

## Informacije o proizvodu (EN)

KYOCERA multifunkcijski štampač ECOSYS MA4500ifx

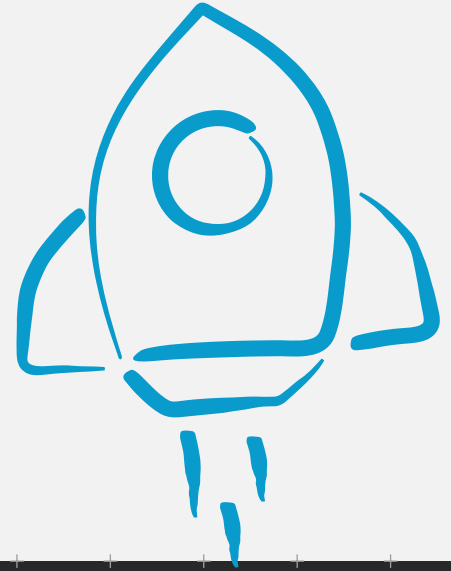


Tehnoteka je online destinacija za upoređivanje cena i karakteristika bele tehnike, potrošačke elektronike i IT uređaja kod trgovinskih lanaca i internet prodavnica u Srbiji. Naša stranica vam omogućava da istražite najnovije informacije, detaljne karakteristike i konkurentne cene proizvoda.

Posetite nas i uživajte u ekskluzivnom iskustvu pametne kupovine klikom na link:

<https://tehnoteka.rs/p/kyocera-multifunkcijski-stampac-ecosys-ma4500ifx-akcija-cena/>

# Instant workflow transformation



**ECOSYS MA6000ifx Series**



**A4 Monochrome MFPs**

**45-60 pages A4 per minute**

**Duplex printing and scanning**

**1200x1200 dpi resolution**

**Mobile printing**

# Unrivalled agility for your workflows

Ideal for small to medium workgroups and remote offices, the **ECOSYS MA6000ifx Series** represents the perfect tool for the modern professional. These compact and versatile multifunctional printers have found the **sweet spot** between compactness, output quality, productivity, and data security.

In the hybrid working age, success will be defined by those who equip staff with the tools needed to work with the same quality, productivity, and security regardless of where they operate from.

**The ECOSYS MA6000ifx Series has answered the call.**



## High productivity

With up to 60 prints per minute, the ECOSYS MA6000ifx Series is perfect for workspaces that have a need for speed.



## Outstanding uptime

A robust design ensures reliability, while multiple paper feed detection eliminates frustrating downtime.



## Award-winning security

Kyocera's K-Level security gives important business documents outstanding protection.



## Maximum efficiency

Add high-quality prints, copies, and scans to your workflows while consuming less energy.



## Quality that lasts

With laser-sharp texts and clear fine lines, users get stunning output from the first page to the last.



## Agile workflows

Mobile printing capabilities enable professionals to bring their productivity with them.



## User-friendly

An attractive and intuitive interface makes it simple to carry out your tasks without wasting valuable time.



## The perfect fit

With a compact design, these devices are ideal for smaller workspaces or home offices.

The ECOSYS MA6000ifx Series represents a **modern twist** on our famous ECOSYS technology, a series designed to exceed expectations of businesses in the hybrid working age. With a maximum print volume of up to **300,000 pages per month** and a standard 600-sheet paper capacity that can be expanded to 2,600 sheets, **the ECOSYS MA6000ifx Series is equipped to thrive in environments that prize both quantity and quality.**



# Sustainable success

**Doing the right thing as a human being** is at the heart of our philosophy – it guides our present and inspires our future, driving us to do what’s best for our customers and the world around us.

For more than 30 years, Kyocera’s **pioneering ECOSYS technology** has been leading the way in sustainable printing, proof that it’s possible to enjoy superior output while reducing energy usage. It continues to show that it’s possible to **do more with less**. With ECOSYS, businesses seeking to keep their electricity bills under control no longer have to choose between quality and productivity.



## Energy-efficient

Low energy consumption meets high print volumes and superior output quality.



## Optimised resources

Reduced electricity bills free up money that can be used to invest in your business.



## Long-life quality

Robust devices that last ensure technician site visits and repair expenses are minimised.



## Reduced waste

ECOSYS’s toner-only system eliminates the need to replace drums when the toner runs out of ink.

The ECOSYS MA6000ifx Series combines **cutting-edge innovation** with **the best of ECOSYS technology** to raise the bar even further in sustainability. **It’s our way of reimagining a brighter tomorrow for future generations.**

# Priceless peace of mind

Today's businesses face new cybersecurity threats. The hybrid working age has brought about unprecedented levels of enterprise mobility but, with the volume of remote devices connecting to shared networks increasing by the day, **organisations need to quickly rethink how they're going to protect their confidential information.** Many of the tools that did the job just a few years ago are no longer a match for new, more complex security threats.

With the ECOSYS MA6000ifx Series, however, users get the very best of modern data security. **Kyocera's K-Level security has been recognised by Keypoint Intelligence** for the truly outstanding protection it gives printing devices. It goes that extra mile, giving you one less thing to worry about.



#### Strict access

Only authorised users can access your ECOSYS device, ensuring your data remains safe.



#### Full visibility

With SIEM, device monitoring allows you to instantly detect unauthorised activities and potential threats.



#### Secure mail

S/MIME encryption gives extra protection to e-mails and attachments, two key targets for hackers.



#### Data integrity

TLS 1.3 adds further encryption to your workflows, keeping data under lock and key.



#### Automatic certificate

SCEP removes the pains around certificate retrieval. Save time and reduce your IT costs!



## ECOSYS MA4500x & MA4500fx

### GENERAL

KYOCERA ECOSYS Laser Monochrome Multifunctional  
**Operation panel:** 21 characters x 5 lines (With back-light)  
**Type:** Desktop  
**Engine speed:** Up to 45 pages A4 per minute;  
 Duplex print speed: 22.5 page per minute, A4  
 Duplex copy speed: 22.5 page per minute, A4  
**Resolution:** 1200 x 1200 dpi (print); 600 x 600 dpi (scan/copy)  
**Recommended Print Volume<sup>1</sup>:** 3,000 images per month.  
**Maximum Print Volume<sup>1</sup>:** 150,000 images per month.  
**Maximum Life<sup>1</sup>:** 900,000 images or 5 years.  
**Recommended Scan Volume<sup>1</sup>:** 1,800 images per month.  
**Warm-up time:** Approx. 16 seconds or less.  
**Time to first print:** Approx. 5.3 seconds or less.  
**Time to first copy:** Approx. 6 or less (DP);  
 Approx. 7 or less (Platen).  
**CPU:** ARM Cortex-A53 Dual core 1.4GHz.  
**Memory:** Standard 1GB; Max. 3GB (optional).  
**Standard interfaces:** USB 2.0 (Hi-Speed), 1 x USB Host  
 Interface, Gigabit Ethernet (10BaseT/100BaseTX/  
 1000BaseT), optional Wireless LAN (IEEE 802.11b/g/n),  
 1 x eKUIO slot for optional internal print server or  
 SSD hard disc, Slot for optional SD Card.  
**Integrated accounting:** 100 department codes.  
**Dimensions (W x D x H):** Without packaging:  
 475 x 476 x 575 mm (without protrusions);  
 475 x 476 x 575 mm (including protrusions);  
 With packaging: 607 x 570 x 695 mm  
**Weight:** Without packaging: Approx. 22.8 kg (with bundled toner)  
 Approx. 22.3 kg (without bundled toner)  
 With packaging: 30 kg  
**Power source:** AC 220 ~ 240 V, 50/60 Hz  
**Power consumption:**  
**ECOSYS MA4500x:**  
 Printing: 584.7 W  
 Copying: 601.6 W  
 Ready mode: 54.9 W  
 Low power mode: 38.3 W  
 Sleep-mode: 0.5 W  
**ECOSYS MA4500fx:**  
 Printing: 594.1 W  
 Copying: 606 W  
 Ready mode: 55.9 W  
 Low power mode: 38.3 W  
 Sleep-mode: 0.6 W  
**Noise (sound pressure level: ISO 7779/ISO 9296):**  
 Copying/Printing: 54 dB (A)  
 Stand-by: 30 dB (A)  
**Safety standards:** TÜV/GS, CE  
 This unit is manufactured according to ISO 9001 quality  
 standard and ISO 14001 environmental standard.

### PAPER HANDLING

All paper capacities quoted are based on paper thickness  
 of max. 0.11 mm. Please use paper recommended by  
 KYOCERA under normal environmental conditions.  
**Input capacity:** Multi-purpose tray: 100 sheets, 60 to 220 g/m<sup>2</sup>,  
 A4, A5, A6, B5, B6, Letter, Legal, Folio, Custom  
 (70 x 140 to 216 x 356 mm), Banner paper up to 915 mm.  
 Standard universal paper cassette: 500 sheet, 60–120 g/m<sup>2</sup>, A4,  
 A5, B5, Letter, Legal, Folio, Custom (140 x 210 to 216 x 356 mm).  
 Max. input capacity with options: 2,600 sheets.  
**Duplex:** Standard duplex unit, 60 to 120 g/m<sup>2</sup>, A4, A5, B5,  
 Letter, Legal, Custom (140x 210 mm - 216 x 356 mm).  
**Document Processor:** Reverse Auto Document Processor  
 as standard, 75 sheets, 50–120 g/m<sup>2</sup>, A4, A5, A6, B5,

Letter, Legal, Custom (105 x 148 to 216 x 356 mm).  
**Output capacity:** Max. 250 sheets face down.

### PRINT FUNCTIONS

**Controller language:** PRESCRIBE  
**Emulations:** PCL6 (5c/XL), KPDL3 (PostScript 3 compatible),  
 PDF Direct Print, XPS Direct Print, AES support, TIFF/JPEG  
 Direct Print Support, Open XPS, URF, PWG Raster,  
 PCLm, Line Printer, IBM Proprinter, Epson LQ-850.  
**Operating systems:** All current Windows operating  
 systems, MAC OS X Version 10.9 or higher, Chrome OS, Linux, as  
 well as other operating systems on request.  
**Fonts/barcodes:** 93 outline fonts (PCL6, KPDL3), 4 fonts (Calibri),  
 4 fonts (Cambria), 1 Bitmap font, 45 types of one-dimensional  
 barcodes, 1 type of two-dimensional barcode (PDF417).  
**Print features:** PDF Direct Print, Internet printing IPP 1.0,  
 E-mail printing, WSD print, secure printing IPP over TLS, Local  
 and network authentication, Network data encryption IPsec,  
 HTTPS, LDAP over TLS, SNMPv3, SMTP over TLS, POP over  
 TLS, Encrypted PDF Direct Print, TLS 1.3, Secure Boot, Run-time  
 Integrity Check, Universal Print, Printing for Chrome OS.  
**Mobile printing support:** KYOCERA Mobile  
 Print app for iOS and Android, AirPrint, Mopria,  
 Microsoft Universal Print, Wi-Fi Direct (Opt).

### COPY FUNCTIONS

**Max. original size:** A4/Legal.  
**Continuous copying:** 1–999.  
**Zoom range:** 25–400% in 1% steps.  
**Preset magnification ratios:** 7 Reductions / 5 Enlargements.  
**Image adjustments:** Text + Photo, Photo, Text, Chart/Map,  
 Printed document.  
**Features:** Electronic sort (collate), ID card copy, 2in1, 4in1, auto  
 cassette change, Skip blank page, Skip Line.

### SCAN FUNCTIONS

**Functionality:** Scan-to-Email, Scan-to-FTP, Scan-to-SMB, Scan to  
 USB Host, Network TWAIN, WIA, WSD scan, Chrome OS (Scan),  
 AirPrint, Mopria.  
**Scan speed Simplex:** 60 ipm (300 dpi, A4, b/w);  
 40 ipm (300 dpi, A4 colour)  
**Scan speed Duplex:** 26 ipm (300dpi, A4, b/w);  
 17 ipm (300 dpi, A4, colour)  
**Scan resolution:** 600, 400, 300, 200 dpi; 256 greyscales per colour  
**Max. scan size:** A4, Legal, Banner paper (max 915mm).  
**Original recognition:** Text, photo, text + photo, light text  
**File types:** TIFF/JPEG, XPS, Open XPS, PDF, PDF/A, PDF/A-  
 1a/b, PDF/A-2a/b/u, Encrypted PDF, High compression PDF.  
**Compression method:** MMR/JPEG  
**Features:** Banner Scan, Colour scan, integrated address book,  
 Active Directory support, encrypted data transfer, multi send  
 (e-mail, fax, SMB/FTP folder, print) at once, Blank page skip.

### FAX FUNCTIONS (ECOSYS MA4500fx)

**Compatibility:** Super G3.  
**Modern speed:** Max. 33.6 kbps.  
**Transmission speed:** Max. 3 seconds (IBIG).  
**Scanning speed:** 2.0 seconds or less.  
**Address book:** 200 entries  
**Scanning density:**  
 Normal: 8 dot/mm x 3.85 line/mm (200 x 100 dpi)  
 Fine: 8 dot/mm x 7.7 line/mm (200 x 200 dpi)  
 Superfine: 8 dot/mm x 15.4 line/mm (200 x 400 dpi)  
 Ultrafine: 16 dot/mm x 15.4 line/mm (400 x 400 dpi)  
 Halftone: 256 grey scales  
**Maximum original size:** A4/Legal, Banner (max 915mm)  
**Compression method:** IBIG, MMR, MR, MH.

**Memory reception:** 256 sheets or more.  
**Features:** Network fax, duplex transmission and  
 reception, encrypted transmission and reception,  
 polling transmission and reception, broadcast.

### CONSUMABLES

Average continuous toner yield in accordance with  
 ISO/IEC 19752.  
**TK-3400 Toner Kit:**  
 Microfine toner black for 12,500 pages A4.  
 Capacity of starter toner is 6,000 pages A4.

### OPTIONS

**PF-3110 Paper feeder (max. 4 units):** Max. 500 sheets,  
 60 - 120 g/m<sup>2</sup>; A4, A5, B5, Letter, Legal,  
 Custom (92 x 162 mm - 216 x 356 mm)  
**CB-360W-B Cabinet:** Wooden desk with storage  
 capacity, Approx. 380 x 411 x 508 mm (WxDxH)  
**CB-365W-B Cabinet:** Wooden desk with storage  
 capacity, Approx. 380 x 411 x 254 mm (WxDxH)  
**CA-3100 Caster Unit:** for increased stability. Mandatory  
 when installing 4 optional paper feeders.  
**Memory upgrade:** MM-21(2GB)/MM-20(1GB),  
 DDR3-144pin DIMM  
**Storage Devices for easy document management:**  
 HD-17 SSD hard disk: 64GB  
 HD-18 SSD hard disk: 256GB  
 HD-19 SSD hard disk: 512GB

### SECURITY

Data Security Standard  
**UG-33:** ThinPrint support  
**UG-50:** TPM (Trusted Platform Module)  
**USB IC Card Reader + Card Authentication Kit (B):**  
 Support for various authentication keys available.  
 The card holder is standard.  
**Optional interface:**  
**IB-37:** Wireless LAN (802.11b/g/n, 2.4-GHz and 5-GHz)  
 with Wi-Fi Direct  
**IB-38:** Wireless LAN (802.11b/g/n, 2.4-GHz)  
 with Wi-Fi Direct  
**IB-50:** Gigabit-Ethernet board 10 BaseT/100 BaseTX/1,000 BaseT  
**IB-51:** Wireless LAN Interface (802.11b/g/n)

### WARRANTY

1-year warranty as standard \*\*. KYOCERA guarantees  
 the drum and developer for 3 years or 300,000 pages  
 (whichever occurs sooner), provided each device is used  
 and cleaned in accordance with the service instructions.

### KYOCERA LIFE

Up to 5-year on-site warranty extensions available for  
 product and options.

### WHAT'S IN THE BOX:

Main unit, starter toner, waste toner box, Quick guide, Safety  
 Guide, Operation panel sheet, power supply cord.

\*The device is not designed to achieve the specified volumes  
 in continuous operation. The maximum volumes relate to  
 the use of the print or scan unit and include their use for the  
 printing, copying and scanning functions. Note: In this context,  
 a copied page corresponds to a scanned and a printed page.

ECOSYS stands for ECOlogy, ECONomy and SYSTEM printing.  
 With their long-life components, ECOSYS devices are  
 designed to maximise durability and minimise the total cost  
 of ownership with regard to maintenance, administration  
 and consumables. The cartridge-free system means that only  
 the toner has to be replaced regularly. The modular design  
 concept allows you to add workflowenhancing functions as  
 required. Integrated system software provides long-term  
 crossnetwork compatibility. KYOCERA's long-life components  
 cost you and the environment less.



ECOSYS MA6000ifx Series



# ECOSYS MA4500ix & MA4500ifx

## GENERAL

KYOCERA ECOSYS Laser Monochrome Multifunctional HyPAS™ solution platform

**Operation panel:** 177.8 mm (7 inch) full-colour touch panel display, speaker for job notification, Tilt Mechanism

**Type:** Desktop

**Engine speed:** Up to 45 pages A4 per minute; Duplex print speed: 22.5 page per minute, A4 Duplex copy speed: 22.5 page per minute, A4

**Resolution:** 1200 x 1200 dpi (print); 600 x 600 dpi (scan/copy)

**Recommended Print Volume:** 3,000 images per month.

**Maximum Print Volume:** 150,000 images per month.

**Maximum Life:** 900,000 images or 5 years.

**Recommended Scan Volume:** 1,800 images per month.

**Warm-up time:** Approx. 23 seconds or less.

**Time to first print:** Approx. 5.3 seconds or less.

**Time to first copy:** Approx. 6 or less (DP); Approx. 7 or less (Platen).

**CPU:** ARM Cortex-A53 Dual core 1.4GHz.

**Memory:** Standard 1.5GB; Max. 3.5GB (optional).

**Standard interfaces:** USB 2.0 (Hi-Speed), 1 x USB Host Interface, Gigabit Ethernet (10BaseT/100BaseTX/1000BaseT), optional Wireless LAN (IEEE 802.11b/g/n), 1 x eKUIO slot for optional internal print server or SSD hard disc, Slot for optional SD Card.

**Integrated accounting:** 100 department codes.

**Dimensions (W x D x H):** Without packaging: 475 x 476 x 575 mm (without protrusions); 475 x 476 x 575 mm (including protrusions); With packaging: 607 x 570 x 695 mm

**Weight:** Without packaging: Approx. 23 kg (with bundled toner) Approx. 22.5 kg (without bundled toner) With packaging: 30 kg

**Power source:** AC 220 - 240 V, 50/60 Hz

**Power consumption:**

**ECOSYS MA4500ix:**  
Printing: 599.4 W  
Copying: 591.9 W  
Ready mode: 57.2 W  
Low power mode: 35 W  
Sleep-mode: 0.5 W

**ECOSYS MA4500ifx:**  
Printing: 563.8 W  
Copying: 626.3 W  
Ready mode: 56.3 W  
Low power mode: 36.3 W  
Sleep-mode: 0.5 W

**Noise (sound pressure level: ISO 7779/ISO 9296):**  
Copying/Printing: 54 dB (A)  
Stand-by: 30 dB (A)

**Safety standards:** TÜV/GS, CE

This unit is manufactured according to ISO 9001 quality standard and ISO 14001 environmental standard.

## PAPER HANDLING

All paper capacities quoted are based on paper thickness of max. 0.11 mm. Please use paper recommended by KYOCERA under normal environmental conditions.

**Input capacity:** Multi-purpose tray: 100 sheets, 60 to 220 g/m<sup>2</sup>, A4, A5, A6, B5, B6, Letter, Legal, Folio, Custom (70 x 140 to 216 x 356 mm), Banner paper up to 915 mm.

Standard universal paper cassette: 500 sheet, 60–120 g/m<sup>2</sup>, A4, A5, B5, Letter, Legal, Folio, Custom (140 x 210 to 216 x 356 mm).

Max. input capacity with options: 2,600 sheets.

**Duplex:** Standard duplex unit, 60 to 120 g/m<sup>2</sup>, A4, A5, B5, Letter, Legal, Custom (140x 210 mm - 216 x 356 mm).

**Document Processor:** Reverse Auto Document Processor as standard, 75 sheets, 50–120 g/m<sup>2</sup>, A4, A5, A6, B5,

Letter, Legal, Custom (105 x 148 to 216 x 356 mm).  
**Output capacity:** Max. 250 sheets face down.

## PRINT FUNCTIONS

**Controller language:** PRESCRIBE

**Emulations:** PCL6 (5c/XL), KPDL3 (PostScript 3 compatible), PDF Direct Print, XPS Direct Print, AES support, TIFF/JPEG Direct Print Support, Open XPS, URF, PWG Raster, PCLm, Line Printer, IBM Proprinter, Epson LQ-850.

**Operating systems:** All current Windows operating systems, MAC OS X Version 10.9 or higher, Chrome OS, Linux, as well as other operating systems on request.

**Fonts/barcodes:** 93 outline fonts (PCL6, KPDL3), 4 fonts (Calibri), 4 fonts (Cambria), 1 Bitmap font, 45 types of one-dimensional barcodes, 1 type of two-dimensional barcode (PDF417).

**Print features:** PDF Direct Print, Internet printing IPP 1.0, E-mail printing, WSD print, secure printing IPP over TLS, Local and network authentication, Network data encryption IPsec, HTTPS, LDAP over TLS, SNMPv3, SMTP over TLS, POP over TLS, Encrypted PDF Direct Print, TLS 1.3, Secure Boot, Run-time Integrity Check, Universal Print, Printing for Chrome OS.

**Mobile printing support:** KYOCERA Mobile Print app for iOS and Android, AirPrint, Mopria, Microsoft Universal Print, Wi-Fi Direct (Opt).

## COPY FUNCTIONS

**Max. original size:** A4/Legal.

**Continuous copying:** 1–999.

**Zoom range:** 25–400% in 1% steps.

**Preset magnification ratios:** 7 Reductions / 5 Enlargements.

**Image adjustments:** Text + Photo, Photo, Text, Chart/Map, Printed document.

**Features:** Electronic sort (collate), ID card copy, 2in1, 4in1, auto cassette change, Skip blank page, Skip Line, DP Auto-cropping.

## SCAN FUNCTIONS

**Functionality:** Scan-to-Email, Scan-to-FTP, Scan-to-SMB, Scan to USB Host, Network TWAIN, WIA, WSD scan, Chrome OS (Scan), AirPrint, Mopria.

**Scan speed Simplex:** 60 ipm (300 dpi, A4, b/w); 40 ipm (300 dpi, A4 colour)

**Scan speed Duplex:** 26 ipm (300dpi, A4, b/w); 17 ipm (300 dpi, A4, colour)

**Scan resolution:** 600, 400, 300, 200 dpi; 256 greyscales per colour

**Max. scan size:** A4, Legal, Banner paper (max 915mm).

**Original recognition:** Text, photo, text + photo, light text, optimised for OCR.

**File types:** TIFF/JPEG, XPS, Open XPS, PDF, PDF/A, PDF/A-1a/b, PDF/A-2a/b/u, Encrypted PDF, High compression PDF.

**Compression method:** MMR/JPEG

**Features:** Banner Scan, Colour scan, integrated address book, Active Directory support, encrypted data transfer, multi send (e-mail, fax, SMB/FTP folder, print) at once, Blank page skip.

## FAX FUNCTIONS (ECOSYS MA4500ifx)

**Compatibility:** Super G3.

**Modern speed:** Max. 33.6 kbps.

**Transmission speed:** Max. 3 seconds (IBIG).

**Scanning speed:** 2.0 seconds or less.

**Address book:** 200 entries

**Scanning density:**  
Normal: 8 dot/mm x 3.85 line/mm (200 x 100 dpi)  
Fine: 8 dot/mm x 7.7 line/mm (200 x 200 dpi)  
Superfine: 8 dot/mm x 15.4 line/mm (200 x 400 dpi)  
Ultrafine: 16 dot/mm x 15.4 line/mm (400 x 400 dpi)  
Half-tone: 256 grey scales

**Maximum original size:** A4/Legal, Banner (max 915mm)

**Compression method:** IBIG, MMR, MR, MH.

**Memory reception:** 256 sheets or more.

**Features:** Network fax, duplex transmission and reception, encrypted transmission and reception, polling transmission and reception, broadcast.

## CONSUMABLES

Average continuous toner yield in accordance with ISO/IEC 19752.

**TK-3300 Toner Kit:** Microfine toner black for 14,500 pages A4. Capacity of starter toner is 6,000 pages A4.

## OPTIONS

**PF-3110 Paper feeder (max. 4 units):** Max. 500 sheets, 60 - 120 g/m<sup>2</sup>; A4, A5, B5, Letter, Legal, Custom (92 x 162 mm - 216 x 356 mm)

**CB-360W-B Cabinet:** Wooden desk with storage capacity, Approx. 380 x 411 x 508 mm (WxDxH)

**CB-365W-B Cabinet:** Wooden desk with storage capacity, Approx. 380 x 411 x 254 mm (WxDxH)

**CA-3100 Caster Unit:** for increased stability. Mandatory when installing 4 optional paper feeders.

**Memory upgrade:** MM-21(2GB)/MM-20(1GB), DDR3-144pin DIMM

**Storage Devices for easy document management:**  
HD-17 SSD hard disk: 64GB  
HD-18 SSD hard disk: 256GB  
HD-19 SSD hard disk: 512GB

**Scan Extension Kit (A):** Scan to searchable PDF (embedded OCR) or to MS Office (docx, xlsx, pptx), HD or SD card is needed.

## SECURITY

Data Security Standard

**UG-33:** ThinPrint support

**UG-50:** TPM (Trusted Platform Module)

**USB IC Card Reader + Card Authentication Kit (B):** Support for various authentication keys available.

**IC Card Reader Holder 10:** To integrate the USB IC Card.

**Optional interface:**  
**IB-37:** Wireless LAN (802.11b/g/n, 2.4-GHz and 5-GHz) with Wi-Fi Direct  
**IB-38:** Wireless LAN (802.11b/g/n, 2.4-GHz) with Wi-Fi Direct  
**IB-50:** Gigabit-Ethernet board 10 BaseT/100 BaseTX/1,000 BaseT  
**IB-51:** Wireless LAN Interface (802.11b/g/n)

## WARRANTY

1-year warranty as standard \*\*. KYOCERA guarantees the drum and developer for 3 years or 300,000 pages (whichever occurs sooner), provided each device is used and cleaned in accordance with the service instructions.

## KYOCERA LIFE

Up to 5-year on-site warranty extensions available for product and options.

## WHAT'S IN THE BOX:

Main unit, starter toner, waste toner box, Quick guide, Safety Guide, Operation panel sheet, power supply cord.

\*The device is not designed to achieve the specified volumes in continuous operation. The maximum volumes relate to the use of the print or scan unit and include their use for the printing, copying and scanning functions. Note: In this context, a copied page corresponds to a scanned and a printed page.

ECOSYS stands for ECOlogy, ECONomy and SYSTEM printing. With their long-life components, ECOSYS devices are designed to maximise durability and minimise the total cost of ownership with regard to maintenance, administration and consumables. The cartridge-free system means that only the toner has to be replaced regularly. The modular design concept allows you to add workflowenhancing functions as required. Integrated system software provides long-term crossnetwork compatibility. KYOCERA's long-life components cost you and the environment less.

HyPAS™



ECOSYS MA6000ifx Series



**GENERAL**

KYOCERA ECOSYS Laser Monochrome Multifunctional HyPAS™ solution platform  
**Operation panel:** 177.8 mm (7 inch) full-colour touch panel display, speaker for job notification, Tilt Mechanism.  
**Type:** Desktop  
**Engine speed:** Up to 55 pages A4 per minute;  
 Duplex print speed: 39.5 page per minute, A4  
 Duplex copy speed: 39.5 page per minute, A4  
**Resolution:** 1200 x 1200 dpi (print); 600 x 600 dpi (scan/copy)  
**Recommended Print Volume:** 5,000 images per month.  
**Maximum Print Volume:** 250,000 images per month.  
**Maximum Life:** 1,000,000 images or 5 years.  
**Recommended Scan Volume:** 3,000 images per month.  
**Warm-up time:** Approx. 25 seconds or less.  
**Time to first print:** Approx. 4.5 seconds or less.  
**Time to first copy:** Approx. 6 or less (DP); Approx. 7 or less (Platen).  
**CPU:** ARM Cortex-A53 Dual core 1.4GHz.  
**Memory:** Standard 1.5GB; Max. 3.5GB (optional).  
**Standard interfaces:** USB 2.0 (Hi-Speed), 1 x USB Host Interface, Gigabit Ethernet (10BaseT/100BaseTX/1000BaseT), optional Wireless LAN (IEEE 802.11b/g/n), 1 x eKUIO slot for optional internal print server or SSD hard disc, Slot for optional SD Card.  
**Integrated accounting:** 100 department codes.  
**Dimensions (W x D x H):** Without packaging: 480 x 495 x 590 mm (without protrusions)  
 480 x 495 x 593 mm (including protrusions);  
 With packaging: 633 x 570 x 710 mm  
**Weight:** Without packaging: Approx. 24.7 kg (with bundled toner)  
 Approx. 24.1 kg (without bundled toner)  
 With packaging: 32 kg  
**Power source:** AC 220 ~ 240 V, 50/60 Hz  
**Power consumption:**  
 Printing: 704.1 W  
 Copying: 719 W  
 Ready mode: 59.8 W  
 Low power mode: 38.3 W  
 Sleep-mode: 0.5 W  
**Noise (sound pressure level: ISO 7779/ISO 9296):**  
 Copying/Printing: 56 dB (A)  
 Stand-by: 30 dB (A)  
**Safety standards:** TÜV/GS, CE  
 This unit is manufactured according to ISO 9001 quality standard and ISO 14001 environmental standard.

**PAPER HANDLING**

All paper capacities quoted are based on paper thickness of max. 0.11 mm. Please use paper recommended by KYOCERA under normal environmental conditions.  
**Input capacity:** Multi-purpose tray: 100 sheets, 60 to 220 g/m<sup>2</sup>, A4, A5, A6, B5, B6, Letter, Legal, Folio, Custom (70 x 140 to 216 x 356 mm), Banner paper up to 915 mm.  
 Standard universal paper cassette: 500 sheet, 60–120 g/m<sup>2</sup>, A4, A5, A6, B5, B6, Letter, Legal, Folio, Custom (105 x 148 to 216 x 356 mm). Max. input capacity with options: 2,600 sheets.  
**Duplex:** Standard duplex unit, 60 to 120 g/m<sup>2</sup>, A4, A5, B5, Letter, Legal, Custom (140x 210 mm - 216 x 356 mm).  
**Document Processor:** Dual scan document processor as standard, 100 sheets, 50–120 g/m<sup>2</sup>, A4, A5, A6, B5, Letter, Legal, Custom (105 x 148 to 216 x 356 mm).  
**Output capacity:** Max. 500 sheets face-down with paper full sensor.

**PRINT FUNCTIONS**

**Controller language:** PRESCRIBE  
**Emulations:** PCL6 (5c/XL), KPDL3 (PostScript 3 compatible), PDF Direct Print, XPS Direct Print, AES support, TIFF/JPEG Direct Print Support, Open XPS, URF, PWG Raster, PCLm, Line Printer, IBM Proprinter, Epson LQ-850.  
**Operating systems:** All current Windows operating systems, MAC OS X Version 10.9 or higher, Chrome OS, Linux, as well as other operating systems on request.  
**Fonts/barcodes:** 93 outline fonts (PCL6, KPDL3), 4 fonts (Calibri), 4 fonts (Cambria), 1 Bitmap font, 45 types of one-dimensional barcodes, 1 type of two-dimensional barcode (PDF417).  
**Print features:** PDF Direct Print, Internet printing IPP 1.0, E-mail printing, WSD print, secure printing IPP over TLS, Local and network authentication, Network data encryption IPsec, HTTPS, LDAP over TLS, SNMPv3, SMTP over TLS, POP over TLS, Encrypted PDF Direct Print, TLS 1.3, Secure Boot, Run-time Integrity Check, Universal Print, Printing for Chrome OS.  
**Mobile printing support:** KYOCERA Mobile Print app for iOS and Android, AirPrint, Mopria, Microsoft Universal Print, Wi-Fi Direct (Opt).

**COPY FUNCTIONS**

**Max. original size:** A4/Legal.  
**Continuous copying:** 1–999.  
**Zoom range:** 25–400% in 1% steps.  
**Preset magnification ratios:** 7 Reductions / 5 Enlargements.  
**Image adjustments:** Text + Photo, Photo, Text, Chart/Map, Printed document.  
**Features:** Electronic sort (collate), ID card copy, 2in1, 4in1, auto cassette change, Skip blank page, Skip Line, DP Auto-cropping

**SCAN FUNCTIONS**

**Functionality:** Scan-to-Email, Scan-to-FTP, Scan-to-SMB, Scan to USB Host, Network TWAIN, WIA, WSD scan, Chrome OS (Scan), AirPrint, Mopria.  
**Scan speed Simplex:** 60 ipm (300 dpi, A4, b/w); 40 ipm (300 dpi, A4 colour)  
**Scan speed Duplex:** 120 ipm (300dpi, A4, b/w); 80 ipm (300 dpi, A4, colour)  
**Scan resolution:** 600, 400, 300, 200 dpi; 256 greyscales per colour  
**Max. scan size:** A4, Legal, Banner paper (max 915mm).  
**Original recognition:** Text, photo, text + photo, light text, optimised for OCR.  
**File types:** TIFF/JPEG, XPS, Open XPS, PDF, PDF/A, PDF/A-1a/b, PDF/A-2a/b/u, Encrypted PDF, High compression PDF.  
**Compression method:** MMR/JPEG  
**Features:** Banner Scan, Colour scan, integrated address book, Active Directory support, encrypted data transfer, multi send (e-mail, fax, SMB/FTP folder, print) at once, Blank page skip.

**FAX FUNCTIONS**

**Compatibility:** Super G3.  
**Modern speed:** Max. 33.6 kbps.  
**Transmission speed:** Max. 3 seconds (IBIG).  
**Scanning speed:** 2.0 seconds or less.  
**Address book:** 200 entries  
**Scanning density:**  
 Normal: 8 dot/mm x 3.85 line/mm (200 x 100 dpi)  
 Fine: 8 dot/mm x 7.7 line/mm (200 x 200 dpi)  
 Superfine: 8 dot/mm x 15.4 line/mm (200 x 400 dpi)  
 Ultrafine: 16 dot/mm x 15.4 line/mm (400 x 400 dpi)  
 Halftone: 256 grey scales  
**Maximum original size:** A4/Legal, Banner (max 915mm)  
**Compression method:** IBIG, MMR, MR, MH.  
**Memory reception:** 256 sheets or more.  
**Features:** Network fax, duplex transmission and reception, encrypted transmission and reception, polling transmission and reception, broadcast.

**CONSUMABLES**

Average continuous toner yield in accordance with ISO/IEC 19752.  
**TK-3430 Toner Kit:** Microfine toner black for 25,000 pages A4. Capacity of starter toner is 10,000 pages A4.  
**SH-13 Staple cartridge:** 2 x 1,500 staples for MS-5100 B

**OPTIONS**

**PF-3110 Paper feeder (max. 4 units):** Max. 500 sheets, 60 - 120 g/m<sup>2</sup>; A4, A5, B5, Letter, Legal, Custom (92 x 162 mm - 216 x 356 mm)  
**PT-320 Paper tray:** 250-sheet face-up output tray  
**MS-5100 B Stapler:** Up to 20 sheets one position semi-automatic stapling, includes 1,500 staples  
**CB-360W-B Cabinet:** Wooden desk with storage capacity, Approx. 380 x 411 x 508 mm (WxDxH)  
**CB-365W-B Cabinet:** Wooden desk with storage capacity, Approx. 380 x 411 x 254 mm (WxDxH)  
**CA-3100 Caster Unit:** for increased stability. Mandatory when installing 4 optional paper feeders.  
**Memory upgrade:** MM-21(2GB)/MM-20(1GB), DDR3-144pin DIMM  
**Storage Devices for easy document management:**  
 HD-17 SSD hard disk: 64GB  
 HD-18 SSD hard disk: 256GB  
 HD-19 SSD hard disk: 512GB  
**Scan Extension Kit (A):** Scan to searchable PDF (embedded OCR) or to MS Office (docx, xlsx, pptx), HD or SD card is needed.

**SECURITY**

Data Security Standard  
**UG-33:** ThinPrint support  
**UG-50:** TPM (Trusted Platform Module)  
**USB IC Card Reader + Card Authentication Kit (B):** Support for various authentication keys available.  
**IC Card Reader Holder 10:** To integrate the USB IC Card.  
**Optional interface:**  
**IB-37:** Wireless LAN (802.11b/g/n, 2.4-GHz and 5-GHz) with Wi-Fi Direct  
**IB-38:** Wireless LAN (802.11b/g/n, 2.4-GHz) with Wi-Fi Direct  
**IB-50:** Gigabit-Ethernet board 10 BaseT/100 BaseTX/1,000 BaseT  
**IB-51:** Wireless LAN Interface (802.11b/g/n)

**WARRANTY**

1-year warranty as standard \*\*. KYOCERA guarantees the drum and developer for 3 years or 500,000 pages (whichever occurs sooner), provided each device is used and cleaned in accordance with the service instructions.

**KYOCERA LIFE**

Up to 5-year on-site warranty extensions available for product and options.

**WHAT'S IN THE BOX:**

Main unit, starter toner, waste toner box, Quick guide, Safety Guide, Operation panel sheet, power supply cord.

\*The device is not designed to achieve the specified volumes in continuous operation. The maximum volumes relate to the use of the print or scan unit and include their use for the printing, copying and scanning functions. Note: In this context, a copied page corresponds to a scanned and a printed page.

ECOSYS stands for ECOlogy, ECONomy and SYSTEM printing. With their long-life components, ECOSYS devices are designed to maximise durability and minimise the total cost of ownership with regard to maintenance, administration and consumables. The cartridge-free system means that only the toner has to be replaced regularly. The modular design concept allows you to add workflowenhancing functions as required. Integrated system software provides long-term crossnetwork compatibility. KYOCERA's long-life components cost you and the environment less.





**GENERAL**

KYOCERA ECOSYS Laser Monochrome Multifunctional HyPAS™ solution platform  
**Operation panel:** 177.8 mm (7 inch) full-colour touch panel display, speaker for job notification, Tilt Mechanism.  
**Type:** Desktop  
**Engine speed:** Up to 60 pages A4 per minute; Duplex print speed: 43 page per minute, A4  
**Duplex copy speed:** 43 page per minute, A4  
**Resolution:** 1200 x 1200 dpi (print); 600 x 600 dpi (scan/copy)  
**Recommended Print Volume:** 6,000 images per month.  
**Maximum Print Volume:** 300,000 images per month.  
**Maximum Life:** 1,000,000 images or 5 years.  
**Recommended Scan Volume:** 4,800 images per month.  
**Warm-up time:** Approx. 25 seconds or less.  
**Time to first print:** Approx. 4.5 seconds or less.  
**Time to first copy:** Approx. 6 or less (DP); Approx. 7 or less (Platen).  
**CPU:** ARM Cortex-A53 Dual core 1.4GHz.  
**Memory:** Standard 1.5GB; Max. 3.5GB (optional).  
**Standard interfaces:** USB 2.0 (Hi-Speed), 1 x USB Host Interface, Gigabit Ethernet (10BaseT/100BaseTX/1000BaseT), optional Wireless LAN (IEEE 802.11b/g/n), 1 x eKUIO slot for optional internal print server or SSD hard disc, Slot for optional SD Card.  
**Integrated accounting:** 100 department codes.  
**Dimensions (W x D x H):** Without packaging: 480 x 495 x 610 mm (without protrusions) 480 x 495 x 613 mm (including protrusions); With packaging: 633 x 570 x 730 mm  
**Weight:** Without packaging: Approx. 25.2 kg (with bundled toner) Approx. 24.5 kg (without bundled toner) With packaging: 32 kg  
**Power source:** AC 220 ~ 240 V, 50/60 Hz  
**Power consumption:**  
 Printing: 740.8 W  
 Copying: 742 W  
 Ready mode: 57.9 W  
 Low power mode: 38 W  
 Sleep-mode: 0.5 W  
**Noise (sound pressure level: ISO 7779/ISO 9296):**  
 Copying/Printing: 58 dB (A)  
 Stand-by: 33 dB (A)  
**Safety standards:** TÜV/GS, CE  
 This unit is manufactured according to ISO 9001 quality standard and ISO 14001 environmental standard.

**PAPER HANDLING**

All paper capacities quoted are based on paper thickness of max. 0.11 mm. Please use paper recommended by KYOCERA under normal environmental conditions.  
**Input capacity:** Multi-purpose tray: 100 sheets, 60 to 220 g/m<sup>2</sup>, A4, A5, A6, B5, B6, Letter, Legal, Folio, Custom (70 x 140 to 216 x 356 mm), Banner paper up to 915 mm. Standard universal paper cassette: 500 sheet, 60–120 g/m<sup>2</sup>, A4, A5, A6, B5, B6, Letter, Legal, Folio, Custom (105 x 148 to 216 x 356 mm).  
 Max. input capacity with options: 2,600 sheets.  
**Duplex:** Standard duplex unit, 60 to 120 g/m<sup>2</sup>, A4, A5, B5, Letter, Legal, Custom (140x 210 mm - 216 x 356 mm).  
**Document Processor:** Dual scan document processor as standard, 100 sheets, 50–120 g/m<sup>2</sup>, A4, A5, A6, B5, Letter, Legal, Custom (105 x 148 to 216 x 356 mm).  
**Output capacity:** Max. 500 sheets face-down with paper full sensor.

**PRINT FUNCTIONS**

**Controller language:** PRESCRIBE  
**Emulations:** PCL6 (5c/XL), KPDL3 (PostScript 3 compatible), PDF Direct Print, XPS Direct Print, AES support, TIFF/JPEG Direct Print Support, Open XPS, URF, PWG Raster, PCLm, Line Printer, IBM Proprinter, Epson LQ-850.  
**Operating systems:** All current Windows operating systems, MAC OS X Version 10.9 or higher, Chrome OS, Linux, as well as other operating systems on request.  
**Fonts/barcodes:** 93 outline fonts (PCL6, KPDL3), 4 fonts (Calibri), 4 fonts (Cambria), 1 Bitmap font, 45 types of one-dimensional barcodes, 1 type of two-dimensional barcode (PDF417).  
**Print features:** PDF Direct Print, Internet printing IPP 1.0, E-mail printing, WSD print, secure printing IPP over TLS, Local and network authentication, Network data encryption IPsec, HTTPS, LDAP over TLS, SNMPv3, SMTP over TLS, POP over TLS, Encrypted PDF Direct Print, TLS 1.3, Secure Boot, Run-time Integrity Check, Universal Print, Printing for Chrome OS.  
**Mobile printing support:** KYOCERA Mobile Print app for iOS and Android, AirPrint, Mopria, Microsoft Universal Print, Wi-Fi Direct (Opt).

**COPY FUNCTIONS**

**Max. original size:** A4/Legal.  
**Continuous copying:** 1–999.  
**Zoom range:** 25–400% in 1% steps.  
**Pre-set magnification ratios:** 7 Reductions / 5 Enlargements.  
**Image adjustments:** Text + Photo, Photo, Text, Chart/Map, Printed document.  
**Features:** Electronic sort (collate), ID card copy, 2in1, 4in1, auto cassette change, Skip blank page, Skip Line, DP Auto-cropping

**SCAN FUNCTIONS**

**Functionality:** Scan-to-Email, Scan-to-FTP, Scan-to-SMB, Scan to USB Host, Network TWAIN, WIA, WSD scan, Chrome OS (Scan), AirPrint, Mopria.  
**Scan speed Simplex:** 60 ipm (300 dpi, A4, b/w); 40 ipm (300 dpi, A4 colour)  
**Scan speed Duplex:** 120 ipm (300dpi, A4, b/w); 80 ipm (300 dpi, A4, colour)  
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**Max. scan size:** A4, Legal, Banner paper (max 915mm).  
**Original recognition:** Text, photo, text + photo, light text, optimised for OCR.  
**File types:** TIFF/JPEG, XPS, Open XPS, PDF, PDF/A, PDF/A-1a/b, PDF/A-2a/b/u, Encrypted PDF, High compression PDF.  
**Compression method:** MMR/IPEG  
**Features:** Banner Scan, Colour scan, integrated address book, Active Directory support, encrypted data transfer, multi send (e-mail, fax, SMB/FTP folder, print) at once, Blank page skip.

**FAX FUNCTIONS**

**Compatibility:** Super G3.  
**Modern speed:** Max. 33.6 kbps.  
**Transmission speed:** Max. 3 seconds (IBIG).  
**Scanning speed:** 2.0 seconds or less.  
**Address book:** 200 entries  
**Scanning density:**  
 Normal: 8 dot/mm x 3.85 line/mm (200 x 100 dpi)  
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 Halftone: 256 grey scales  
**Maximum original size:** A4/Legal, Banner (max 915mm)  
**Compression method:** JBIG, MMR, MR, MH.  
**Memory reception:** 256 sheets or more.  
**Features:** Network fax, duplex transmission and reception, encrypted transmission and reception, polling transmission and reception, broadcast.

**CONSUMABLES**

Average continuous toner yield in accordance with ISO/IEC 19752.  
**TK-3440 Toner Kit:** Microfine toner black for 40,000 pages A4. Capacity of starter toner is 11,000 pages A4.  
**SH-13 Staple cartridge:** 2 x 1,500 staples for MS-5100 B

**OPTIONS**

**PF-310 Paper feeder (max. 4 units):** Max. 500 sheets, 60 - 120 g/m<sup>2</sup>; A4, A5, B5, Letter, Legal, Custom (92 x 162 mm - 216 x 356 mm)  
**PT-320 Paper tray:** 250-sheet face-up output tray  
**MS-5100 B Stapler:** Up to 20 sheets one position semi-automatic stapling, includes 1,500 staples  
**CB-360W-B Cabinet:** Wooden desk with storage capacity, Approx. 380 x 411 x 508 mm (WxDxH)  
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