Specifications: ES2032 & ES1624 MFP

		ES2032	ES1624 MFP
Print	Printing technology	Single Pass Digital LED electrophotographic page printer with four image drum cartridges	
	A4 Print speed	20ppm colour, 32ppm mono	16ppm colour, 24ppm mono
	Time to first print	11 seconds colour, 8 seconds mono	13 seconds colour, 9 seconds mono
	Warm up time	60 seconds or less from power on	90 seconds or less from power on
	Print resolution	ProQ2400 Multi-level technology, 1200 x 600 dpi	1200 x 600 dpi
	Printer language	PCL 6 (XL3.0) and PCL5c, PostScript 3 (clone), SIDM (IBM-PPR, EPSON-FX)	PCL 6, PCL5c, PostScript 3 (clone)
	Duplex printing	Optional	Standard
	Printer fonts	86 scalable PCL fonts, 136 PostScript fonts; Line printer, OCR-A,B; USPS Barcode	80 scalable PCL fonts, 1bitmap font, 10 TrueType Fonts, 136 Adobe Type 1 fonts, OR A/B, USPS Barcode
	Enhancements	Automatic Colour Balance ensures consistent colour; Auto Registration occurs on power up, when the cover is opened and after 400 printed pages (not in middle of printed job); Toner Save mode, Photo Enhance via driver	
	Processor speed	500MHz	400Mhz
Scan	Type	N/A	Colour
	Scan resolution	N/A	Optical resolution 600 x 600 dpi, 4800dpi interpolated
	Scan speed	N/A	Up to 15 ppm
	Colour depth	N/A	Input 48 bit, 4800 dpi
	Document input	N/A	50 Sheet ADF as standard, Flatbed scanner
	Contrast	N/A	5 level adjustment
	Scan address	N/A	Store 300 e-mail, 20 FTP/CIFS in system, LDAP support
	Scan to	N/A	E-Mail, FTP, CIFS and Twain
	Format	N/A	PDF, JPEG, TIFF, M-TIFF
Copy	First copy out time	N/A	Colour 23 seconds / Mono 17 seconds
	Copy speed	N/A	Colour 16 cpm / Mono 24 cpm
	Copy resolution	N/A	600 x 1200dpi
	Reduction/Enlargement	N/A	25% to 400%
	Maximum copies	N/A	99 copies
Memory	RAM	256MB	128MB
	Max RAM	768MB	320MB
	Hard Disk Drive	Optional 40GB	Optional 20GB
Software utilities	Document management	N/A	PaperPort®, TextBridge®
	PC Fax	N/A	Nico PC Fax software
	Utilites	Colour Correct, Oki LPR (Windows only), PrintSuperVision. net (Windows only), Swatch Utility, Template Manager 2006 (Windows only), Web Driver Installer (Windows only), Web Print (Windows only), Print Control Server (Windows only), Print Control Client, Storage Device Manager (Windows only), Gamma Utility, Profile Assistant	PaperPort® v9 (Windows only), TextBridge® v9.5 (Windows only), Network Set Up Tool (Windows only), Nico Fax (Windows only), Print Control server (Windows only), Print Control client, Printer Colour Correct Utility, Swatch Utility, Twain driver (Windows only), OKI LPR (Windows only), PrintSuperVision.net, Storage Device Manager (Windows only)
Paper handling	Paper input	1 Internal tray as standard: 300 sheets; Multi-purpose tray: 100 sheets. Optional 2nd tray 530 sheets. Maximum Paper Capacity 930 sheets	
	Paper weight	64–120 gsm (1st tray), 75–203 gsm (multi-purpose tray), 75–105 gsm (duplex), 64–176 gsm (from 2nd tray)	
	Paper size	A4, A5, B5, A6 Custom size (up to 1200mm including banners from Multi-purpose tray)	
	Paper feeding	Auto Paper Tray Select: automatically detects paper size; Tray Empty Sensor; Tray Low Sensor	
	Paper output	Printer: 250 sheets face down, 100 sheets face up	
System requirements	Connectivity	Hi-speed USB 2.0, 10/100-TX Ethernet card	Hi-speed USB 2.0, 10/100-TX Ethernet card
	Operating system	Windows 98 / ME /NT4.0 / 2000 / XP Home / XP Professional / XP Professional x64 / Server 2003 / Server 2003 for x64 / Mac OS 9.0 or greater / Mac OS X PowerPC 10.2 or greater / Mac OS X intel 10.4.4 or greater	Windows 98 / ME / NT4.0 / 2000 / XP
Network & protocols		10/100 Base TX Ethernet Card with internal Web Server for printer and network card set-up and management. TCP /IP :- ARP, RARP, IP, IP v6, ICMP, TCP, UDP, LPR, FTP, IPP, IPX/SPX, NDS, TELNET, HTTP, BOOTP/DHCP, SNMPv1/v3, Auto IP, SSL/TLS, MAC address Filtering, IP Filtering	10/100 Base TX Ethernet Card with internal Web Server for MFP set-up and management. TCP /IP, ARP, RARP, IP, ICMP, TCP, TCP Port 9100, UDP, LPR, FTP, IPP, IPX/SPX, NDS, TELNET, HTTP, DHCP, SNMPv1, SMTP for e-mail
Noise level		Operating: Up to 55.6 dB(A), Standby: 37 dB(A), Power Save: Background Level	Operating: Up to 52 dB(A), Standby: 37 dB(A), Power Save: Background Level
Power requirements	Power supply	Single phase 220–240VAC, frequency 50Hz +/- 2Hz	Single Phase 220–240VAC, 55-60 Hz
	Power consumption	Typical 490W, Peak 1200W, Idle 100W (average), Power Save < 17W	Typical 420W, Peak 950W, Idle 120W (average), Power Save < 20W
Physical	Dimensions (HxWxD)	339.5mm x 400mm (max point 435mm) x 621mm	667 x 444 x 561
	Weight	approx 26kgs (includes all consumables)	approx 32kg (includes all consumables)
Options		256MB RAM, 512MB RAM, 2nd 530 sheet tray, duplex, 40GB HDD, cabinet	128MB RAM, 256MB RAM, 2nd 530 sheet tray, 20GB HDD, Cabinet

Consumables Information: Only use genuine OKI Printing Solutions Original consumables to ensure the best quality from your hardware. Non Original products may damage your product's performance and invalidate your warranty

ES2032

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 Printing Solutions 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.

Specifications subject to change without notice. All trademarks acknowledged.

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OKI
PRINTING SOLUTIONS

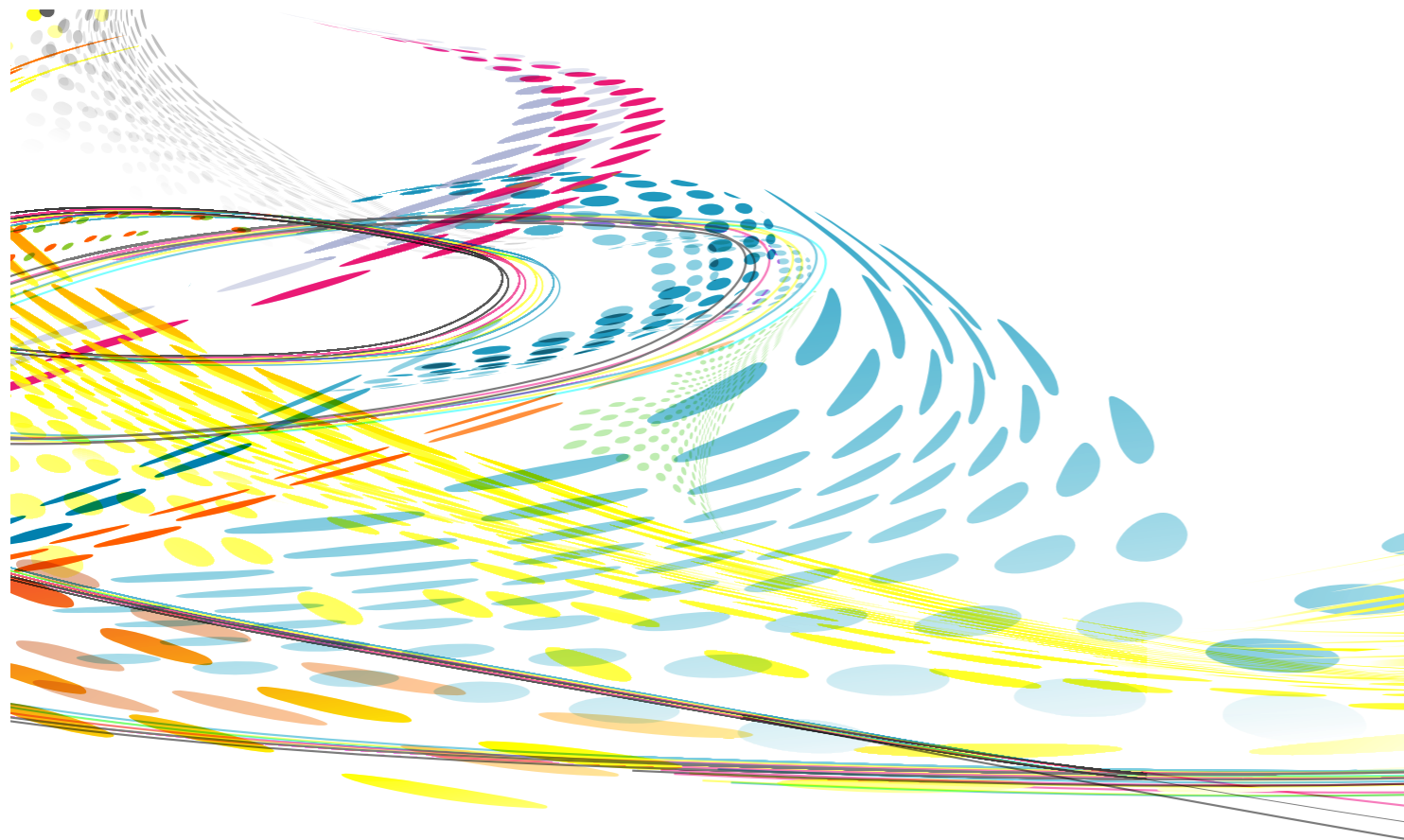# ES2032/ES1624 MFP

OKI
PRINTING SOLUTIONS

Empowering smaller workgroups to produce impactful colour documents

Executive Series:
ES2032
ES1624 MFP

EXECUTIVE SERIES
CREATED BY
OKI PRINTING SOLUTIONS

Class leading printing solutions

Users are demanding the right to do even more with colour. They want to produce professional looking, original colour documents that are not only good for business, but help them make a good impression too. And they want to be able to do so faster, more easily and on a wider range of formats than ever before.

But the technology that enables them to do all this has never been available with the level of support that customers have come to demand – and the technology that is available cannot deliver the flexibility and network compatibility that today's businesses need to operate efficiently.

Class leading service solutions

By combining class leading printing solutions with the class leading service, support and security offered by your Office Automation provider, we have created the Executive Series – a range of colour printers and Multifunction Products (MFPs) specifically tailored to your needs. This unique collaboration means that for the first time, businesses can enjoy the best of both worlds.

At OKI Printing Solutions we believe that effective printed communications are fundamental to successful businesses. So the Executive Series makes fast, high quality colour & mono printing and document management accessible for businesses and workgroups of all sizes. We call this **Chromability™ – in-house colour made easy, only from OKI Printing Solutions**.

The Executive Series will empower demanding colour users, increase productivity and integrate seamlessly with your IT network.

EXECUTIVE SERIES
CREATED BY
OKI PRINTING SOLUTIONS
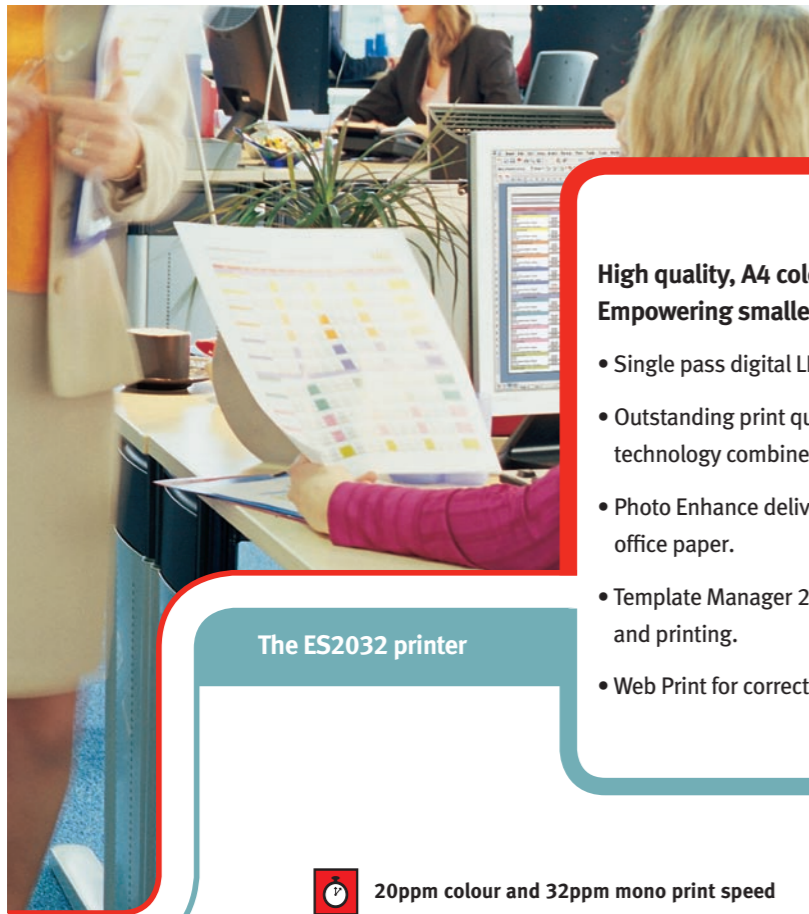
**High quality, A4 colour printing.
Empowering smaller workgroups:**

• Single pass digital LED technology.

• Outstanding print quality from ProQ2400 Multi-level
  technology combined with High Definition Toner.

• Photo Enhance delivers photo like quality on ordinary
  office paper.

• Template Manager 2006 for easy document design
  and printing.

• Web Print for correctly printed web pages.

The ES2032 printer

20ppm colour and 32ppm mono print speed

Optional duplex
functionality for
double-sided printing

1200 x 600 dpi resolution

LCD screen display

256MB RAM memory

Single pass digital LED
technology delivers high speed
and reliability

100 sheet multi purpose tray
plus 300 sheet paper tray

Optional 530 sheet
capacity 2nd tray

Optional Cabinet

**A unique, fast, colour and mono A4 Multifunction
Product with network scanning as standard.
Empowering smaller workgroups:**

• To optimise their precious space and resources.

• With the added benefits of copying, scanning and
  faxing without compromising colour print quality
  or speed.

• By making the advances in the digital management
  of original files available to all.

The ES1624 MFP

50 sheet automatic document
feeder (ADF) or flatbed input

48 bit, 4800 dpi
scanning resolution

Easy to use operator panel:
– Scan to e-mail
– Scan to FTP
– Colour & mono copying

Duplex functionality
for double sided printing

1200 x 600 dpi
output resolution

10/100 networking for
scanning and printing

128MB RAM memory

Optional 530 sheet capacity
2nd tray

Optional Cabinet

3

4

PERFORMANCE

OKI Printing Solutions' advanced single-pass digital LED technology ensures the ES2032 printer and the ES1624 MFP offer quality and class-leading speed. Digital LED technology is inherently more reliable than four-pass laser technology, due to fewer moving parts and the flat paper path ensures fewer paper jams and smoother handling of a wide range of paper weights.

- Speed: ES2032 performs at 20 pages per minute colour, 32 ppm mono. The ES1624 MFP delivers 16 ppm colour and 24ppm mono.

- Capacity: 300 sheet paper tray plus 100 sheet multi-purpose tray. Optional 530 sheet capacity 2nd tray gives a maximum paper input of 930 sheets.

- Power: Impressive Postscript & PCL printer/MFP with 256MB RAM as standard with the ES2032. The ES1624 MFP includes 128MB RAM.

- Versatility: Fast, high quality printing (1200 x 600 dpi) in both colour and mono from a single compact device.

- Duplex Printing: Duplex printing allows booklets and double-sided documents to be produced quickly and easily. Standard on ES1624 MFP. Optional on ES2032.

- Print Quality: ProQ2400 Multi-level technology and High Definition Toner have been developed to give outstanding print quality with greater colour depth. Whilst Auto Colour Balance checks and adjusts colour balance to ensure consistent results and enables users to present a professional image.
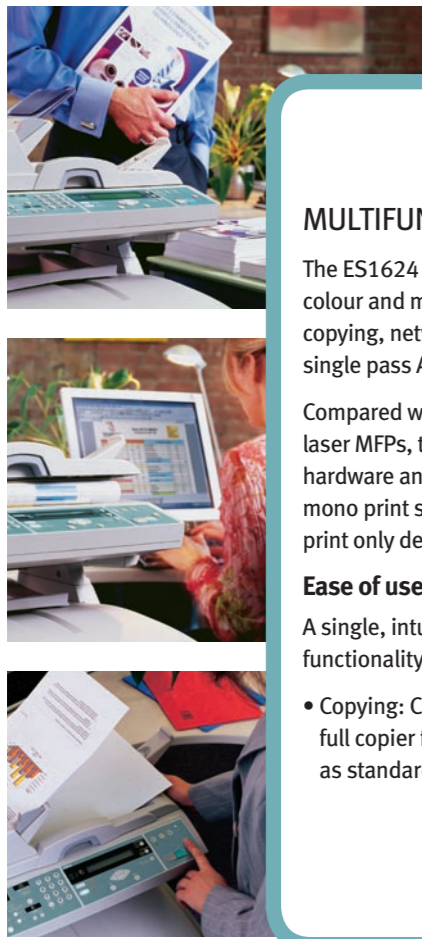
MULTIFUNCTIONALITY

The ES1624 MFP offers all the benefits of fast quality colour and mono printing, plus all the benefits of copying, network scanning and PC faxing from the only single pass A4 MFP on the market.

Compared with slow colour inkjet MFPs and mono-only laser MFPs, this compact MFP will allow you to rationalise hardware and save space whilst still offering colour and mono print speeds faster than that of many comparable print only devices.

Ease of use

A single, intuitive operator panel controls all the functionality of copying and scanning.

- Copying: Copy at up to 24 copies per minute with full copier functionality and double-sided copying as standard.

- PC Faxing: Software bundled with the MFP ensures that sending a fax can be done quickly and easily from your PC without the need for additional telephone lines.

- Scan to archive, e-mail or FTP: The ES1624 MFP delivers powerful, multi format, network scanning at 24 bit colour depth up to 4800dpi, via the platen or Automatic Document Feeder. The operator panel provides access to e-mail and FTP address books at the touch of a button.

- Document Management: Network scanning with intelligent software allows document management for the individual or the workgroup. Optical Character Recognition software turns scanned images into editable electronic text documents.
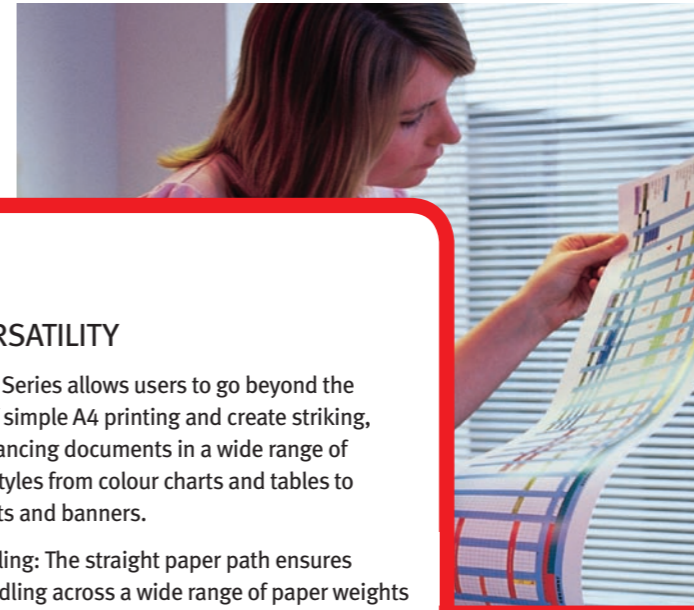
MEDIA VERSATILITY

The Executive Series allows users to go beyond the restrictions of simple A4 printing and create striking, business enhancing documents in a wide range of formats and styles from colour charts and tables to flyers, booklets and banners.

- Media handling: The straight paper path ensures smooth handling across a wide range of paper weights from 64 to 203gsm.

- Banner Printing: Print eye-catching banners up to 1.2m, quickly and easily.

CONNECTIVITY

OKI Printing Solutions' established network heritage means that the ES2032 or ES1624 MFP can confidently be added to your network. Our proprietary networking allows high speed transfer of data from network to printer, delivering new levels of productivity normally associated with high end print devices.

- Flexibility: Both the ES2032 and the ES1624 MFP offer PCL and PostScript printing, allowing them to work across a wide range of operating systems and handle complex print jobs like graphic files and PDFs with ease.

- 128MB RAM (ES1624 MFP) and 256MB RAM memory (ES2032) enables complex printing on multiple user print jobs.

INTELLIGENT SOFTWARE

- Profile Assistant (ES2032 only): Download ICC colour profiles for particular colour matching applications. Ensures accurate colour rendition on all documents for consistent professional appearance. Requires Hard Disk Drive.

- Colour Swatch: Match printed colour directly to original colour swatch. Allows users to quickly reproduce any printable colour accurately and hassle-free.

- Storage Device Manager: Allows you to store and manage fonts, forms and barcodes, which are all easily downloaded to the printer's hard disk. This reduces processing time and frees resource for other jobs. Requires Hard Disk Drive.

- PrintSuperVision: Primarily for system administrators, it enables you to view real-time status of Executive Series printers and see comprehensive reports on printer or consumables usage via your network.

- Print Control: A printer-resident job-log and access control system. Helps you keep control of your printing costs by managing printer access. It is secure and cannot be bypassed.

- Template Manager 2006 (ES2032 only): Design and print on a range of media from business cards to CD labels and 1.2 metre banners. It even manages the printer settings automatically.

OPTIONS

- Hard Disk Drive: Allows password protected 'secure printing' of confidential documents and storing of regularly used forms and overlays.

- Additional paper tray: Capacity of 530 sheets giving a maximum input of 930 sheets for longer runs and less user intervention.

- Cabinet: Provides tidy storage for extra paper.

- The ES2032 also has a duplex option for double-sided printing and 256MB & 512MB RAM memory upgrades enable easy handling of graphic-intensive documents and printing jobs from many users.