

Detailed Specifications



CopyCentre 232 shown with Duplex Automatic Document Feeder, High Capacity Feeder and Offset Catch Tray



WorkCentre 238 shown with Duplex Automatic Document Feeder, High Capacity Feeder and Basic Office Finisher



WorkCentre 245 shown with Duplex Automatic Document Feeder, High Capacity Feeder and Office Finisher



WorkCentre Pro 255 shown with Duplex Automatic Document Feeder, High Capacity Feeder, Professional Finisher and Convenience Stapler/Shelf

CopyCentre/WorkCentre/WorkCentre Pro 232/238

CopyCentre/WorkCentre/WorkCentre Pro 245/255

OUTPUT SPEED – printing and copying

Up to 32 and 38 ipm (images per minute) 8.5 x 11 in. (A4/210 x 297 mm)	Up to 45 and 55 ipm (images per minute) 8.5 x 11 in. (A4/210 x 297 mm)
Up to 25 ipm 8.5 x 14 in. (216 x 356 mm)	Up to 36 ipm 8.5 x 14 in. (216 x 356 mm)
Up to 22 ipm 11 x 17 in. (A3/297 x 420 mm)	Up to 31 ipm 11 x 17 in. (A3/297 x 420 mm)

FIRST-IMAGE-OUT TIME (FCOT) – letter size, from platen to offset catch tray

As fast as 4.5 seconds

As fast as 3.3 seconds

Copy Specifications

COPYING

Document Scanner	Single Pass – Platen (available with CopyCentre and WorkCentre 232/238) or Duplex Automatic Document Handler (DADH) option. Scans sizes up to 11 x 17 in. (A3/297 x 420 mm) SEF
Sides (input:output)	1:1, 1:2, 2:2 and 2:1
Quantity	1 to 9,999
Resolution	600 x 600 x 8 bit dpi input / 4800 x 600 dpi interpolated output
Concurrency*	Unlimited program-ahead consistent with configuration (Copy, Print, Fax and Scan)
Copy Pre-Collation Memory (EPC)	128 MB — CopyCentre / WorkCentre (expandable to 512 MB) 384 MB — WorkCentre Pro (expandable to 512 MB)

Continued
* A minimum of 256 MB EPC memory required

Copy Specifications

COPYING (Continued)

**Basic Copy
Features/Options****Features**

Collation
Automatic 2-Sided/Duplex
Auto Reduction and Enlargement to fit selected paper size
Auto Paper Select
Auto Tray Switching

Options

Hole Punching
Stapling
Booklet Creation

Imaging Copy Features

Image Quality

- Original Type Selections: Normal, Text, Halftone, Photo
- Output Quality Selections: Lighter/Darker, Background Suppression, Contrast, Sharpness or Screening

Book Copying/Bound Copying
Edge Erase (with Print to Edge option)
Mixed Size Original
Image Shift (with Auto Center option)

Output Copy Features

Transparencies (including dividers – blank or printed)
Booklet Creation
Multi-up (up to six columns by six rows)
Invert Image (negative or mirror image)
Covers (Front only, Front and Back, Back only: Blank or Printed)
Annotation and Bates Stamping
Build Job (Enables page-level programming to include tab copying and also lets you proof each section or delete last section as the job is built)
Inserts and Tab copying
Sample Set and Job Storage (Store and Recall job programming)
Heavy weight paper (not rough stock)

**Other Copy/Device
Features**

Job Interrupt (Interrupt the current job)
Help (Intuitive text and graphic descriptions)
Internal Auditron (Copy)
Languages (Select up to 20 languages for User Interface – US English, International English, International French, Italian, German, International Spanish, Dutch, Portuguese, Brazilian [Latin Portuguese], Swedish, Norwegian, Danish, Finnish, Turkish, Greek, Russian, Czech, Polish, Hungarian or Romanian)

Reduction/Enlargement

Variable Zoom from 25% - 400% in 1% increments
Six User-Programmable percentages (25%, 64%, 78%, 129%, 154% and 200%)

**Foreign Device Interface
(FDI) (Optional)**

Interface to third-party access control devices, coin machines, card readers
Supports a variety of vending stations available through the Xerox Custom Application Service

USB Port

PC interface for upload/download of internal auditron data and Xerox Copier Assistant
Customer device administration/software upgrade

Continued

Copy Specifications

COPYING (Continued)

Accessibility Option Xerox Copier Assistant (XCA) Software provides a PC-based alternative to the user interface touchscreen. Used in conjunction with a customer-supplied PC attached via the USB port, this software provides text-to-speech, screen magnification and easy PC keyboard access to basic and advanced copy features.

PAPER HANDLING – Duplex Automatic Document Feeder (DADF) (optional with 232/238 CC and WC configurations)

Capacity* 75 sheets

Speed 232/238: Up to 38 ipm (images per minute), 8.5 x 11 in. (A4/210 x 297 mm) long edge feed (LEF)
245/255: Up to 55 ipm (images per minute), 8.5 x 11 in. (A4/210 x 297 mm) long edge feed (LEF)

Paper Sizes Sensed Statement – 5.5 x 8.5 in. (A5/148 x 210 mm long edge feed (LEF) or short edge feed (SEF)
Letter – 8.5 x 11 in. (A4/210 x 297 mm) LEF or SEF
Legal – 8.5 x 14 in. (216 x 356 mm) SEF
Ledger – 11 x 17 in. (A3/297 x 420 mm) SEF

Weights 13 lb to 32 lb bond (50 to 120 gsm)

PAPER HANDLING – Two Front Loading Paper Trays

Capacity* 550 sheets each

Sizes User adjustable from 5.5 x 8.5 in. (A5/148 x 210 mm) to 11 x 17 in. (A3/297 x 420 mm)

Weights 16 lb to 53 lb bond/110 lb index (60 to 200 gsm)

Types Letterhead
Preprinted forms
Plain Paper
Drilled/Hole-punched
Heavyweight
Recycled
Tab Stock
Bond
Envelopes
Custom Settings (up to 7)

Options Envelope Tray Kit (for occasional use with C10 envelopes)

Continued

*Paper capacities are based on 20 lb bond stock; capacities will vary with different weight stocks.

Copy Specifications

PAPER HANDLING – Bypass Tray

Capacity*	100 sheets
Sizes	User Adjustable from 4.13 x 5.83 in. (105 x 148 mm) to 11 x 17 in. (A3/297 x 420 mm)
Weights	16 lb to 57 lb bond/80 lb cover (60 to 216 gsm)
Types	Letterhead Preprinted forms Plain Paper Drilled/Hole-punched Heavyweight Recycled Label Stock Transparencies Tab Stock Bond Envelopes Custom Settings (up to 7)

PAPER HANDLING – High Capacity Feeder (HCF) (optional)

Capacity*	Two trays: 1,600 and 2,000 sheets each
Sizes	8.5 x 11 in. (A4/210 x 297 mm) LEF
Weights	16 lb to 53 lb bond/110 lb index (60 to 200 gsm)

PAPER HANDLING – Total Capacity

Device Total Capacity*	4,800 sheets (with Bypass tray, front loading paper trays and High Capacity Feeder)
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OUTPUT OPTION – Offset Catch Tray (OCT) option

Capacity*	300 sheets
Sizes	4.25 x 5.5 in. (A6/105 x 148 mm) to 11 x 17 in. (A3/297 x 420 mm)
Weights	16 lb to 57 lb bond/80 lb cover (60 to 216 gsm)

OUTPUT OPTION – Basic Office Finisher option (available for 232, 238 and 245 only)

Capacity*	Top Tray — 250 sheets Stacking Tray — 1,000 sheets
Sizes	4.25 x 5.5 in. (A6/105 x 148 mm) to 11 x 17 in. (A3/297 x 420 mm)
Weights	16 lb to 57 lb bond/80 lb cover (60 to 216 gsm)
Stapling*	30 sheets Single position (top right hand corner)

Continued
*Paper capacities are based on 20 lb bond stock; capacities will vary with different weight stocks.

Copy Specifications

OUTPUT OPTION – Office Finisher option

Capacity*	Top Tray — 250 sheets Stacking Tray — 2,000 sheets	
Sizes	4.25 x 5.5 in. (A6/105 x 148 mm) to 11 x 17 in. (A3/297 x 420 mm)	
Weights	16 lb to 57 lb bond/80 lb cover (60 to 216 gsm)	
Stapling*	50 sheets Single (any corner) and dual	
Hole Punch (Optional)	North America 3-hole punch 2-hole Legal punch	Europe 2-hole punch 4-hole punch 4-hole “Swedish” punch

OUTPUT OPTION – Professional Finisher option

Capacity*	Top Tray — 250 sheets Stacking Tray — 1,500 sheets	
Sizes	4.25 x 5.5 in. (A6/105 x 148 mm) to 11 x 17 in. (A3/297 x 420 mm)	
Weights	16 lb to 57 lb bond/80 lb cover (60 to 216 gsm)	
Stapling*	50 sheets Single (any corner), dual, front, rear, SEF and 4-stitch	
Hole Punch (Standard)	North America 3-hole punch	Europe 2-hole punch
Hole Punch (Optional)	2-hole Legal punch	4-hole punch 4-hole “Swedish” punch

Booklet Maker Capacity*	<ul style="list-style-type: none"> • Tray stop up: 30 booklets (1-15 sheets per booklet) • Tray stop down: Unlimited
Sizes	<ul style="list-style-type: none"> • Letter — 8.5 x 11 in. (A4/210 x 297 mm) • Legal — 8.5 x 14 in. (216 x 356 mm) • Ledger — 11 x 17 in. (A3/297 x 420 mm)
Weights	• 16 lb to 57 lb bond/80 lb cover (60 to 216 gsm)
Stapling*	• Saddle-stitch (2-15 sheets / 8-60 page booklet)
Folding	• V-folding (1-15 sheets / unstapled)

OUTPUT OPTION – Convenience stapler option

Capacity*	50 sheets
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Continued
*Paper capacities are based on 20 lb bond stock; capacities will vary with different weight stocks.

Print Specifications

NETWORK PRINTING – Smart Controller (*Simultaneous rip, receive, program ahead, queue processing, and transmit*)

Processor	1.4 GHz AMD Athlon dedicated	
Memory (ESS)	WorkCentre 128 MB (expandable to 256 MB) WorkCentre Pro 256 MB	
System Disk	80 GB Hard Drive shared	
Printer Language (PDL) auto switching	WorkCentre <ul style="list-style-type: none"> • PCL 6/PCL 5e Standard in North America: • PostScript 3 emulation • TIFF (6.0 Old JPEG and New JPEG) • TIFF Fax Extended (TIFF - FX) • PDF • LCDS, SCS, XES and IPDS through third party transforms 	WorkCentre Pro <ul style="list-style-type: none"> • PCL 6/PCL 5e • PostScript 3 emulation • TIFF (6.0 Old JPEG and New JPEG) • TIFF Fax Extended (TIFF - FX) • PDF • LCDS, SCS, XES and IPDS through third party transforms

NETWORK PRINTING – Resolution (*printing via CentreWare software*)

PostScript emulation: 600 x 600 dpi and 1200 x 1200 dpi (up to 256 shades of grey)
PCL: 600 x 600 dpi
Supports PCL and PS switching within job

NETWORK PRINTING – Printing Features

Bi-directional Print Drivers
Embedded web server for remote control/monitor/setup
Job monitoring at the device and at desktop

Advanced Features Include: Special font
Banner Sheet
Rotate Image
Offset

NETWORK PRINTING – Print Driver Options

Paper Output	Job Type <ul style="list-style-type: none"> • Secure, Sample, Delay • LAN Fax-with fax option • Save and Save & Print – WorkCentre Pro* Paper Selection by attribute (including transparency separators) Duplex (2-sided) Finishing <ul style="list-style-type: none"> • Multiple Stapling positions • Hole punch (if configured) • Booklet creation • Fit to new paper size • Saddle stitch (with Professional Finisher) Output tray selections Store and recall driver setting
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*Feature is not included with the Common Criteria Security Option.

Print Specifications

NETWORK PRINTING – Print Driver Options (Continued)

Special Pages Exception Page programming (covers, inserts/tabs, exception pages)

Image Options Light/Dark
Toner saver
Resolution options (600 x 600 and 1200 x 1200 dpi)
Reduction/Enlargement
Margins (edge to edge printing)
Invert Image (negative/mirror)

Layout/Watermark N-up (16)/Multi-up
Booklet Layout/Finishing
Fit to new paper size
Image orientation
Watermark options

PRINT PROTOCOLS AND NETWORKS

Physical Ethernet 10/100BaseT, 10BaseT, 10Base2(IEEE802.5) (Token ring) –via adapter, wireless Ethernet (IEEE802.11a/b/g)
-via third party adapter
USB 2.0 / (IEEE1284) Parallel Port Kit (WorkCentre Pro option)

Operating Systems**WorkCentre**

- Microsoft Windows 98, Me, NT 4.0, 2000, XP, Windows Server 2003, Citrix, Novell NetWare 4.x, 5.x, 6
- Standard in North America:
 - Mac OS 8.x, 9.x, OS X
 - Solaris 2.8, 2.9, 2.10
 - HPUX 11.0
 - IBM AIX 4.3.3
 - Linux Fedora Core 1 (Intel)
 - Linux Yellowdog 3.0

WorkCentre Pro

- Microsoft Windows 98, Me, NT 4.0, 2000, XP, Windows Server 2003, Citrix, Novell NetWare 4.x, 5.x, 6
- Mac OS 8.x, 9.x, OS X
- Solaris 2.8, 2.9, 2.10
- HPUX 11.0
- IBM AIX 4.3.3
- Linux Fedora Core 1 (Intel)
- Linux Yellowdog 3.0

Network Protocols**WorkCentre**

- TCP/IP, LPR/LPD, Raw IP (Port 9100), NetBIOS SMB, IPX/SPX and Net BEUI, IPP, NDPS, NEPS
- AppleTalk/EtherTalk, Bonjour enabled via PostScript - (standard in North America)

WorkCentre Pro

- TCP/IP, LPR/LPD, Raw IP (Port 9100), NetBIOS SMB, IPX/SPX and Net BEUI, IPP, NDPS, NEPS
- AppleTalk/EtherTalk, Bonjour

Administration Protocols

DHCP, BOOTP, SNMP, WINS, DDNS, SLP v2, HTTP, RARP, DHCP Autonet

Security Protocols/Features**Protocols**

- HTTPS
- IPsec
- 802.1x

Features

- IP filtering
- Unlimited Secure Print
- Audit log
- Image Overwrite
- LDAP Secure Authentication / Secure LDAP
- Data Encryption

Continued

Print Specifications

PRINT PROTOCOLS AND NETWORKS (Continued)

Fonts

PCL: 80 scalable fonts, line printer and bitmap format line printer fonts (true type fonts)
 PostScript 3: 136 PostScript standard fonts (true type fonts/send fonts as/substitution table)
 Font Management Utility for downloading additional fonts (available for Windows and Mac)

Print Drivers

Environment

PCL6/5e

PostScript 3

Windows 98/Me, NT 4.0, 2000/XP,
 Windows Server 2003, Windows
 Walk-up (PS), Microsoft Certified

Xerox custom graphical user interface
 Bi-directional features

- Job, Paper and Toner status
- Job status notification
- Just in time Bi-Di
- Auto population of IP address
- Delete jobs

Xerox custom graphical user interface
 Bi-directional features

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- Delete jobs

Macintosh System 8.x – 10.2

N/A

Generic PPD

Macintosh System 10.3 and higher

N/A

Xerox custom graphical user interface
 Bi-directional features

- Toner, Fuser and Xerographic module status

Print Submission Tools

Environment

PCL

PostScript 3

Solaris 2.8, 2.9, 2.10; HP-UX 11.0,
 IBM AIX 4.3.3;
 Linux Fedora Core 1 (Intel);
 Linux YellowDog 3.0

Submission Tool only

Submission Tool with full feature set
 (includes administration, GUI/TTY
 print driver and software installation)

TIFF/PDF: Supported in
 Windows 98/Me/NT 4.0/2000/XP,
 Windows Server 2003

Submission Tool for any
 TIFF or PDF file

N/A

Continued

Print Specifications

DEVICE MANAGEMENT

Management Support	SNMP Version 1. SNMP Version 2c and SNMP Version 3 MIB access (IETF-MIBII RFC 1213), host resources MIB RFC 2790, Printer MIB RFC v.2
Xerox CentreWare Internet Services	Allows simple remote installation setting of configuration options and management of the device
Xerox CentreWare Web	A Web-based server application for network administrators that permits Web browser-based device management from any workstation, whether running Windows, UNIX or any other operating system. Works with any SNMP-managed printer from any manufacturer. Provides help with device discovery and installation, health checks and troubleshooting, and device upgrades, as well as basic accounting and asset management. Requires Windows XP or 2000 (Professional or Advanced Server) Windows 2003 and Internet Explorer 6.0 and higher
Novell NDPS/NEPS (gateway for WorkCentre Pro)	Server gateway application: centralized management tool
Xerox CentreWare for Unicenter TNG	Provides added identification to the general discovery performed by Unicenter TNG and the ability to see the WorkCentre Pro under a Unicenter TNG Business Process View
Xerox CentreWare for Tivoli NetView	Provides for the identification of Xerox N-Series printers and WorkCentre Pro multifunction systems in the general discovery performed by Tivoli NetView
Xerox CentreWare for HP OpenView	Provides for the identification of Xerox N-Series printers and WorkCentre Pro multifunction systems in the general discovery performed by HP Openview Provides traps and message updates to the Open View alarm browser and the ability to launch CentreWare Internet Services for device management directly from OpenView
Xerox Barcode Pro PS (optional) Purchase via www.font.net	Enables intelligent PostScript printing on Xerox multifunction systems by storing Xerox software, as well as, the barcode fonts on the printer hard disk. Enables the printing of barcodes from any application (SAP R/3 client or mainframe) that supports PostScript printing. Automatically calculates the check digit, places start/stop and middle bar characters in the data string, compresses and encodes the data string, and rotates the barcode through 90 or 270 degrees.
Xerox Device Types for SAP R/3 Environment are available at www.xeroxofficesapsolutions.com	Simplifies printing in SAP R/3 environments by providing users of SAP R/3 3.x, 4.x, 4.5x, 4.6x, SAP Enterprise 4.7x, ERP applications with enhanced WorkCentre Pro printing functionality (PostScript and PCL): <ul style="list-style-type: none"> • One- to Two-sided printing • Finishing provides single or dual stapling • Tray pull location from any tray • # of copies – provide the ability to print multiple copies • Paper Type and color – provide ability to select different paper types and paper colors, such as transparency, red, etc. • Print security via PIN ID capability at the WorkCentre Pro • Job Based Accounting (JBA) – Provides capability to add JBA UserIDs to SAP print jobs • Printer banner sheet – Provide the ability to enable/disable printer banner sheets • Barcode printing – Xerox standard PostScript device types available at www.xeroxofficesapsolutions.com supports Intelligent Barcode Printing with Xerox Barcode Pro PS. This Barcode Pro PS can be purchased at www.font.net
Xerox SAP R/3 Intelligent Barcode Utility (optional) Purchase via www.font.net	Provides built-in process intelligence that allows the printing of barcodes on any appropriately configured PostScript printer on the SAP R/3 4.1x, 4.5x, 4.6x and within Latin-1 (ISO8859-1) SAP system code pages only. Used in conjunction with Xerox PostScript Device Types for SAP R/3 environment and Xerox Font Center Barcode Fonts. Utility enables automated checksum calculation, placement of start/stop characters, encoding of data string, and data compression.

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Print Specifications

CENTREWARE INTERNET SERVICES – Integrated device Web page

Device Status	Web server embedded on SMart Controller <ul style="list-style-type: none"> • Tray status/contents • Consumables status • Alerts
Job-Print Queue Viewing	Complete job print queue management –delete
Job Submission	Print ready files PS, PCL (TIFF, PDF with WorkCentre Pro only) Output feature selection (2-sided, staple, fold, hole punch, paper select) Delivery options (Immediate, proof, delay and secure)
Device Administration	Allows simple, remote installation setting of configuration options and management of the device
Scan Template Management	250 templates can be created Create device specific CentreWare scan templates Select confirmation sheet options Share scan templates via device cloning
Browsers	Netscape 6.2, 7.x (Mozilla 1.x) Internet Explorer 5.5.x, 6.x Safari 1.x Mozilla Firefox 1.x
Support	Online support available via web page

Scan Specifications

SCANNING

Concurrency	Scan while the system is printing, copying, or while it is transferring scan to network or fax jobs
Input Speed	Scan at 38 ipm (232/238) or 55 ipm (245/255) - 8.5 x 11 in. (A4/210 x 297 mm) LEF at all resolutions
Resolutions DPI Options	600 x 600 dpi 400 x 400 dpi 300 x 300 dpi 200 x 200 dpi 100 x 100 dpi 72 x 72 dpi
Scan Presets	<ul style="list-style-type: none"> • Archival Record (Normal Quality - Smallest file size) – 100 x 100 • For Sharing and Printing (Normal Quality - Small file size) – 200 x 200 • For High Quality Printing (High Quality - Large file size) – 300 x 300 • For OCR (High Quality - Large file size) – 300 x 300 • Simple Scan (Normal Quality - Small file size) – 200 x 200
Quality/File Size	<ul style="list-style-type: none"> • Normal Quality (Small file size) • Higher Quality (Large file size) • Maximum Quality (Largest file size)

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Scan Specifications

SCANNING (Continued)

Maximum Scan Area 11 x 17 in. (A3/297 x 420 mm)

File Formats TIFF 6.0 with G3 MH, G4 MMR, MRC or JPEG compression (single page or multiple pages)
PDF (image only with G3 MH, G4 MMR, JPEG or JBIG2 compression)
Linearized PDF*

SCAN TO EMAIL (Optional with WorkCentre / Standard with WorkCentre Pro)

Capability Scan to e-mail (manual address entry or directory (Exchange/Notes/LDAP) address searching (internal address book or Public address book – up to 128 recipients)

Network Protocol SMTP
MIME encoded

Scan Features Email signatures (6 lines each of 128 character max), email message body (user configurable), email CWIS confirmation sheet options

NETWORK SCANNING (Standard with WorkCentre Pro)

Capability

- Enables device-specific network scan workflows (destination templates) to be easily created and edited via CentreWare Internet Services
- Scan to Home displays one template and populates with the user's directory path after authentication*
- Scan to file
- Scan to network server / directory
- Scan to Mailbox*
- Scan to Windows XP client via Windows Image Acquisition (WIA) or TWAIN driver downloadable from www.xerox.com

Network Protocol Novell (NCP via IPX/SPX)
FTP
Microsoft SMB via TCP/IP
HTTP/HTTPS

Document Management Fields (Metadata) Features only available in Network Scan to File Templates:
1-6 user programmable metadata fields per network scan to file templates and unlimited fields within the template
- Metadata Fields consists of field name, display at the LUI or not, default value and other configurations
Customized fields viewed on user interface
Variable data entered using virtual keyboard at device

Continued
*Feature is not included with the Common Criteria Security Option.

Scan Specifications

NETWORK SCANNING (Standard with WorkCentre Pro) (Continued)

Scan Template Management	Share scan templates among WorkCentre Pro via device cloning Scan template management (250 templates) with CentreWare Internet Services Select confirmation sheet option
Scan Features	Build job for scan to file only (enables special programming for different pages in one document – can be used for inserts, mixing input from the document glass and document feeder), Duplex scanning, Auto detect document size, Scan mixed size originals, scan to edge.
NETWORK SCANNING SOFTWARE SOLUTIONS with WorkCentre Pro	
FreeFlow Scan to PC Desktop Workgroup Edition SE V 8.0 (optional)	A desktop offering that provides document imaging, archiving, editing and organization tools ScanSoft PaperPort SE 10 – image viewing and file management software ScanSoft OmniPage SE 4.0– offer desktop/client installation – OCR and file format conversion software Image Retriever – provides fully automated retrieval of scanned images direct from WorkCentre Pro to individual desktops
FreeFlow Scan to PC Desktop Workgroup Edition Professional V 8.0 (optional)	A desktop offering that provides advanced document imaging, archiving, editing and organization tools. ScanSoft PaperPort Professional 10 image viewing and file management software <ul style="list-style-type: none"> • Complete PDF functionality • Secure PDF workflow of all scanning applications ScanSoft OmniPage Pro 15 Office (for desktop/client installation) Professional OCR software for digital archiving and document conversion Image Retriever – provides fully automated retrieval of scanned images direct from a scan enabled Xerox WorkCentre Pro to individual desktops. Also includes an email inbox polling capability
FreeFlow SMARTsend* (optional)	Server base document routing software that supports multiple scan-enabled multifunctional systems Enables transformation, distribution and routing of scanned documents Workflow creation via Web browser-based task creation (destinations, devices, document attributes – 20 file types including PDF, workflow settings, workflow summary) <ul style="list-style-type: none"> • Scan to File Destinations: email, Microsoft NetWare folder, network folder, FTP, Microsoft Exchange 2000 web folders, web URL, remote printers • Scan to Document Repository Destinations: DocuShare, Domino, Domino.doc, Microsoft SharePoint, Hummingbird DNS, Open Text Livelink, Documentum, Interwoven Work Site Workflow initiation via device scanning user interface (template selection at device UI) Adding of Metadata information
FreeFlow SMARTsend* Professional (optional)	Everything in Free Flow SMARTsend, plus: <ul style="list-style-type: none"> • Workflow initiation via Paperware (Scan coversheets) • Server-based Optical Character Recognition (OCR) • Searchable PDF • Scan to Internet fax file destination • TrueMatch patented search technology

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*Features, configurations, and options vary by location

Fax Specifications

FAX OPTIONS –Walk-up option (One or Two Lines options)

Compatibility	ITU (CCITT) Group 3	
Memory	32MB (One Line) 256MB (Two Line)	
Speed/Modem(s)	1 or 2 V.34 modems: 33,600bps. Less than 4 seconds per page transmission time, ISDN via third party adapter	
Compression/Speed	MH/MR/MMR/G3/Super G3	
Fax Send Features	Quality/Resolution <ul style="list-style-type: none"> • Original type: Normal, text, half tone, photo, lighter/darker, background suppression • Fax - off Platen, mixed sizes or Bound/Book Auto Send (Up to 5) Audio line monitor Transmission options (Report/Header) Reduce/Split large documents Cover letter Delayed send Build Job (up to 1000 images) Polling	
Fax Receive Features	One or two-sided printing Stapled or unstapled, hole punch Receive print mode --Manual (size, margin, stock, header)/Auto Auto answer delay Secure receive Junk fax prevention	
Fax Reports	Activity Dial directory Group directory Options Pending Jobs	
Fax Mailboxes	Up to 100 password-protected Poll Remote mailboxes (up to 255) password-protected	
Auto Dialing Features	Speed Dials <ul style="list-style-type: none"> • 200 (One-line option) • 1,000 (Two-line option) Group Dials <ul style="list-style-type: none"> • Up to 100 groups with up to 200 recipients per group (One-line option) • Up to 200 groups with up to 400 recipients per group (Two-line option) Auto redial <ul style="list-style-type: none"> • Up to 14 attempts • Up to 25 min intervals • Batch Send (up to memory capacity) 	
Resolutions	200 x 100 dpi (Standard)	400 x 400 dpi
	200 x 200 dpi (Fine)	400 x 600 dpi
	300 x 300 dpi	600 x 600 dpi (Superfine)
	200 x 400 dpi	

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Fax Specifications

FAX OPTIONS - LAN Fax with Walkup Fax (Optional with WorkCentre and WorkCentre Pro)

Driver based LAN fax for Windows and Macintosh users (PCL and PS drivers)
 Recipient options (add recipient or add from phone book)
 User personal phone book – up to 1,000 entries
 Confirmation sheet
 Send speed (14.4/33.6kbps or 4800bps)
 Send time
 Dialing options (prefix or credit card)
 Cover sheet (add notes)
 Preferences – Phonebook (personal or shared LDAP)

FAX OPTIONS – Internet Fax (Optional with WorkCentre Pro)

Capability	Direct document transmission to remote Internet Fax machines or e-mail clients (SMTP) Reception and automatic printout of documents sent via e-mail from remote Internet Fax machines or e-mail clients	
Maximum Scan Area	11 x 17 in. (A3/297 x 420 mm)	
Address Directory Access	Corporate address list via LDAPv3 Downloaded address list (comma-separated file format) Internal LDAP or Public address book	
File Formats	TIFF-FX profiles S, F with G3 MH or JPEG compression PDF (image only) with G3 MH, G4 MMR or JPEG compression PDF and Multi TIFF	
Resolutions	600 x 600 dpi 400 x 400 dpi 300 x 300 dpi 200 x 200 dpi	200 x 100 dpi 100 x 100 dpi 72 x 72 dpi
Network Protocols	SMTP POP3 (RFC 1939)	
Compliance	ITU-T T.37 complaint	
Features	Signature (SA configurable –16 lines each of 128 character max) Delivery Confirmation <ul style="list-style-type: none"> • Email receipt option • Confirmation reply option • Cover sheet option • Subject (248 characters) • User configurable message body 	

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Fax Specifications

FAX OPTIONS – Network Fax Server Enablement (*Optional with WorkCentre Pro*)

Capability	Provides walk-up faxing and hard copy output of received faxes when integrated with fax server applications (fax server and software must be purchased separately from supplier). Transmission speeds, number of lines, compatibility and compression are dependent on fax server configuration (via SMTP).
Maximum Scan Size	11 x 17 in. (A3/297 x 420mm)
Network Protocols	Novell (NCP via IPX/SPX) FTP Microsoft SMB via TCP/IP HTTP/HTTPS SMTP
Fax Send Features	One- or two-sided scanning (up to 11 x 17 in. (A3/297 x 420 mm)) Phone number entry Add to send list (50 numbers maximum) Delay send (specific time) Resolution selection (fine, standard) Image quality selection (normal, text, lighten/darken, photo, background suppression, seven levels of contrast, seven levels of sharpness)
Fax Print Features	One – or two-sided printing Quantity Staple on/off Collate on/off Secure print on/off Finisher output tray selection (top tray or main tray)
Supported Network Fax Vendors	Multiple vendors, certified by the Xerox Business Alliance Partner Program. For details visit www.xerox.com

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Device Management Specifications

ACCOUNTING FEATURES – Internal Auditron

Tracking	Copy usage
Accounting	Up to 2,150 User accounts Up to 5,925 General accounts Up to 256 Group accounts
Features	Auditron report printout, ability to upload/download account and usage data via direct connection using Microsoft Windows based software

ACCOUNTING FEATURES – Xerox Standard Accounting (Standard with WorkCentre and WorkCentre Pro)

Tracking	Copy, Print, Fax and Scan usage
Accounting	Up to 2,500 User accounts (User Id) Up to 500 General accounts (Client) Up to 500 Group accounts (Department)
Features	Enable/disable via the web UI or the GUI in tools, admin can manage the feature remotely via the web UI, Data can be exported via a CSV file, user required to enter XSA ID into the print driver when submitting a print job, similar to secure print.

ACCOUNTING OPTIONS – Network Accounting (Optional on WorkCentre Pro)

Enhanced network accounting with up to the minute data on how the WorkCentre Pro system is being used; comprehensive management and enterprise scale tracking and reporting of device usage of copy, print, scan and server fax. Various options available through Xerox Business Alliance Partner solutions. For details visit www.xerox.com
Security enhancements with the addition of HTTPS protocol support
WorkCentre Pro requests account authentication from 3rd party server enabling larger databases of users and accounts

Continued

Device Management Specifications

SECURITY – review the supplemental Security brochure for details

Authentication

Secure device login with network user name and password
 Supports Kerberos (Windows 2000/UNIX/Windows Server 2003)
 SMB (Windows NT 4.0/Windows 2000/Windows Server 2003)
 Novell over IP/IPX (Novell NetWare 4.x/5.x/6.x)
 PIN-based guest login

Features

802.1x*
 HTTPS (SSL)
 SNMP V3
 IPSec
 Network Authentication
 Device Access Password Protection
 IP Filtering
 Audit Log
 Disk Encryption – for Store Print and Scan to Mailbox features on WorkCentre Pro*
 Secure Print
 Fax Security

Options

Disk Image Overwrite
 -Immediate, On Demand, and Scheduled
 Common Criteria Certified Software Level
 -Provides the exact certified software level that was certified by the National Information Assurance Partnership.
 This software level does not include the items noted in this document with an “*”.

XEROX EXTENSIBLE INTERFACE PLATFORM™ (EIP)

Xerox EIP is a development platform that allows customers, Xerox Business Partners and System Integrators to build unique applications that are presented at the WCP 200 series user interface. Xerox EIP is an open standard platform that utilizes industry standard development tools enabling applications that are easily developed and customized to meet the needs of any business environment or personalized for each user. These applications will yield simpler user interactions and result in less time interacting with the MFP which drives increased worker productivity and systems that easily adapt to your business processes.

Continued

*Feature is not included with the Common Criteria Security Option.

Machine Specifications

MONTHLY DUTY CYCLE

232 – up to 125,000 pages
 238 – up to 150,000 pages
 245 – up to 175,000 pages
 255 – up to 200,000 pages

BASIC CONFIGURATIONS*

CopyCentre and WorkCentre with Platen, Two Trays and Stand (232/238option)
 CopyCentre, WorkCentre and WorkCentre Pro with DADF, Two Trays and Stand
 CopyCentre, WorkCentre and WorkCentre Pro with DADF and HCF

ACCESSORY OPTIONS*

CopyCentre

Walkup Fax • One line
 • Two lines
 Offset Catch Tray (OCT)
 Basic Office Finisher (available with 232/238/245 only)
 Office Finisher
 Professional Finisher
 Convenience Stapler
 Hole Punch (with Office Finisher — see Output Options for details)
 Envelope Kit (North America only)
 256 MB Pre Collation Memory (EPC)
 Foreign Interface Device (FDI)
 Xerox Copier Assistant (XCA)
 Upgrade Kits to WorkCentre or WorkCentre Pro

WorkCentre — same as
CopyCentre, plus:

Walkup Fax with LAN Fax • One line
 • Two lines
 PostScript 3 emulation/MAC Ethertalk (standard in North America)
 Image Overwrite Security (standard feature in North America)
 Email with LDAP / Authentication and additional memory
 Common Criteria Certified Software Level
 Common Criteria Kit (US only)

WorkCentre Pro — same
as CopyCentre plus:

Walkup Fax with LAN Fax • One line
 • Two lines
 Image Overwrite Security (standard feature in North America)
 USB 2.0 / (IEEE1284) Parallel Port Kit
 FreeFlow Scan to PC Desktop SE and Professional
 Internet Fax
 Enablement for Fax/Scan/Accounting Xerox Business Alliance Partner solutions
 Common Criteria Certified Software Level
 Common Criteria Kit (US only)

Continued

*Features, configurations and options may vary by location.

Machine Specifications

ELECTRICAL REQUIREMENTS

110-140 Volt Nominal, 60 Hz, 15A (North America)

220-240 Volt Nominal, 50 Hz, 10A (Europe)

Note: Convenience Stapler requires separate 110V 15A circuit

POWER CONSUMPTION ¹	232/238 CopyCentre	232/238 WorkCentre/WorkCentre Pro	245/255 CopyCentre	245/255 WorkCentre/WorkCentre Pro
Running	≤ 1080 watts	≤ 1130 watts	≤ 1180 watts	≤ 1230 watts
Standby	≤ 220 watts	≤ 260 watts	≤ 240 watts	≤ 290 watts
Low Power Mode	≤ 90 watts	≤ 120 watts	≤ 100 watts	≤ 125 watts
Auto Off / Sleep mode	≤ 5 watts	≤ 45 watts	≤ 5 watts	≤ 9 watts
Warm up to Copy	≤ 28 seconds	≤ 28 seconds	≤ 28 seconds	≤ 28 seconds
Ready to Print	NA	≤ 130 seconds	NA	≤ 130 seconds
Low Power Recovery	≤ 20 seconds	≤ 20 seconds	≤ 20 seconds	≤ 20 seconds

ENVIRONMENTAL CONSIDERATIONS

Required Temperature Range 10° to 32° C**Required Relative Humidity** 10% to 85%

DIMENSIONS AND WEIGHTS (CopyCentre)	Width	Depth	Height ³	Weight ²
Configuration With OCT	38 in. / 955 mm	26 in. / 650 mm	57 in. / 1,460 mm	Platen/HCF/OCT 221 lbs/100 kg DADH/HCF/OCT 263 lbs/119 kg
With Basic Office Finisher	48 in. / 1,214 mm	26 in. / 650 mm	57 in. / 1,460 mm	Platen/HCF/BOF 272 lbs/123 kg DADH/HCF/BOF 314 lbs/142 kg
With Office Finisher	48 in. / 1,214 mm	26 in. / 650 mm	57 in. / 1,460 mm	Platen/HCF/OF 282 lbs/128 kg DADH/HCF/OF 323 lbs/147 kg
With Professional Finisher	56 in. / 1,420 mm	26 in. / 650 mm	57 in. / 1,460 mm	Platen/HCF/PF 387 lbs/176 kg DADH/HCF/PF 429 lbs/195 kg
DIMENSIONS AND WEIGHTS (WorkCentre / WorkCentre Pro)	Width	Depth	Height ³	Weight ²
Configuration With OCT	49 in. / 1,240 mm	33 in. / 830 mm	57 in. / 1,460 mm	DADH/HCF/OCT 278 lbs/126 kg
With Basic Office Finisher	59 in. / 1,499 mm	33 in. / 830 mm	57 in. / 1,460 mm	DADH/HCF/BOF 329 lbs/149 kg
With Office Finisher	59 in. / 1,499 mm	33 in. / 830 mm	57 in. / 1,460 mm	DADH/HCF/OF 339 lbs/154 kg
With Professional Finisher	67 in. / 1,705 mm	33 in. / 830 mm	57 in. / 1,460 mm	DADH/HCF/PF 444 lbs/202 kg

Continued

¹ With Office Finisher² Weights do not include Rear Wall (3.78 lbs. / 1.72 kg) or Shelf (2.99 lbs. / 1.36 kg).³ Height with DADH raised

Machine Specifications

SPACE REQUIREMENTS (Fixed)	Width	Depth	Height
<i>Configuration With OCT</i>	116 in. / 2,955 mm	CopyCentre 104 in. / 2,650mm WorkCentre/ 107 in. / 2,710mm WorkCentre Pro	78 in. / 1,981 mm
<i>With Basic Office Finisher</i>	127 in. / 3,214 mm	CopyCentre 104 in. / 2,650mm WorkCentre/ 107 in. / 2,710mm WorkCentre Pro	78 in. / 1,981 mm
<i>With Office Finisher</i>	127 in. / 3,214 mm	CopyCentre 104 in. / 2,650mm WorkCentre/ 107 in. / 2,710mm WorkCentre Pro	78 in. / 1,981 mm
<i>With Professional Finisher</i>	135 in. / 3,420 mm	CopyCentre 104 in. / 2,650mm WorkCentre/ 107 in. / 2,710mm WorkCentre Pro	78 in. / 1,981 mm
SPACE REQUIREMENTS (Moveable)	Width	Depth	Height
<i>Configuration With OCT</i>	77 in. / 1,955 mm	CopyCentre 65 in. / 1,650mm WorkCentre/ 67 in. / 1,710mm WorkCentre Pro	78 in. / 1,981 mm
<i>With Basic Office Finisher</i>	87 in. / 2,214 mm	CopyCentre 65 in. / 1,650mm WorkCentre/ 67 in. / 1,710mm WorkCentre Pro	78 in. / 1,981 mm
<i>With Office Finisher</i>	87 in. / 2,214 mm	CopyCentre 65 in. / 1,650mm WorkCentre/ 67 in. / 1,710mm WorkCentre Pro	78 in. / 1,981 mm
<i>With Professional Finisher</i>	95 in. / 2,420 mm	CopyCentre 65 in. / 1,650mm WorkCentre/ 67 in. / 1,710mm WorkCentre Pro	78 in. / 1,981 mm

CERTIFICATIONS

FCC Class A Compliant (US), DOC Class A Compliant (Canada)
89/336/EEC (Europe)
UL Listed (UL 1950, Third Edition)
CB Certified (IEC 60950/EN 60950)
73/23/EEC (Europe)
95/5/EEC (Europe)
Energy Star

SUPPLIES	Description	Order Number	No. per Box	Expected Yield
	Toner Cartridge	6R01046	2	30,000 at 6% area coverage
	Waste Toner Bottle (supplied with each toner cartridge box)		1	100,000
	Staple Cartridge / Pack (for Basic Office Finisher)	108R00682 / 108R00535	1 3	3,000 per cartridge 3,000 per cartridge (9,000 staples)
	Staple Cartridge (for Office Finisher)	108R00493	3	5,000 per cartridge (15,000 staples)
	Staple Cartridge (for Booklet maker saddle-stitch stapling)	8R12897	8 (4 x 2)	2,000 per cartridge (16,000 staples)
	Staple Cartridge (for Convenience Stapler)			
	• Complete Cartridge	8R12964	1	5,000 per cartridge
	• Refill Cartridge	8R12941	3	5,000 per cartridge (15,000 staples)

Continued

Machine Specifications

SMart Kits	Description	Order Number	No. per Box	Expected Yield
	Fuser Module (includes ozone filter)	109R00752 (N. America) 109R00751 (Europe)	1 1	400,000 400,000
	Xerographic Module- Metered (232/238)	113R00608	1	200,000
	Xerographic Module - Metered (245/255)	113R00672	1	400,000
	Xerographic Module - Sold (232/238)	113R00610 (N. America) 113R00607 (Europe)	1	200,000
	Xerographic Module - Sold (245/255)	113R00674 (N. America) 113R00673 (Europe)	1	400,000
	Document Handler Feeder Rolls	113R00686	1	150,000 feed

