



advanced multifunction

DocuColor® 242/252/260 Evaluator Guide



ABOUT THIS GUIDE

This guide will introduce you to the Xerox® DocuColor® 242/252/260 color laser printer-copier, and aid you in your evaluation process.

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SECTION 1

Introducing the Xerox DocuColor 242/252/260 Printer-Copier

PRODUCT OVERVIEW

The DocuColor 242/252/260 printer-copier is a single-pass, color laser printer-copier product made for color professionals. It offers impeccable image quality, fast speed and incredible value.

It's also versatile. Xerox offers a selection of input devices, advanced finishers, high-performance controllers and more. So whether you're a commercial printer, graphic arts environment or centralized reproduction department, you can tailor the DocuColor 242/252/260 printer-copier to meet your specific needs.

PERFORMANCE

The DocuColor 242/252/260 printer-copier offers three printing speed options to meet the print volumes of your workgroups. The DocuColor 242 delivers print speeds of up to 40 ppm color and 55 ppm black-and-white; the DocuColor 252 delivers print speeds of up to 50 ppm color and 65 ppm black-and-white; the DocuColor 260 is a new addition to this product family and takes print speeds to new heights, with up to 60 ppm color and 75 ppm black-and-white. All three products feature first-page-out times as fast as 10.7 seconds for color and 4.3 seconds for black-and-white.

IMAGE QUALITY

The DocuColor 242/252/260 printer-copier provides 2400 x 2400 dpi for terrific print and copy output. You can also take advantage of Enhanced Gloss mode for output that stands out from the crowd.

Plus, these devices give you all the color tools you need to get the color you expect. High quality calibration gives you sharp results, day in and day out, and profiling options enable you to emulate different output devices through the proofing process.

FLEXIBILITY

There are so many options with the DocuColor 242/252/260, printer-copier from advanced finishing options to professional color tools and security features. Busy environments have a choice of high-capacity feeders for fewer interruptions.



FEATURE SET



DOCUCOLOR 242/252/260 STANDARD FEATURES

- Up to 40 ppm color, 55 ppm black-and-white (DocuColor 242)
- Up to 50 ppm color, 65 ppm black-and-white (DocuColor 252)
- Up to 60 ppm color, 75 ppm black-and-white (DocuColor 260)
- First-page-out time as fast as 10.7 sec. color, 4.3 sec. black-and-white
- True 2400 x 2400 dpi printing and copying
- Monthly duty cycle of up to 300,000 pages
- Feed up to 13 x 19 in. / SRA3 media from the 250-sheet Bypass Tray (Tray 5)
- Enhanced Gloss mode
- Electronic precollation
- Standard 250-sheet DADF
- Up to 3,260-page paper capacity (plus an additional 2,000 sheets with a choice of optional high-capacity feeders)
- Large toner capacity for extended job runs
- Full-panel, color touch screen
- Choice of color servers including EFI® Fiery® bustled controller, EFI Splash® RPX-ii color server, Xerox FreeFlow® DocuSP® color server, EFI Fiery color server, or Creo® Spire™ color server

DOCUCOLOR 242/252/260 OPTIONAL FEATURES

- Choice of three finishing options delivering 50- and 100-sheet stapling, hole punching, saddle-stitching with center fold, cover sheets, C- and Z-folding, and interposing
- 2,000-sheet feeder (8.5 x 11 in. / A4)
- 2,000-sheet oversize high-capacity feeder (up to 13 x 19 in. / SRA3)
- EFI Fiery bustled controller optional features:
 - Splash RPX-ii software solution
 - 512 MB memory
 - Secure Erase
 - Hotfolders/Virtual Printers (standard on DocuColor 260)
 - Color Profiler
 - Impose
 - Xerox® Scan to PC Desktop®
- Foreign device interface kit for coin ops, card readers, and accounting solutions
- Convenience stapler
- Mobility plate

Section 2

Evaluating Color Laser Printer-Copiers

For color professionals, there's nothing more vital than a device that can produce speedy, precise color printouts. Xerox invented laser printing and printer-copier devices, so we know how to deliver. We've invested years of research and development in designing devices that offer fast, accurate and affordable color.

Based on our in-depth understanding of customer needs in color-critical environments, Xerox recommends you consider the following criteria in the evaluation process of a color printer-copier product:

PERFORMANCE AND PRINT SPEED

Can it keep up with the demands of multiple jobs and client deadlines?

IMAGE QUALITY

Does it produce color and clarity that exceed the expectations of color professionals?

FLEXIBILITY

Can it be customized to the specific needs of your business?

This section of the Evaluator Guide will examine each of these areas and suggest ways you can evaluate color printer-copiers against these requirements. Do this for all of the color printer-copiers you consider, and you'll see how the DocuColor 242/252/260 printer-copier exceeds expectations on all counts.



EVALUATE PERFORMANCE AND PRINT SPEED

For graphic arts and light production environments, **overall system speed and performance** are critical considerations. **Print speeds** are critical in light production environments, where longer print jobs are regularly produced. In graphic arts and color-intensive environments, **processing speed and overall performance** will help avoid bottlenecks and quickly process large jobs. Lastly, consider the **consumables** for the printer-copiers you are evaluating, and whether they will help you avoid downtime.

THE XEROX
ADVANTAGE

HOW THE DOCUCOLOR 242 / 252 / 260 EXCEEDS THE PERFORMANCE AND PRINT SPEED REQUIREMENT:

PRINT SPEED

Ever think your printer could print as fast in color as it does in black-and-white? The DocuColor 242/252/260 printer-copier comes close, while delivering print speeds you probably haven't experienced before. The DocuColor 242 features print speeds of up to 40 ppm for color and 55 ppm for black-and-white. The DocuColor 252 delivers print speeds of up to 50 ppm for color and 65 ppm for black-and-white. The DocuColor 260 brings the performance of the Xerox color product line to new heights, with color print speeds of up to 60 ppm and black-and-white print speeds up to 75 ppm. With first-page-out times (FPOT) as fast as 10.7 seconds for color and 4.3 seconds for black-and-white, your jobs not only print fast, but also get started quickly.

PROCESSING POWER

The integrated network controller in the DocuColor 242/252/260 utilizes a 2.8 GHz Intel® Celeron® processor and 512 MB of standard memory (1 GB maximum). This EFI Fiery bustling controller can also be configured with the EFI Splash RPX-ii software solution.

For environments with preexisting workflows or specific processing needs, Xerox offers three additional external color server options. All of your processing and workflow requirements can be met by a DocuColor 242/252/260.

OVERALL PERFORMANCE

No matter how big or complex the mix of print jobs, the DocuColor 242/252/260 can handle it. With fast print speeds, quick FPOT, a fast network connection, and powerful image processing, these printer-copiers have the horsepower to handle your workload. With five standard paper trays, optional high-capacity feeders, and a 250-sheet DADF, your large print and scan jobs are also handled with minimal interventions.

CONSUMABLES

The DocuColor 242/252/260 printer-copier utilizes Xerox SMart Kit™ customer replaceable units so that regularly replaced supplies can be replaced without requiring a service call. Further, these MFPs are designed so that you can replace toner cartridges while the machine is still copying or printing—avoiding interruptions that occur when toner cartridges run completely empty. The DocuColor 242/252/260 also utilizes two black toner cartridges, doubling the capacity of the most often used toner color.



EVALUATE IMAGE QUALITY

Image quality takes into account a number of factors. The image quality of a color printer-copier is directly tied to the **imaging technology** it is based on. **Color management features** that allow you to fine-tune the output of your printer-copier will also ensure you get the **vibrant, accurate color** your applications require.

THE XEROX
ADVANTAGE

HOW THE DOCUCOLOR 242 / 252 / 260 EXCEEDS THE IMAGE QUALITY REQUIREMENT:

IMAGING TECHNOLOGY

With 2400 x 2400 dpi resolution for both copy and print, you can be sure you're getting high-quality output with excellent fine-line detail and crisp text. This high resolution is enabled by Xerox VCSEL technology, which utilizes a 32-beam laser to write data at a quicker rate and at a higher resolution.

The DocuColor 242/252/260 printer-copier utilizes Xerox Emulsion Aggregate High Grade (EA-HG) toner, which is chemically grown rather than ground. EA-HG toner features smaller and more uniformly sized particles, resulting in fine color detail and smooth transitions. There is even an Enhanced Gloss Mode for printing and copying to add higher gloss levels to print and copy jobs.

You will also get consistent colors with the DocuColor 242/252/260. Developer material, or carrier, is included in the toner cartridges, enabling fresh developer to be constantly added and resulting in consistent print quality print after print and copy after copy.

COLOR MANAGEMENT

Xerox delivers advanced color management and profiling options with the DocuColor 242/252/260. These options allow you to proof your documents against other mediums like printing presses, web pages, copiers or digital presses. You can optimize the color output of your document throughout the design process and eliminate surprises in the production phase.

An array of advanced color-management and color-matching utilities is also available with the optional external color servers. Optional color servers available for the DocuColor 242/252/260 include the Xerox FreeFlow® DocuSP® Color Server, EFI Fiery Color Server and the Creo® Spire™ Color Server.



EVALUATE FLEXIBILITY

Flexibility and scalability are critical for printer-copiers deployed into graphic arts and light production departments. Consider the **range of controller options** available, and whether these options can deliver the features and performance you need most. Are **finishing options** available to automate document production? Is the **paper capacity** expandable to keep up with your highest printing volumes? Flexibility also pertains to **media flexibility**—think about your applications and whether the printer-copiers you’re evaluating support the media you need.

THE XEROX
ADVANTAGE

HOW THE DOCUCOLOR 242 / 252 / 260 EXCEEDS THE FLEXIBILITY REQUIREMENT:

COLOR SERVER OPTIONS

With graphic arts and color-intensive applications, Xerox understands that there is no single controller that meets the needs of all customers. The DocuColor 242/252/260 offers you a wide choice of color servers that deliver the power and flexibility you need in your business. Each color server features different color tools, workflow capabilities, processing speed, and color management—making the DocuColor 242/252/260 a good fit in almost any environment.

- EFI® Fiery® Bustled Controller—World-class color and easy-to-use workflow, and the inclusion of Command WorkStation® 4.5 make it easy to program, monitor and manage workflows. Precise color-management tools enable accurate color from any application, platform or format.



- EFI Splash® RPX-ii Software Solution—This server software option for the EFI Bustled Controller gives graphic arts professionals the color-document and production-management features they need for their most demanding creative assignments. It is designed for use in Mac OS® environments with G5- or Intel-based systems.

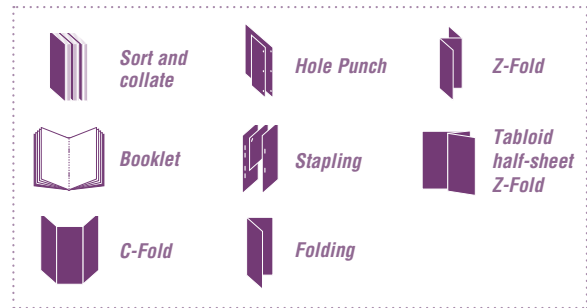
- Xerox FreeFlow® DocuSP® Color Server—User-friendly color server combines advanced color management with unmatched security features and system management. With features that fit easily in today’s demanding color environments, push the envelope of key applications, and help you deliver outstanding color, this server is a great fit in graphic arts and light production environments.

- EFI Fiery Color Server—With outstanding color-management tools and fast RIP speeds, this server delivers impressive productivity and flexibility in virtually any printing environment. Multiple upgrade options are available to fine-tune the features to your specific requirements.
- Creo® Spire™ Color Server—Available in both attached and standalone versions, this server lets you easily perform everything from preflight checks to proofing, imposition to short-run production, and much more. Available upgrades include the Professional Kit and a control station.

FINISHING OPTIONS

Whether you are printing a brochure, newsletter, presentation or direct mail piece, you want to put your best face forward. The DocuColor 242/252/260 gives you multiple finishing options for creating professional, ready-to-distribute documents.

- Offset Catch Tray—
 - 500 sheets
- Advanced Finisher—
 - 3,000-sheet stacker, 500-sheet top tray
 - 50-sheet multiposition stapling and hole punching
- Professional Finisher—
 - 1,500-sheet stacker, 500-sheet top tray
 - 50-sheet multiposition stapling and hole punching
 - 15-sheet V-folding with saddle-stitching
- Light-Production Finisher—
 - 2,000-sheet stacker, 500-sheet top tray
 - 100-sheet multiposition stapling and hole punching
 - Bi-fold and saddle-stitch booklet making
 - Optional C-fold, Z-fold and Tabloid half-sheet Z-fold
 - 200-sheet interposer
 - Active decurling for heavyweight media



PAPER INPUT OPTIONS

The DocuColor 242/252/260 boasts an impressive 3,260-pages of standard paper capacity in five trays. For the highest volume environments, Xerox offers two high-capacity feeder options that add capacity and further reduce interventions during heavy printing.

- High-Capacity Feeder—
 - 2,000-sheet capacity
 - Supports 8.5 x 11 in./A4 paper
- Oversize High-Capacity Feeder—
 - 2,000-sheet capacity
 - Supports up to 13 x 19 in./SRA3 paper



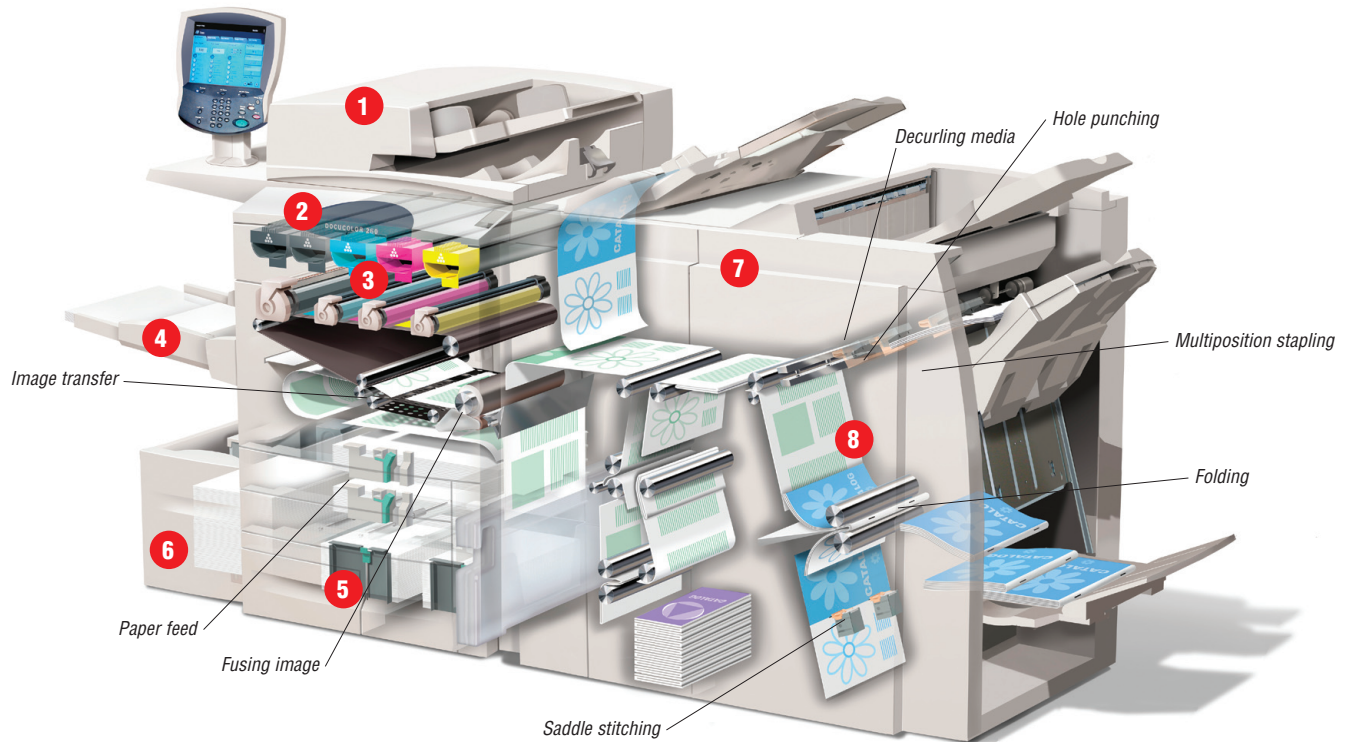
BROAD MEDIA SUPPORT

The DocuColor 242/252/260 was designed to expand your options, rather than limit them. These printer-copiers include support for a wide range of media—up to 110 lb. cover (300 gsm). In addition to heavy media, specialty media support includes transparency, synthetic, coated, DocuCard™ and more. In addition to media weights and types, the DocuColor 242/252/260 features very broad media size support, with custom sizes all the way up to 13 x 19 in. (SRA3) paper so you can produce 12 x 18 in. / A3 full-bleed prints.



SECTION 3

DocuColor 242/252/260 Feature Review



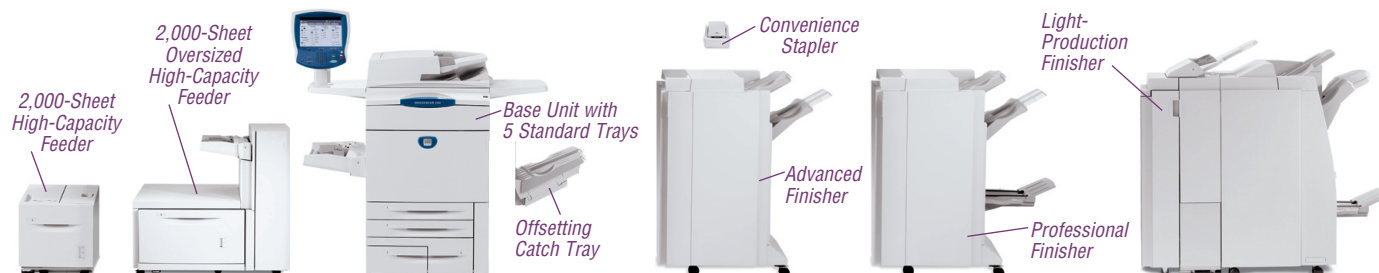
The DocuColor 242/252/260 printer-copiers enable the production of all types of documents and are ideal for a wide array of printing environments.

- 1** 250-sheet Duplex Automatic Document Feeder (DADF) simplifies the copying and scanning of large jobs, offering scan speeds up to 50 ppm color and 80 ppm black-and-white.
- 2** Extra toner capacity. Two black toner SMart Kit™ replaceable units keep replenishment interventions to a minimum and productivity at its highest. All toner cartridges are load-while-run, allowing you to replenish the toner without interrupting the job.
- 3** Trickle-charge development system—unique to Xerox—maintains print consistency throughout the workday.
- 4** A short and straight paper path provides production performance, a heavier media-feeding capability, and increased reliability. Center-registered feeding results in accurate registration.
- 5** Five standard trays have an amazing 3,260-sheet capacity.
- 6** Optional high-capacity feeders are available for long job runs, including a 2,000-sheet Oversized High-Capacity Feeder (OHCF) that can handle sheet sizes up to 13 x 19 in./SRA3 and can increase feeding capacity to 5,260 sheets.
- 7** Optional finishers (Light-Production Finisher shown above) lets you produce more documents in-house.
- 8** With 2400 x 2400 dpi resolution, you enjoy excellent image clarity in both prints and copies. To maintain this consistently brilliant image quality, the unit employs an automatic Charge Corotron Cleaning Assembly.

SECTION 4

Configurations, Specifications, Supplies, Support and Information Sources

DOCUCOLOR 242/252/260 CONFIGURATION SUMMARY



	DocuColor 242	DocuColor 252	DocuColor 260
Speed (Color/Black-and-white)	Up to 40 ppm/55 ppm	Up to 50 ppm/65 ppm	Up to 60 ppm/75 ppm
Duty Cycle	Up to 200,000 pages per month	Up to 200,000 pages per month	Up to 300,000 pages per month
Paper Handling	250-sheet Bypass Tray; Two 500-sheet 11 x 17 in./A3 Paper Trays; One 870-sheet 8.5 x 11 in./A4 Paper Tray; One 1,140-sheet 8.5 x 11 in./A4 Paper Tray (Total 3,260 sheets)		
Paper input	Standard		
	Optional	2,000-sheet High-Capacity Feeder – 8.5 x 11 in./A4 2,000-sheet Oversize High-Capacity Feeder – up to 13 x 19 in./SRA3 and up to 300 g/m ²	
Paper output	Optional	Offsetting Catch Tray (OCT): 500 sheets Advanced Finisher: 500-sheet top tray, 3,000-sheet stacker tray, Hole punching, and Multiposition stapling Professional Finisher: 500-sheet top tray, 1,500-sheet stacker tray, Hole punching, Multiposition stapling, Bi-fold booklet making, Saddle-stitch booklet maker Light-Production Finisher: 500-sheet top tray, 2,000-sheet stacker tray, Hole punching, Multiposition stapling, Bi-fold, Saddle-stitch booklet maker, Interposer. Optional Module enables Tri-fold and Z-fold (letter and tabloid)	
Copy	256 MB plus 80 GB hard disk drive		
Precollation memory	256 MB plus 80 GB hard disk drive		
First-page-out time	As fast as 10.7 seconds color/4.3 seconds black-and-white		
Copy resolution	2400 x 2400 dpi		
Copy features	Reduce/Enlarge (25% – 400%), Enhanced gloss level, Book copying/two-sided book copying, Mixed-sized originals, Image rotation, Edge erase, Mirror/negative images, Image shift, ID Card Copy, Bates stamping, Booklet creation, Multi-Up, Annotation and set numbering, Covers, Poster mode, Repeat Image, Build Job, Delete inside/outside editing		
Print	2400 x 2400 dpi		
Print Resolution	2400 x 2400 dpi		
Scan	200 x 200 dpi, 300 x 300 dpi, 400 x 400 dpi, 600 x 600 dpi		
Scan Resolution	200 x 200 dpi, 300 x 300 dpi, 400 x 400 dpi, 600 x 600 dpi		
Other Options	Foreign Interface Kit, Convenience Stapler		
Electrical	20 amp (115v), 10 amp (220/240v)	20 amp (115v), 10 amp (220/240v)	12 amp (208/240v)

Specifications

Print Driver Support	Fiery Driver 2.5 (bidirectional) support for: Windows® 2000, Windows® XP, Windows® 2003 Server Mac OS® 9.2, Mac OS® 10.2.3 and later
Media Handling Supported Sizes:	Trays 1 & 2—Custom sizes up to 11 x 17 in. / A3 Trays 3 & 4—Custom sizes up to 8.5 x 11 in. / A4 Bypass Tray (Tray 5)—Custom sizes up to 13 x 19 in. / SRA3
Supported Weights:	Trays 1 through 4—18 to 80 lb. cover (64 to 220 g/m ²) Bypass Tray (Tray 5)—Up to 110 lb. cover (up to 300 g/m ²)
Maximum Image Size	Print—12.7 x 18.9 in. (323 x 480 mm) Copy—11.6 x 16.8 in. (297 x 432 mm)
Electrical	DocuColor 242—20 amp (115), 10 amp (220/240) DocuColor 252—20 amp (115), 10 amp (220/240) DocuColor 260—12 amp (208/240)
Physical Dimensions (width x depth x height)	Minimum Footprint—24.5 in. x 36 in. x 53.9 in. (623.3 mm x 914.4 mm x 1,369.2 mm) Maximum Footprint—117.4 in. x 36 in. x 53.9 in. (2,982 mm x 914.4 mm x 1,369.2 mm)

Consumables and Routine Maintenance Items

Description	Details	Part Number
DocuColor 242/252 Toner Cartridges	Black	006R01219
	Cyan	006R01222
	Magenta	006R01221
	Yellow	006R01220
DocuColor 242/252 Black Drum Cartridge	150,000 prints	013R00602
DocuColor 242/252 CMY Drum Cartridge	65,000 prints	013R00603
DocuColor 242/252 Fuser Assembly (120 V)	160,000 impressions (Heat roller fuser belt, NC sensor, thermostat, lamp and baffle)	008R12988
DocuColor 242/252 Fuser Assembly (220 V)	160,000 impressions (Heat roller fuser belt, NC sensor, thermostat, lamp and baffle)	008R12989
DocuColor 242/252 CC Assembly	For Black Drum Cartridge	013R00630
DocuColor 260 Toner Cartridges	Black	006R01309
	Cyan	006R01312
	Magenta	006R01311
	Yellow	006R01310
DocuColor 260 Black Drum Cartridge	150,000 prints	013R00631
DocuColor 260 CMY Drum Cartridge	65,000 prints	013R00632
DocuColor 260 Fuser Assembly (220 V)	160,000 impressions (Heat roller fuser belt, NC sensor, thermostat, lamp and baffle)	008R13039
DocuColor 260 CC Assembly	For Black Drum Cartridge	013R00633 or 013R00630
Staple Refill	For Finishers and Convenience Stapler	008R12941
Staple Cartridge	For Professional and Advanced Finishers and Convenience Stapler	008R12964
Staple Cartridge	For Light Production Finisher	008R13029
Staple Cartridge	For Advanced and Light Production Finishers with Booklet Maker	008R12925

Options/ Upgrades/ Accessories	Description	Details	Part Number
	Offset Catch Tray	500-sheet capacity	497K02420
	Advanced Finisher	3,500-sheet capacity (stacking, hole-punching, multiposition stapling)	097S03844
	Professional Finisher	2,000-sheet capacity (stacking, hole-punching, multiposition stapling, bi-fold/saddle-stitch booklet making)	097S03841
	Light-Production Finisher	1,700-sheet capacity (stacking, hole-punching, multiposition stapling, bi-fold/saddle-stitch booklet making, interposing, optional C- and Z-folding)	097S03786
	Convenience Stapler (110 V)		498K08250
	Convenience Stapler (220 V)		498K09260
	High-Capacity Feeder	2,000-sheet capacity (up to 8.5 x 11 in./A4)	097S03304
	Oversize High-Capacity Feeder	2,000-sheet capacity (up to 13 x 19 in./SRA3)	097S03574
	Foreign Device Interface Kit		498K14140
	Mobility Plate Kit	For DocuColor 242/252/260	498K12240
	Mobility Plate Kit	For Advanced and Professional Finishers	498K12251
	Mobility Plate Kit	For Light Production Finisher	498K15810
	Mobility Plate Kit	For High-Capacity Feeder	498K16290
	Mobility Plate Kit	For Oversize High-Capacity Feeder	498K14390

RECOMMENDED MEDIA

Xerox offers the broadest portfolio of digitally optimized paper and specialty media under one brand, making it easy for you to maximize the capabilities of your Xerox DocuColor 242/252/260 printer-copier and generate new revenue opportunities. Whether you need to create and print a customized newsletter, brochure, transparency, label, ID card, or durable document, Xerox paper and specialty media is your best choice.



INFORMATION SOURCES

The DocuColor 242/252/260 Training and Information CD (packaged and shipped with the product) is an interactive method to instruct the user on how to master copy and print operations.

SYSTEM CONFIGURATION PAGES

Printed when the system is powered up for the first time.

SUPPORT

Additional help, software and driver updates available at:

www.XEROX.COM/OFFICE/SUPPORT

WEB LINKS

Xerox provides many resources to help you learn more about your Xerox printer-copier device. Use these web sites to obtain information about your Xerox product:

- To link to product and supplies information, download printer drivers, view documents, and access support information:
www.XEROX.COM/OFFICE
- To access the troubleshooting knowledge base used by Xerox Customer Support staff:
www.XEROX.COM/OFFICE/INFOSMART
- To find your local sales and support center:
www.XEROX.COM/OFFICE/CONTACTS

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Questions? Comments? Problems?

If you have any questions, please contact your Xerox sales representative, call **1-877-362-6567**, or visit us on the web at **www.xerox.com/office**.

