images. Using Sharpdesk's intuitive drag-and-drop interface, you can collect, store, organise, view, edit, modify, print, and distribute documents within a single application. It even supports OCR, so scanned images and text extracted and converted from existing files can be saved as a searchable PDF or Office Open XML file. Sharpdesk can be smoothly integrated with an MFD, a file server, or both. This allows departments and teams to use it as a simple workflow application that facilitates information sharing and collaboration.

*Requires optional Sharpdesk License Kit.

Toolbar

Folder navigation　　　Work area　　　Output zone

Sharpdesk Document Workflow

TWAIN-compliant scanner/camera

PDF　DOCX　XLSX

Sharp MFD

PPTX　JPG　TIFF

PC

File server　　NAS　　Cloud

Synced folder

Shared folder

Print

PC-Fax

E-mail

Convert by OCR

Convert to PDF (including file compose)

Collect　　　　Store, Organise, View, Edit, Modify　　　　Print, Distribute

System Configuration

BASE UNIT

BP-CS10
500-Sheet Paper Feed Tray

BP-DS10
High Stand

BP-DE10
Stand with 2 x 500-Sheet Paper Drawer

MX-PK11
PS3 Expansion Kit

MX-USX1
Sharpdesk 1-License Kit

MX-USX5
Sharpdesk 5-License Kit

MX-US10
Sharpdesk 10-License Kit

MX-US50
Sharpdesk 50-License Kit

MX-USA0
Sharpdesk 100-License Kit

MX-EB18
Wireless LAN Adaptor

BP-FX10
Facsimile Expansion Kit

Note: When installing the MFD onto the floor with either BP-DS10 or BP-DE10 stands, the BP-CS10 paper tray option is also required.

Specifications for Optional Equipment

BP-CS10 500-Sheet Paper Feed Tray

Paper size	A3 to A5*1
Paper capacity	500 sheets
Dimensions (W x D x H)	560 x 560 x 145 mm
Weight (approx.)	6.7 kg

BP-DE10 Stand with 2 x 500-Sheet Paper Drawer

Paper size	Upper and lower tray	A3 to A5*1
Paper capacity	Upper and lower tray	500 sheets each
Dimensions (W x D x H)		560 x 585 x 329 mm
Weight (approx.)		21 kg

BP-DS10 High Stand

Dimensions (W x D x H)*2	560 x 585 x 311 mm
Weight (approx.)	11 kg

Note: All specifications relating to paper capacity refer to 80 g/m² paper.

*1: Only short-edge feeding can be used with A5 paper.
*2: Including adjusters and protuberances.

BP-20C25/20C20 Digital Full Colour Multifunctional System

SPECIFICATIONS

General

Type	Desktop
Engine speed	A4*1: Max. 25/20 ppm
	A3: Max. 14/12 ppm
Control panel display	4-inch 5-line LCD
Paper size	Max. A3W, min. A6*2
Paper capacity	Standard: 350 sheets
(80 g/m²)	(250-sheet tray and 100-sheet multi bypass tray)
	Maximum: 1,850 sheets
	(350 sheets & optional 3 x 500-sheet tray)
Paper weight	Tray 1: 60 g/m² to 105 g/m²
	Trays 2–4 (BP-CS10/DE10): 60 g/m² to 220 g/m²
	Multi bypass tray: 55 g/m² to 256 g/m²
Warm-up time*3	29 sec.
Memory	2 GB (copy/print shared)
Power requirements	Rated local AC voltage ±10%, 50/60 Hz
Power consumption	Max. 1.84 kW (220 V to 240 V)
Dimensions (W x D x H)	560 x 560 x 653 mm
Weight (approx.)	52 kg

Copier

Original paper size	Max. A3
First copy time*4	Colour: 11.5 sec.　　B/W: 8.0 sec.
Continuous copy	Max. 999 copies
Resolution	Scan: 600 x 600 dpi, 600 x 400 dpi
	Print: 600 x 600 dpi
Gradation	Equivalent to 256 levels
Zoom range	25% to 400% (25% to 200% using RSPF) 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] Max. 37 originals/min.
Resolution	Push scan: 100, 150, 200, 300, 400, 600 dpi
	Pull scan: 75, 100, 150, 200, 300, 400, 600 dpi
	50 dpi to 9,600 dpi via user setting*6
File formats	TIFF, PDF, JPEG*7
Scan destinations	Scan to e-mail/desktop*8/FTP server/network folder (SMB)/
	USB drive

Network Printer

Resolution	600 x 600 dpi
Interface	USB 2.0 (host, high-speed), 10Base-T/100Base-TX/1000Base-T,
	wireless LAN (IEEE 802.11 b/g/n)*9
Supported OS*10	Windows Server® 2008, Windows Server® 2008 R2,
	Windows Server® 2012, Windows Server® 2012 R2,
	Windows Server® 2016, Windows Server® 2019, Windows® 7,
	Windows® 8.1, Windows® 10,
	Mac OS 10.6, 10.7, 10.8, 10.9, 10.10, 10.11, 10.12, 10.13, 10.14
Network protocols	TCP/IP
Printing protocols	LPR, Raw TCP (port 9100), FTP for downloading print files,
	IPP, WSD
PDL	Standard: PCL 6 emulation
	Option: PostScript® 3™ emulation
Available fonts	80 fonts for PCL, 136 fonts for PostScript 3 emulation

B/W Facsimile (requires optional BP-FX10)

Compression method	MH/MR/MMR/JBIG
Communication protocol	Super G3/G3
Transmission time	Less than 3 seconds*11
Modem speed	33,600 bps to 2,400 bps with automatic fallback
Transmission resolution	From Standard (203.2 x 97.8 dpi) to
	Ultra Fine (406.4 x 391 dpi)
Recording size	A3 to A5
Memory	64 MB (built-in)
Greyscale levels	Equivalent to 256 levels

- Design and specifications are subject to change without prior notice.
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*1:　Long-edge feeding.
*2:　Only short-edge feeding can be used with A6 paper.
*3:　In a standard measurement environment. May vary depending on operating conditions and environment.
*4:　Long-edge feeding of A4 sheets from 1st paper tray, using document glass, MFD in fully ready condition. May vary depending on operating conditions and environment.
*5:　Scan speed will vary depending on the type of document, the scan settings, operating conditions, and environment. Based on Sharp's A4 standard chart, using document feeder, long-edge feeding, one-sided scanning, and factory default settings.
*6:　Resolution will vary depending on the size of the scanned area.
*7:　Colour/greyscale only.
*8:　Requires Network Scanner Tool Lite.
*9:　Requires optional MX-EB18.
*10:　Requires optional MX-PK11 for Mac OS.
*11:　Based on Sharp's standard chart with approx. 700 characters (A4 feeding) at standard resolution in Super G3 mode, 33,600 bps, JBIG compression.
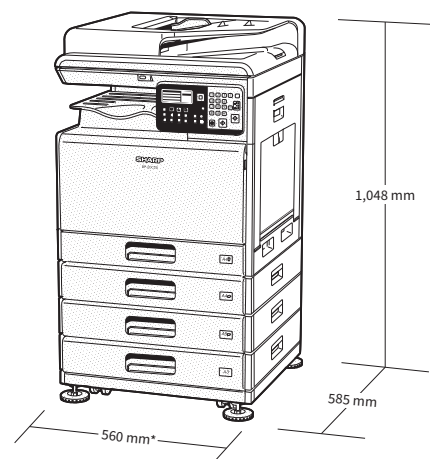

1,048 mm

585 mm

560 mm*

* 882 mm when multi bypass tray is extended.

Shown with optional equipment.