

# ES8000 MFP Series Specifications



## Advanced functionality, versatility and document workflow integration for the larger workgroup

Designed to perform, with high print speeds and efficient consumables use. The ES8000 Series is ideal for the more demanding workgroup, with print speeds of up to 35ppm, just 9.5 seconds to first print and 10 seconds to first copy. Offering secure and intuitive functionality that enables easy and efficient integration with and management of any document workflow.

The ES8000 Series combines the reliability of OKI's award winning digital LED print technology with extensive copier functionality, in one high speed, easy to use device, ensuring outstanding print and copy quality as well as comprehensive scan and document management.

OKI's smart Extendable Platform (sXP) ensures the ES8000 Series sits at the heart of your document workflows with a simple to use, customisable 7" touch screen that operates the device and all document functions.

### Outstanding features to support your day to day document requirements

- Customisable 7" colour LCD touch screen with intuitive menu system, enhanced help functionality and Job Macro functions for frequent actions
- OKI's smart Extendable Platform (sXP) allows seamless integration with document workflows and 3rd party solutions
- Range of 'in the box' software solutions for added functionality and control including SENDYS Explorer, ABBYY FineReader, smartPrintSuperVision and mobile printing solutions
- Ultra-high capacity toners reduce total cost of ownership and user intervention



### Enhanced fax functionality with Super G3 speed

- Super G3 sends and receives faxes at high speed, with resolution up to 392dpi
- Fax documents directly from or to your PC or forward faxes to another fax machine or an email address
- Block junk faxes and store and view incoming faxes on 7" display
- 40 one-touch buttons and 1,000 speed dials to save time

### Improve document workflow with High Definition LED colour scanner

- Fast scan speed of up to 50spm and 100 sheet RADF for multi-page, single and double sided documents
- USB and network TWAIN scanning and save scan settings for repeated tasks
- LDAP provides direct access to contact and email data from existing directory server
- Job Build function enables multiple documents to be scanned to create one single document
- Scan directly to: USB, Network folder, email, FTP server, Local PC and Remote scan



### Delivering exceptional colour at impressive speeds

- High resolution colour and mono printing with print speeds of up to 35ppm and 9.5 seconds to first print
- Duplex printing as standard and encrypted Secure Print function for protected printing
- Paper capacity of up to 2,005 sheets with auto sensing multi-purpose tray for printing on a wide variety of media sizes and weights, from A6 to 1.3m long banners and up to 256gsm



### LED scanning and printing delivering superior copy quality

- Fast, high quality copy output of up to 35cpm with automatic document collation and only 10 seconds to first copy
- Job Macro function enables the user to programme frequently used copy settings
- ID Card copy for simple copying of double sided ID cards on a single sheet
- Convenient built-in stapler as standard, for easy post production finishing

A4/A3	✓
Colour/Mono	✓
Print, Scan, Copy and Fax	✓
Prints A6 to 1.3m long banners, up to 256gsm	✓
1 – 30+ users	✓

### Variants available

- dn**  
duplex, networked
- dnct**  
duplex, networked, cabinet + 2nd tray
- dnv**  
duplex, networked, 2nd/3rd tray/4 tray

EXECUTIVE  
SERIES

# ES8453/ES8483 - Colour and Mono Multifunction Products

Note: Specifications are the same for both printer models unless stated otherwise.

PRINTER		TYPEFACES	
Print speed	<b>ES8453:</b> A4: 23ppm colour/mono; A3: 13ppm colour/mono <b>ES8483:</b> A4: 35ppm colour/mono; A3: 20ppm colour/mono	Printer fonts	Scalable: 87 PCL fonts & 80 PostScript emulation fonts, 4 PCL fonts (Line Printer, OCR-A/B, USPS ZIP Barcode)
Time to first print	<b>ES8453:</b> 14 seconds colour/mono <b>ES8483:</b> 9.5 seconds colour/mono	Barcode	10 types of one dimension with 26 variations: UPC-A, UPC-E, EAN/JAN-8, EAN/JAN-13, Interleaved2of5, Code39, Code 128, EAN/UCC-128, CODABAR, ZIP+4POSTNET; 2 types of two dimensions : PDF417, QRcode
Warm up time	32 seconds or less from power on	<b>PAPER HANDLING</b>	
Processor speed	800MHz	Paper capacity	Tray 1: 300 sheets of 80gsm; <b>Multi-purpose tray:</b> 100 sheets of 80gsm; <b>RADF:</b> 100 sheets of 80gsm
<b>SCANNER</b>		Paper capacity optional 2nd tray + cabinet	535 sheets of 80gsm (standard on dnct)
Resolution	600 x 600dpi	Paper capacity optional 2nd/3rd/4th tray + caster base	1,605 sheets of 80gsm (standard on dnv)
Speed	Up to 50spm	Maximum paper capacity	dn: 400 sheets of 80gsm; dnct: 935 sheets of 80gsm; dnv: 2,005 sheets of 80gsm
Colour depth	Output 24 bit (8 bit x 3 RGB)	Paper sizes	Tray 1: A3, A4, A5, A6, B4, B5; Tray 2/3/4: A3, A4, A5, B4, B5; Multipurpose tray: A3, A4, A5, B4, B5, A6, B6; 11 Envelopes (Com-10, DL, C5, C4), Custom size (up to 1321mm length including banner); RADF: A3, A4, A5, A6, B4, B5; Duplex: A3, A4, A5, B4, B5. Supports custom size: Width 64-297mm Length: 90-1321mm
Document input	Up to 100 sheet RADF	Duplex	Standard
Contrast	7 Levels	Paper output	Face up: 100 sheets (80gsm) Face down: 1st bin: 250 sheets (80gsm) 2nd bin: 100 sheets (80gsm)
Format	PDF/High compression PDF/Secure PDF, TIFF, JPEG, XPS	<b>GENERAL FEATURES</b>	
Address book	LDAP, 1000 Email addresses, 20 group addresses	Memory	Standard RAM: 1.26GB; Standard Hard Disk Drive: 250 GB
Scan to	Shared folder (CIFS, FTP, HTTP), E-Mail, USB Memory, Local PC, Remote scan	Environment	Operating temperature/ humidity: 10°C to 32°C (17°C to 27°C recommended) / 20% to 80% RH (50% to 70% RH recommended); Storage temperature/ humidity: -10°C to 43°C / 10% to 90% RH
<b>COPY</b>		Power supply	Single phase 220-240VAC, frequency 50/60Hz +/- 2%
First copy out	<b>ES8453:</b> 14.5 seconds colour/mono <b>ES8483:</b> 10 seconds colour/mono	Power consumption	Typical: <850W; Max: <1400W; Idle: <120W (average); Power Save: <30W, Deep Sleep: <3W
Speed	<b>ES8453:</b> 23cpm colour/mono <b>ES8483:</b> 35cpm colour/mono	Noise level	Operating: 54dB(A) or less; Standby: 37dB(A); Power save: Background level
Resolution	300/600dpi	Dimensions (HxWxD)	dn: 700 x 563 x 600mm; dnct: 1216 x 563 x 600mm; dnv: 1216 x 563 x 600mm
Reduction / Enlargement	Zoom 25-400 %	Weight <sup>4</sup>	dn: 64kg; dnct: 90kg; dnv: 94kg
Maximum copies	999	Duty cycle	<b>ES8453:</b> Maximum: 60,000 pages/month; Average: 8,000 pages/month <b>ES8483:</b> Maximum: 75,000 pages/month; Average: 10,000 pages/month
<b>FAX</b>		Warranty	1 year
Connectivity	RJ11 x 2 (Line/Tel) PSTN, PBX	Product order numbers	<b>ES8453dn:</b> 45850613; <b>ES8453dnct:</b> 45850614; <b>ES8453dnv:</b> 45850615; <b>ES8483dn:</b> 09006115; <b>ES8483dnct:</b> 09006116; <b>ES8483dnv:</b> 09006117
Speed	ITU-T G3 (Super G3) 33.6kbps	<b>ACCESSORIES</b>	
Fast dialing	40 one touch dials (8 x 5 using scroll key), 1000 speed dials	Order Numbers	Option Tray 45887302; Cabinet 45893702; Caster Base 45889502; Wireless LAN 45830202; Banner Tray 45887302
Groups	32	<b>CONSUMABLES (ORDER NUMBERS)</b>	
Broadcast	Maximum 100	Toner cartridges* (10,000 pages)	Cyan: 45862821; Magenta: 45862820; Yellow: 45862819
Page memory	256MB (approx 8,192 pages transmit and receive)	Toner cartridge* (15,000 pages)	Black: 45862822
<b>INTERFACE AND SOFTWARE</b>		Image drum** (30,000 pages)	Cyan: 44844475; Magenta: 44844474; Yellow: 44844473; Black: 44844476
Connectivity	USB 2.0 Device, 10/100/1000 Ethernet, Host USB x 2, 802.11a/b/g/n (optional)	Transfer Belt (80,000 pages)	44846204
Wireless	PostScript3(Emulation), PCL5c, PCL6(XL), EPSON FX, IBM ProPrinter, XPS, PDF(v1.7)	Fuser Unit (100,000 pages)	44848805
Printer languages	All major network protocol supported via ethernet card with internal web server for printer and network card set up and management. TCP/IP v4&v6, AirPrint, Google Cloud Print, NetBIOS over TCP, DHCP, DHCPv6, BOOTP, HTTP, HTTPS, DNS, DDNS, WINS, UPNP, Bonjour, SNMPv1&v3, SMTP, IPP, IPPS, WSD Print, WSD Scan, LLTD, IEEE802.1X, LPR, Port9100, Telnet, FTP, IPSEC, Secure Protocol Server, LDAP, LDAPS, CIFS, FTP, FTPS, SMTP, SMTPS, POP3, WLAN802.11a/b/g/n, WPA2, Personal, Enterprise	Convenience Stapler (3,000 staples)	45513301
Network & protocols	Windows 7 (32-bit & 64-bit), Windows 8 (32-bit & 64-bit), Windows 8.1 (32-bit & 64-bit), Windows Server 2003 (32-bit & 64-bit), Windows Vista (32-bit & 64-bit), Windows Server 2008 (32-bit & 64-bit), Windows Server 2008 R2 (64-bit), Windows Server 2012 (64-bit), Windows Server 2012 R2 (64-bit); Linux PPD; Mac OS 10.6.8 - 10.7, 10.8, 10.9, 10.10		
OS Compatibility <sup>1</sup>	Windows 7 (32-bit & 64-bit), Windows 8 (32-bit & 64-bit), Windows 8.1 (32-bit & 64-bit), Windows Server 2003 (32-bit & 64-bit), Windows Vista (32-bit & 64-bit), Windows Server 2008 (32-bit & 64-bit), Windows Server 2008 R2 (64-bit), Windows Server 2012 (64-bit), Windows Server 2012 R2 (64-bit); Linux PPD; Mac OS 10.6.8 - 10.7, 10.8, 10.9, 10.10		
Advanced networking	IP Filtering, MAC filtering, SSL/TLS, EAP(IEEE802.1X), IPSec		
Utility suite <sup>3</sup>	Color Correct, OKI LPR <sup>2</sup> , smart PrintSuperVision <sup>2</sup> , Color Swatch <sup>2</sup> , Template Manager <sup>2</sup> , Web Driver Installer <sup>2</sup> , Firmware Update Tool, Front End Installer, Network Extension <sup>2</sup> , Print Job Accounting Client, PS Gamma Adjuster, Profile Assistant <sup>3</sup> , PDF Print Direct <sup>2</sup> , Configuration Tool <sup>2</sup> , ActKey <sup>2</sup> , Network Card Setup <sup>3</sup>		
Document management	SENDYS Explorer <sup>2</sup> , ABBYY FineReader 12 Sprint		
<b>OPERATOR PANEL</b>			
LCD Touch-screen	7" (17.5cm) LCD colour backlit touch screen & key top; 23 Hard Keys, 2 LEDs		
<b>PRINT QUALITY</b>			
Resolution	<b>ES8453:</b> ProQ 2400 Multi-level technology, 1200 x 600dpi, 600 x 600dpi <b>ES8483:</b> 1200 x 1200dpi, 1200 x 600dpi, 600 x 600dpi		

<sup>1</sup>Check local OKI website for latest driver releases and OS compatibility; <sup>2</sup>Windows only; <sup>3</sup>Mac only; <sup>4</sup>including all consumables

\*Toner: Number of A4 pages @ ISO/IEC 19798 coverage. Printer shipped with toner for 13,600 Black/7,800 CMY A4 pages @ 5% coverage.

\*\*Drum: Average number of A4 pages printed.

## Consumables Information:

For the protection of your printer, and in order to ensure that you benefit from its full functionality, this model has been designed to operate only with genuine OKI toner cartridges. These can be identified by the OKI trademark. Any other toner cartridge may not operate at all, even if it is described as "compatible", and if it does work, your printer's performance and print quality may be degraded.

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