

## Detailed Specifications



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



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



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



WorkCentre Pro 255 shown with Duplex Automatic Document Handler, 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) A4/210 x 297 mm	Up to 45 and 55 ipm (images per minute) A4/210 x 297 mm
Up to 25 ipm 216 x 356 mm	Up to 36 ipm 216 x 356 mm
Up to 22 ipm A3/297 x 420 mm	Up to 31 ipm A3/297 x 420 mm

#### FIRST-COPY-OUT TIME (FCOT) – A4 size, from platen to offset catch tray

As fast as 4.5 seconds

As fast as 3.3 seconds

### CopyCentre/WorkCentre/WorkCentre Pro Copy Specifications

#### COPYING

<b>Document Scanner</b>	Single Pass – Platen (available with CopyCentre and WorkCentre 232/238/245) or Duplex Automatic Document Handler (DADH) option. Scans sizes up to A3/297 x 420 mm Short Edge Feed
<b>Sides (input:output)</b>	1:1, 1:2, 2:2 and 2:1
<b>Quantity</b>	1 to 9,999
<b>Resolution</b>	600 x 600 x 8 bit dpi input / 4800 x 600 dpi interpolated output
<b>Concurrency*</b>	Unlimited program-ahead consistent with configuration (Copy, Print, Fax and Scan)
<b>Copy Pre-Collation Memory (EPC)</b>	128 MB — CopyCentre / WorkCentre (expandable to 512 MB) 384 MB — WorkCentre Pro (expandable to 512 MB)

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\* A minimum of 256 MB EPC memory required

## CopyCentre/WorkCentre/WorkCentre Pro 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 Centre 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 solutions available through the Xerox Alliance Partner Programme

**USB Port**

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

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## CopyCentre/WorkCentre/WorkCentre Pro 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 (English only).

## PAPER HANDLING – Duplex Automatic Document Handler (DADH) (optional with 232/238/245 CopyCentre/WorkCentre/WorkCentre Pro configurations)

<b>Capacity*</b>	75 sheets
<b>Speed</b>	232/238: Up to 38 ipm (images per minute), A4/210 x 297 mm long edge feed (LEF) 245/255: Up to 55 ipm (images per minute), A4/210 x 297 mm long edge feed (LEF)
<b>Paper Sizes Sensed</b>	A3/297 x 420 mm SEF A4/210 x 297 mm LEF or SEF A5/148 x 210 mm long edge feed (LEF) or short edge feed (SEF) Legal/216 x 356 mm SEF
<b>Weights</b>	50 to 120 gsm

## PAPER HANDLING – Two Front Loading Paper Trays

<b>Capacity*</b>	550 sheets each
<b>Sizes</b>	User adjustable from A5/148 x 210 mm to A3/297 x 420 mm
<b>Weights</b>	60 to 200 gsm
<b>Types</b>	Letterhead Preprinted forms Plain Paper Hole-punched Heavyweight Recycled Tab Stock Bond Custom Settings (up to 7)

\*Paper capacities are based on 75 gsm stock; capacities will vary with different weight stocks.

## CopyCentre/WorkCentre/WorkCentre Pro Copy Specifications

## PAPER HANDLING – Bypass Tray

<b>Capacity*</b>	100 sheets
<b>Sizes</b>	User Adjustable from 105 x 148 mm to A3/297 x 420 mm
<b>Weights</b>	60 to 216 gsm
<b>Types</b>	Letterhead Preprinted forms Plain Paper Hole-punched Heavyweight Recycled Label Stock Transparencies Inserts/Tabs Bond Custom Settings (up to 7)

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

<b>Capacity*</b>	Two trays: 1,600 and 2,000 sheets each
<b>Sizes</b>	A4/210 x 297 mm LEF
<b>Weights</b>	60 to 200 gsm

## PAPER HANDLING – Total Capacity

<b>Device Total Capacity*</b>	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

<b>Capacity*</b>	300 sheets
<b>Sizes</b>	A6/105 x 148 mm to A3/297 x 420 mm
<b>Weights</b>	60 to 216 gsm

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

<b>Capacity*</b>	Top Tray — 250 sheets Stacking Tray — 1,000 sheets
<b>Sizes</b>	A6/105 x 148 mm to A3/297 x 420 mm
<b>Weights</b>	60 to 216 gsm
<b>Stapling*</b>	30 sheets Single position (top left hand corner)

\*Paper capacities are based on 75 gsm stock; capacities will vary with different weight stocks.

## CopyCentre/WorkCentre/WorkCentre Pro Copy Specifications

## OUTPUT OPTION – Office Finisher option

<b>Capacity*</b>	Top Tray — 250 sheets Stacking Tray — 2,000 sheets
<b>Sizes</b>	A6/105 x 148 mm to A3/297 x 420 mm
<b>Weights</b>	60 to 216 gsm
<b>Stapling*</b>	50 sheets Single (any corner) and dual
<b>Hole Punch (Optional)</b>	2-hole punch 4-hole punch 4-hole “Swedish” punch

## OUTPUT OPTION – Professional Finisher option

<b>Capacity*</b>	Top Tray – 250 sheets Stacking Tray – 1,500 sheets
<b>Sizes</b>	A6/105 x 148 mm to A3/297 x 420 mm
<b>Weights</b>	60 to 216 gsm
<b>Stapling*</b>	50 sheets Single (any corner), multi-stapling (up to 4 staples)
<b>Hole Punch (Standard)</b>	2-hole punch
<b>Hole Punch (Optional)</b>	4-hole punch 4-hole “Swedish” punch
<b>Booklet Maker Capacity*</b>	<ul style="list-style-type: none"> <li>• Tray stop up: 30 booklets (1-15 sheets per booklet)</li> <li>• Tray stop down: Unlimited</li> </ul>
<b>Sizes</b>	<ul style="list-style-type: none"> <li>• A3/297 x 420 mm</li> <li>• A4/210 x 297 mm</li> <li>• Legal/216 x 356 mm</li> </ul>
<b>Weights</b>	• 60 to 216 gsm
<b>Stapling*</b>	• Saddle-stitch (2-15 sheets / 8-60 page booklet)
<b>Folding</b>	• V-folding (1-15 sheets / stapled OR 1-5 sheets / unstapled)

## OUTPUT OPTION – Convenience stapler option

<b>Capacity*</b>	50 sheets
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\*Paper capacities are based on 75 gsm stock; capacities will vary with different weight stocks.

## WorkCentre/WorkCentre Pro Print Specifications

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

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

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

<b>Paper Output</b>	Job Type <ul style="list-style-type: none"> <li>• Secure, Sample, Delay</li> <li>• LAN Fax-with fax option</li> <li>• Save and Save &amp; Print – WorkCentre Pro**</li> </ul> Paper Selection by attribute (including transparency separators) Duplex (2-sided) Finishing <ul style="list-style-type: none"> <li>• Multiple Stapling positions</li> <li>• Hole punch (if configured)</li> <li>• Booklet creation</li> <li>• Fit to new paper size</li> <li>• Saddle stitch (with Professional Finisher)</li> </ul> Output tray selections Store and recall driver setting
<b>Special Pages</b>	Exception Page programming (covers, inserts/tabs, exception pages)

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

**WorkCentre/WorkCentre Pro Print Specifications**

**NETWORK PRINTING – Printing Features (Continued)**

**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 third party adapter,  
 wireless Ethernet (IEEE802.11a/b/g) – via third party adapter  
 USB 2.0 / (IEEE1284) Parallel Port Kit (WorkCentre Pro option)

<b>Operating Systems</b>	<b>WorkCentre</b>	<b>WorkCentre Pro</b>
	<ul style="list-style-type: none"> <li>• Microsoft Windows 98, Me, NT 4.0, 2000, XP, Windows Server 2003, Citrix, Novell NetWare 4.x, 5.x, 6</li> <li>• Optional with PostScript:                             <ul style="list-style-type: none"> <li>- Mac OS 8.x, 9.x, OS X, 10.3 and higher</li> <li>- Solaris 2.8, 2.9, 2.10</li> <li>- HPUX 11.0</li> <li>- IBM AIX 4.3.3</li> <li>- Linux Fedora Core 1 (Intel)</li> <li>- Linux Yellowdog 3.0</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Microsoft Windows 98, Me, NT 4.0, 2000, XP, Windows Server 2003, Citrix, Novell NetWare 4.x, 5.x, 6</li> <li>• Mac OS 8.x, 9.x, OS X, 10.3 and higher</li> <li>• Solaris 2.8, 2.9, 2.10</li> <li>• HPUX 11.0</li> <li>• IBM AIX 4.3.3</li> <li>• Linux Fedora Core 1 (Intel)</li> <li>• Linux Yellowdog 3.0</li> </ul>

**Network Protocols**

WorkCentre	<ul style="list-style-type: none"> <li>• TCP/IP, LPR/LPD, Raw IP (Port 9100), NetBIOS SMB, IPX/SPX and Net BEUI, IPP, NDPS®/NEPS</li> <li>• AppleTalk/EtherTalk, Bonjour (optional)</li> </ul>
WorkCentre Pro	<ul style="list-style-type: none"> <li>• TCP/IP, LPR/LPD, Raw IP (Port 9100), NetBIOS SMB, IPX/SPX and Net BEUI, IPP, NDPS®/NEPS</li> <li>• AppleTalk/EtherTalk, Bonjour</li> </ul>

**Administration Protocols** DHCP, BOOTP, SNMP, WINS, DDNS, SLP v2, HTTP, RARP, DHCP Autonet

<b>Security Protocols/Features</b>	<b>Protocols</b>	<b>Features</b>
	<ul style="list-style-type: none"> <li>• HTTPS</li> <li>• IPSec</li> <li>• 802.1x</li> </ul>	<ul style="list-style-type: none"> <li>• IP filtering</li> <li>• Unlimited Secure Print</li> <li>• Audit log</li> <li>• Image Overwrite (optional)</li> <li>• LDAP Secure Authentication / Secure LDAP</li> <li>• Data Encryption</li> </ul>

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## WorkCentre/WorkCentre Pro Print Specifications

## PRINT PROTOCOLS AND NETWORKS (Continued)

<b>Fonts</b>	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)		
<b>Print Drivers</b>	<b>Environment</b>	<b>PCL6/5e</b>	<b>PostScript 3</b>
	Windows 98/Me, NT 4.0, 2000/XP, Windows Server 2003, Windows Walk-up (PS), Microsoft Certified	Bi-directional features (Xerox custom graphical user interface) <ul style="list-style-type: none"> <li>• Job, Paper and Toner status</li> <li>• Job status notification</li> <li>• Just in time Bi-Di</li> <li>• Auto population of IP address</li> <li>• Delete jobs</li> </ul>	Bi-directional features (Xerox custom graphical user interface) <ul style="list-style-type: none"> <li>• Job, Paper and Toner status</li> <li>• Job status notification</li> <li>• Just in time Bi-Di</li> <li>• Auto population of IP address</li> <li>• Delete jobs</li> </ul>
<b>Print Submission Tools</b>	Macintosh System 8.x – 10.2	N/A	Generic PPD Bi-Directional via AppleTalk (9.x)
	Macintosh System 10.3 and higher	N/A	Bi-directional features (Xerox custom graphical user interface) <ul style="list-style-type: none"> <li>• Job, Paper and Toner status</li> <li>• Job status notification</li> <li>• Just in time Bi-Di</li> <li>• Auto population of IP address</li> <li>• Delete jobs</li> </ul>
	<b>Environment</b> Solaris 2.8, 2.9, 2.10; HPUX 11.0, IBM AIX 4.3.3; Linux Fedora Core 1 (Intel); Linux YellowDog 3.0	<b>PCL</b>  Submission Tool only	<b>PostScript 3</b> 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



## WorkCentre/WorkCentre Pro Print Specifications

## DEVICE MANAGEMENT

<b>Management Support</b>	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
<b>Xerox CentreWare Internet Services</b>	Allows simple remote installation setting of configuration options and management of the device
<b>Xerox CentreWare Web</b>	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
<b>Novell NDPS/NEPS (gateway for WorkCentre Pro)</b>	Server gateway application: centralised management tool
<b>Xerox CentreWare for Unicenter TNG</b>	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
<b>Xerox CentreWare for Tivoli NetView</b>	Provides for the identification of Xerox N-Series printers and WorkCentre Pro multifunction systems in the general discovery performed by Tivoli NetView
<b>Xerox CentreWare for HP OpenView</b>	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
<b>Xerox Barcode Pro PS (optional)</b> Purchase via <a href="http://www.font.net">www.font.net</a>	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.
<b>Xerox Device Types for SAP R/3 Environment are available at</b> <a href="http://www.xeroxofficesapsolutions.com">www.xeroxofficesapsolutions.com</a>	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"> <li>• One- to Two-sided printing</li> <li>• Finishing provides single or dual stapling</li> <li>• Tray pull location from any tray</li> <li>• Number of copies – provide the ability to print multiple copies</li> <li>• Paper Type and colour – provide ability to select different paper types and paper colours, such as transparency, red, etc.</li> <li>• Print security via PIN ID capability at the WorkCentre Pro</li> <li>• Job Based Accounting (JBA) – Provides capability to add JBA UserIDs to SAP print jobs</li> <li>• Printer banner sheet – Provide the ability to enable/disable printer banner sheets</li> <li>• Barcode printing – Xerox standard PostScript device types available at <a href="http://www.xeroxofficesapsolutions.com">www.xeroxofficesapsolutions.com</a> supports Intelligent Barcode Printing with Xerox Barcode Pro PS. This Barcode Pro PS can be purchased at <a href="http://www.font.net">www.font.net</a></li> </ul>
<b>Xerox SAP R/3 Intelligent Barcode Utility (optional)</b> Purchase via <a href="http://www.font.net">www.font.net</a>	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.

## WorkCentre/WorkCentre Pro Print Specifications

## CENTREWARE INTERNET SERVICES – Integrated device Web page

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

## WorkCentre/WorkCentre Pro Scan Specifications

## SCANNING

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

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## WorkCentre/WorkCentre Pro Scan Specifications

## SCANNING (Continued)

<b>Maximum Scan Area</b>	A3/297 x 420 mm
<b>File Formats</b>	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) Linearised PDF**

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

<b>Capability</b>	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)
<b>Network Protocol</b>	SMTP MIME encoded
<b>Scan Features</b>	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)

<b>Capability</b>	<ul style="list-style-type: none"> <li>• Enables device-specific network scan workflows (destination templates) to be easily created and edited via CentreWare Internet Services</li> <li>• Scan to Home displays one template and populates with the user's directory path after authentication **</li> <li>• Scan to file</li> <li>• Scan to network server / directory</li> <li>• Scan to Mailbox**</li> <li>• Scan to Windows XP client via Windows Image Acquisition (WIA) or TWAIN driver downloadable from <a href="http://www.xerox.com">www.xerox.com</a></li> </ul>
<b>Network Protocol</b>	Novell (NCP via IPX/SPX) FTP Microsoft SMB via TCP/IP HTTP/HTTPS
<b>Document Management Fields (Metadata)</b>	<p>Features only available in Network Scan to File Templates:</p> <ul style="list-style-type: none"> <li>1-6 user programmable metadata fields per network scan to file templates and unlimited fields within the template</li> <li>- Metadata Fields consists of field name, display at the user interface or not, default value and other configurations</li> </ul> <p>Customised fields viewed on user interface Variable data entered using virtual keyboard at device</p>

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

## WorkCentre/WorkCentre Pro 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 (WorkCentre Pro only)

**FreeFlow Scan to PC** A desktop offering that provides document imaging, archiving, editing and organization tools  
**Desktop Workgroup Edition** ScanSoft PaperPort SE 10 – image viewing and file management software  
**SE V 8.0 (optional)** 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** A desktop offering that provides advanced document imaging, archiving, editing and organization tools.  
**Desktop Workgroup Edition** ScanSoft PaperPort Professional 10 image viewing and file management software  
**Professional V 8.0 (optional)**

- 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 multifunction systems  
Enables transformation, distribution and routing of scanned documents  
Workflow creation via Web browser-based task creation (destinations, devices, document attributes, workflow settings, workflow summary)

- 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:

- Workflow initiation via Paperware (Scan coversheets)
- Server-based Optical Character Recognition (OCR) – File types including searchable PDF
- Searchable PDF
- Scan to Internet fax file destination
- TrueMatch patented search technology

**CopyCentre/WorkCentre/WorkCentre Pro Fax Specifications**

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

<b>Compatibility</b>	ITU (CCITT) Group 3	
<b>Memory</b>	32 MB (One Line) 256 MB (Two Line)	
<b>Speed/Modem(s)</b>	1 or 2 V.34 modems: 33,600bps. Less than 4 seconds per page transmission time, ISDN via third party adapter	
<b>Compression/Speed</b>	MH/MR/MMR/G3/Super G3	
<b>Fax Send Features</b>	Quality/Resolution <ul style="list-style-type: none"> <li>• Original type: Normal, text, half tone, photo, lighter/darker, background suppression</li> <li>• Fax - off Platen, mixed sizes or Bound/Book</li> </ul> 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	
<b>Fax Receive Features</b>	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	
<b>Fax Reports</b>	Activity Dial directory Group directory Options Pending Jobs	
<b>Fax Mailboxes</b>	Up to 100 password-protected Poll Remote mailboxes (up to 255) password-protected	
<b>Auto Dialing Features</b>	Speed Dials <ul style="list-style-type: none"> <li>• 200 (One-line option)</li> <li>• 1,000 (Two-line option)</li> </ul> Group Dials <ul style="list-style-type: none"> <li>• Up to 100 groups with up to 200 recipients per group (One-line option)</li> <li>• Up to 200 groups with up to 400 recipients per group (Two-line option)</li> </ul> Auto redial <ul style="list-style-type: none"> <li>• Up to 14 attempts</li> <li>• Up to 25 min intervals</li> <li>• Batch Send (up to memory capacity)</li> </ul>	
<b>Resolutions</b>	200 x 100 dpi (Standard) 200 x 200 dpi (Fine) 300 x 300 dpi	200 x 400 dpi 400 x 400 dpi 400 x 600 dpi 600 x 600 dpi (Super fine)

## CopyCentre/WorkCentre/WorkCentre Pro 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)

<b>Capability</b>	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	
<b>Maximum Scan Area</b>	A3/297 x 420 mm	
<b>Address Directory Access</b>	Corporate address list via LDAPv3 Downloaded address list (comma-separated file format) Internal LDAP or Public address book	
<b>File Formats</b>	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	
<b>Resolutions</b>	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
<b>Network Protocols</b>	SMTP POP3 (RFC 1939)	
<b>Compliance</b>	ITU-T T.37 complaint	
<b>Features</b>	Signature (system administrator configurable –16 lines each of 128 character max) Delivery Confirmation <ul style="list-style-type: none"> <li>• Email receipt option</li> <li>• Confirmation reply option</li> <li>• Cover sheet option</li> <li>• Subject (248 characters)</li> <li>• User configurable message body</li> </ul>	

### CopyCentre/WorkCentre/WorkCentre Pro Fax Specifications

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

<b>Capability</b>	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).
<b>Maximum Scan Size</b>	A3/297 x 420mm
<b>Network Protocols</b>	Novell (NCP via IPX/SPX) FTP Microsoft SMB via TCP/IP HTTP/HTTPS SMTP
<b>Fax Send Features</b>	One- or two-sided scanning (up to 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)
<b>Fax Print Features</b>	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)
<b>Supported Network Fax Vendors</b>	Multiple vendors, certified by the Xerox Alliance Partner Programme. For details visit <a href="http://www.xerox.com">www.xerox.com</a>

## CopyCentre/WorkCentre/WorkCentre Pro Device Management Specifications

### ACCOUNTING OPTIONS – Internal Auditor

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

### ACCOUNTING OPTIONS – Xerox Standard Accounting (Standard with WorkCentre and WorkCentre Pro)

<b>Tracking</b>	Copy, Print, Fax and Scan usage
<b>Accounting</b>	Up to 2,500 User accounts (User Id) Up to 500 General accounts (Client) Up to 500 Group accounts (Department)
<b>Features</b>	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 – 3rd Party Enablement (Optional with 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 Alliance Partner Programme. For details visit [www.xerox.com](http://www.xerox.com)  
Security enhancements with the addition of HTTPS protocol support  
WorkCentre Pro requests account authentication from third party server enabling larger databases of users and accounts

### SECURITY - See supplemental Security brochure for details

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

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



## CopyCentre/WorkCentre/WorkCentre Pro Device Management Specifications

### SECURITY - See supplemental Security brochure for details

#### Options

##### Disk Image Overwrite

- Immediate, On Demand and Scheduled

##### Xerox Secure Access\*\*

- Enables convenient and secure access to the WorkCentre / WorkCentre Pro with a simple swipe of your existing employee or student identification card (supports HID, Mifare, Legic, Magnetic Strip)
- Allows 2 factor identification with entry of pin or password on the user interface of the WorkCentre / WorkCentre Pro
- Enables card based follow-you print, allowing users to retrieve print jobs at any device configured with Secure Access
- Single-Sign-On for all device features (copy, fax, scan, email) and pre-populates "to" and "from" fields for email and fax

##### Common Criteria Certified Software Level

- Provides the exact certified software level that was certified by the National Information Assurance Partnership (NIAP). This software level does not include the items noted in this document with \*\*

### XEROX EXTENSIBLE INTERFACE PLATFORM™ (EIP)

Xerox EIP is a development platform that allows you, Xerox Alliance Partners and System Integrators to build unique applications that are presented at the WorkCentre Pro 232/238/245/255 user interface. The Xerox EIP is an open standard platform that utilises industry standard development tools enabling applications that are easily developed and customised to meet the needs of any business environment or personalised for each user. These applications will yield simpler user interactions and result in less time interacting with the multifunction system which drives increased worker productivity and systems that easily adapt to your business processes.

## CopyCentre/WorkCentre/WorkCentre Pro 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 (232/238/245 option)  
 CopyCentre, WorkCentre and WorkCentre Pro with DADH, Two Trays and Stand  
 CopyCentre, WorkCentre and WorkCentre Pro with DADH and HCF

*Continued*

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

## CopyCentre/WorkCentre/WorkCentre Pro Machine Specifications

## 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)  
 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  
 Image Overwrite Security  
 Email with LDAP / Authentication and additional memory  
 SecureAccess  
 Common Criteria Certified Software Level

**WorkCentre Pro – same as CopyCentre plus:**

Walkup Fax with LAN Fax

- One line
- Two lines

Image Overwrite Security  
 USB 2.0 / (IEEE1284) Parallel Port Kit  
 FreeFlow Scan to PC Desktop SE and Professional  
 Internet Fax  
 Enablement for Fax/Scan/Accounting Xerox Alliance Partner solutions  
 SecureAccess  
 Common Criteria Certified Software Level

\*Features, configurations and options may vary by location.

## CopyCentre/WorkCentre/WorkCentre Pro Machine Specifications

## ELECTRICAL REQUIREMENTS

220-240 Volt Nominal, 50 Hz, 10A

Note: Convenience Stapler requires separate 220V 1.2A circuit

POWER CONSUMPTION <sup>1</sup>	232/238 CopyCentre	232/238 WorkCentre/WorkCentre Pro	245/255 CopyCentre	245/255 WorkCentre/WorkCentre Pro
<b>Running</b>	≤ 1080 watts	≤ 1130 watts	≤ 1180 watts	≤ 1230 watts
<b>Standby</b>	≤ 220 watts	≤ 260 watts	≤ 240 watts	≤ 290 watts
<b>Low Power Mode</b>	≤ 90 watts	≤ 120 watts	≤ 100 watts	≤ 125 watts
<b>Auto Off / Sleep mode</b>	≤ 5 watts	≤ 9 watts	≤ 5 watts	≤ 9 watts
<b>Warm up to Copy</b>	≤ 28 seconds	≤ 28 seconds	≤ 28 seconds	≤ 28 seconds
<b>Ready to Print</b>	NA	≤ 130 seconds	NA	≤ 130 seconds
<b>Low Power Recovery</b>	≤ 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 <sup>3</sup>	Weight <sup>2</sup>
<b>Configuration With Offset Catch Tray (OCT)</b>	955 mm	650 mm	1,460 mm	Platen/HCF/OCT 100 kg DADH/HCF/OCT 119 kg
<b>With Basic Office Finisher (BOF)</b>	1,214 mm	650 mm	1,460 mm	Platen/HCF/BOF 123 kg DADH/HCF/BOF 142 kg
<b>With Office Finisher (OF)</b>	1,214 mm	650 mm	1,460 mm	Platen/HCF/OF 128 kg DADH/HCF/OF 147 kg
<b>With Professional Finisher (PF)</b>	1,420 mm	650 mm	1,460 mm	Platen/HCF/PF 176 kg DADH/HCF/PF 195 kg
DIMENSIONS AND WEIGHTS (WorkCentre / WorkCentre Pro)	Width	Depth	Height <sup>3</sup>	Weight <sup>2</sup>
<b>Configuration With Offset Catch Tray</b>	1,240 mm	830 mm	1,460 mm	DADH/HCF/OCT 126 kg
<b>With Basic Office Finisher</b>	1,499 mm	830 mm	1,460 mm	DADH/HCF/BOF 149 kg
<b>With Office Finisher</b>	1,499 mm	830 mm	1,460 mm	DADH/HCF/OF 154 kg
<b>With Professional Finisher</b>	1,705 mm	830 mm	1,460 mm	DADH/HCF/PF 202 kg

<sup>1</sup> With Office Finisher<sup>2</sup> Weights do not include Rear Wall (1.72 kg) or Shelf (1.36 kg).<sup>3</sup> Height with DADH raised

**CopyCentre/WorkCentre/WorkCentre Pro Machine Specifications**

SPACE REQUIREMENTS (Fixed)	Width	Depth	Height
<i>Configuration With Offset Catch Tray</i>	2,955 mm	CopyCentre 2,650mm WorkCentre/ WorkCentre Pro 2,710mm	1,981 mm
<i>With Basic Office Finisher</i>	3,214 mm	CopyCentre 2,650mm WorkCentre/ WorkCentre Pro 2,710mm	1,981 mm
<i>With Office Finisher</i>	3,214 mm	CopyCentre 2,650mm WorkCentre/ WorkCentre Pro 2,710mm	1,981 mm
<i>With Professional Finisher</i>	3,420 mm	CopyCentre 2,650mm WorkCentre/ WorkCentre Pro 2,710mm	1,981 mm
SPACE REQUIREMENTS (Moveable)	Width	Depth	Height
<i>Configuration With OCT</i>	1,955 mm	CopyCentre 1,650mm WorkCentre/ WorkCentre Pro 1,710mm	1,981 mm
<i>With Basic Office Finisher</i>	2,214 mm	CopyCentre 1,650mm WorkCentre/ WorkCentre Pro 1,710mm	1,981 mm
<i>With Office Finisher</i>	2,214 mm	CopyCentre 1,650mm WorkCentre/ WorkCentre Pro 1,710mm	1,981 mm
<i>With Professional Finisher</i>	2,420 mm	CopyCentre 1,650mm WorkCentre/ WorkCentre Pro 1,710mm	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

## CopyCentre/WorkCentre/WorkCentre Pro Machine Specifications

SMart Kits	Description	Order Number	No. per Box	Expected Yield
	Fuser Module (includes ozone filter)	109R00751	1	350,000
	Xerographic Module- Metered (232/238)	113R00608	1	200,000
	Xerographic Module - Metered (245/255)	113R00672	1	400,000
	Xerographic Module - Sold (232/238)	113R00607	1	200,000
	Xerographic Module - Sold (245/255)	113R00673	1	400,000
	Document Handler Feeder Rolls	113R00686	1	150,000 feeds

