

### Detailed Specifications



WorkCentre M165 shown with Duplex Automatic Document Feeder, High-Capacity Feeder and Offsetting Catch Tray option.



WorkCentre M165 shown with Duplex Automatic Document Feeder, High-Capacity Feeder and Office Finisher option.



WorkCentre M175 shown with Duplex Automatic Document Feeder, High-Capacity Feeder and Advanced Office Finisher option.



WorkCentre M175 shown with Duplex Automatic Document Feeder, High-Capacity Feeder and Professional Finisher option.

	WorkCentre® M165	WorkCentre® M175
<b>OUTPUT SPEED – printing and copying</b>		
	65 images per minute (ipm) A4 (210 x 297 mm)	75 images per minute (ipm) A4 (210 x 297 mm)
	49 ipm B4 (250 x 353 mm)	49 ipm B4 (250 x 353 mm)
	42 ipm A3 (297 x 420 mm)	42 ipm A3 (297 x 420 mm)
<b>FIRST-IMAGE-OUT TIME – letter size, from platen to offsetting catch tray</b>		
	2.9 seconds	2.9 seconds
<b>WorkCentre® M165/M175</b>		
<b>NETWORK PRINTING – Smart Network Controller</b>		
<b>Processor</b>	Intel® Celeron® 433 MHz	
<b>Memory</b>	64 MB RAM	
<b>System Disk</b>	Minimum 9.1 GB	
<b>Printer Languages (auto switching)</b>	PCL® 6 (PCL 5e) emulation	
<b>NETWORK PRINTING – resolution, printing via CentreWare® software</b>		
	PCL emulation: 600 x 600 dpi (standard)	

## WorkCentre® M165/M175

**NETWORK PRINTING – printing features**

Edge-to-edge printing  
 Booklet creation  
 Cover selection  
 Paper selection by attribute  
 Multi-up  
 Stapling (single/dual/multi-position)  
 Saddle Stitch Booklet Making (with Professional Finisher)  
 Output tray selection  
 Watermark  
 Fit to new paper size  
 Transparency interleave  
 Banner sheet enable/disable  
 Hole punching  
 Image quality  
 Store and recall driver settings

**PRINT PROTOCOLS AND NETWORKS**

<b><i>Physical</i></b>	Ethernet 100BaseT/10BaseT, 10Base2, 10Base5 via adapter Wireless ethernet (IEEE 802.11b) via third-party adapters
<b><i>Operating Systems</i></b>	Microsoft® Windows® 95, 98, Millennium® (Me), NT® 4.0, 2000, XP®, Windows Server 2003 Citrix Novell® NetWare® 4.x, 5.x, 6
<b><i>Network Protocols</i></b>	TCP/IP: Internet Printing Protocol, LPR/LPD, Raw Socket Printing/Port 9100, NetBIOS, HTTP Netware: Bindery and NDS IPX/SPX, NDPS®/NEPS (with Server Gateway) Microsoft Windows Networking over IP and NetBEUI

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## WorkCentre® M165/M175

PRINT PROTOCOLS AND NETWORKS *Continued*

<b>Administration Protocols</b>	DHCP, BOOTP, SNMP, WINS, DDNS, SLP® v2, HTTP, RARP, DHCP Autonet		
<b>Fonts</b>	PCL: 80 scalable fonts, line printer and bitmap format line printer fonts Font management utility for downloading additional fonts		
	<b>Environment</b>	<b>PCL5e</b>	<b>PCL 6</b>
<b>Print Drivers</b>	Windows 95/98/Me	Bidirectional enhanced*	Bidirectional enhanced*
	Windows NT 4.0	Bidirectional with user-selectable interface (standard** and enhanced)	Bidirectional enhanced
	Windows 2000/XP, Windows Server 2003 (Microsoft Certified)	Bidirectional with user-selectable interface (standard and enhanced)	Bidirectional with user-selectable interface (standard and enhanced)
	Macintosh® System 8.x, 9.x, OS X	N/A	N/A

## CENTREWARE® INTERNET SERVICES – integrated device web page

<b>Device Status</b>	Web server embedded on SMart network controller – Tray status/contents – Consumables status
<b>Print Queue Viewing</b>	Complete job print queue management—hold, release, promote and delete
<b>Job Submission</b>	Print-ready files PCL Output feature selection
<b>Device Administration</b>	Allows simple, remote installation setting of configuration options and management of the device
<b>Browsers</b>	Windows XP, 2000/NT 4.0/Me/98/95: Netscape Navigator® 4.x and above, Microsoft Internet Explorer 4.x and above Netscape Navigator 6.x Linux: Netscape® 6.x

\*Enhanced: Xerox custom graphical user interface.

\*\*Standard: Driver based on Microsoft tree-structure user interface (includes Xerox features and functionality).

## WorkCentre® M165/M175

## COPYING

<b>Document Scanner</b>	Duplex Automatic Document Feeder with 75-sheet capacity
<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 dpi x 8 bit input/4800 x 1200 dpi output
<b>Concurrency</b>	Concurrent scanning and printing
<b>Digital Imaging</b>	<ul style="list-style-type: none"> <li>AutoIQ automatic digital image quality control</li> <li>Auto rotation 180° or 270° when needed</li> <li>Image shift</li> <li>Edge erase</li> <li>Edge-to-edge copying</li> <li>Auto centering</li> <li>Original type selection (normal, text, halftone, photo)</li> <li>Lighter/darker</li> <li>Background suppression</li> <li>Contrast</li> <li>Sharpness</li> <li>Screening</li> </ul>
<b>Copy Pre-collation Memory</b>	256 MB, expandable to 512 MB
<b>Reduction/Enlargement</b>	<ul style="list-style-type: none"> <li>Variable zoom from 25% to 400% in 1% increments</li> <li>Anamorphic zoom</li> <li>Six user-programmable percentages</li> </ul>

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## WorkCentre® M165/M175

**COPYING** *Continued***Special Features**

Auto paper select  
 Auto reduction/enlargement to fit selected paper size  
 Auto registration  
 Auto tray switching  
 Automatic job recovery  
 Booklet creation  
 N-up (up to six columns by six rows)  
 Transparency dividers (blank or printed)  
 Negative image  
 Mirror image  
 Covers insertion (front only, front and back, back only; blank or printed)  
 Build Job (enables special programming for different pages in one document.  
     Can be used for inserts, mixing input from the document glass and document feeder)  
 Page programming of tabs or paper inserts  
 Store and recall job programming  
 Job interrupt  
 Bound document copying (produce multiple sets from stored job segments)  
 Sample set  
 Mixed-size originals  
 Context-sensitive help screens  
 Multi-position stapling with optional finishers  
 Saddle-stitch booklet making with optional Professional Finisher

**Foreign Device Interface  
(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  
(copier function only)**

PC interface for upload/download of internal auditron data and customer device administration/software upgrade

**Accessibility Option**

Xerox Copier Assistant™ 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.

**DEVICE MANAGEMENT****Management Support**

SNMP Version 1 and SNMP Version 2c trap over TCP/IP and IPX  
 MIB access (IETF-MIB II RFC 1213), host resources  
 MIB RFC 2790, Printer MIB RFC v. 2

**Xerox CentreWare  
Intranet 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 or 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) and Internet Explorer 5.01 or higher

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## WorkCentre® M165/M175

DEVICE MANAGEMENT *Continued*

<b>Novell NDPS/NEPS</b> (gateway for WorkCentre)	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 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 multifunction systems in the general discovery performed by Tivoli NetView.
<b>Xerox CentreWare® MC for Microsoft Management Console (MMC)</b>	CentreWare MC Snap-in supports printer discovery and management.
<b>Xerox CentreWare® for HP® OpenView®</b>	Provides for the identification of Xerox N-Series printers and WorkCentre multifunction systems in the general discovery performed by OpenView. Provides traps and message updates to the OpenView alarm browser and the ability to launch CentreWare Internet Services for device management directly from OpenView.
<b>Xerox Plug and Print 2000</b>	Plug and Print 2000 (PnP2000) is an administrative service programme that simplifies enterprise-wide printer installs and relocations for Windows 2000 environments. The product discovers devices, automatically installs systems, enables sharing printers to users and provides install reports - all through a user-friendly interface.
<b>Xerox Device Types for SAP R/3 Environment</b>	Simplifies printing in SAP R/3 environments by providing users of SAP R/3 v4.6C, 4.x and 3.x ERP applications with enhanced WorkCentre printing functionality. (PostScript and PCL): -One- or two-sided printing -Finishing – single or dual stapling -Tray pull location from any tray -Print security via PIN ID capability at the WorkCentre

## PAPER HANDLING – Duplex Automatic Document Feeder

<b>Capacity*</b>	75 sheets
<b>Speed</b>	75 ipm – A4/210 x 297 mm long edge feed (LEF)
<b>Paper Sizes Sensed</b>	A5/148 x 210 mm/long edge feed (LEF) or short edge feed (SEF) A4/210 x 297 mm (LEF or SEF) Legal/216 x 356 mm (SEF) A3/297 x 420 mm (SEF)
<b>Weights</b>	50 to 120 gsm

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

## WorkCentre® M165/M175

**PAPER HANDLING – Front-Loading Paper Trays**

<b>Number</b>	Two
<b>Capacity*</b>	550 sheets each
<b>Sizes</b>	User adjustable from A5/148 x 210 mm to A3/297x 420 mm
<b>Weights</b>	60 to 200 gsm
<b>Types</b>	Letterhead Bond Preprinted forms Plain Tab stock Hole-punched Heavyweight Recycled paper

**PAPER HANDLING – Bypass Tray**

<b>Capacity*</b>	100 sheets
<b>Sizes</b>	A6/105 x 148 mm to A3/297 x 420 mm
<b>Weights</b>	60 to 216 gsm
<b>Types</b>	Letterhead Bond Preprinted forms Plain Tab stock Hole-punched Heavyweight Recycled paper Label stock Transparencies

**PAPER HANDLING – High-Capacity Feeder**

<b>Capacity*</b>	Two trays: 1,600 and 2,000 sheets
<b>Paper Size</b>	A4/210 x 297 mm LEF
<b>Weights</b>	60 to 200 gsm
<b>Total Capacity*</b>	4,800 sheets (with Bypass Tray, Front-Loading Paper Trays and High Capacity Feeder)

**OUTPUT OPTION – Offsetting Catch Tray Option**

<b>Capacity*</b>	300 sheets (A4/210 x 297 mm LEF)
<b>Sizes</b>	A6/105 x 148 mm to A3/297 x 420 mm

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

## WorkCentre® M165/M175

**OUTPUT OPTION – Office Finisher Option**

<b>Top Tray</b>	Capacity:* 250 sheets
<b>Stacking Tray</b>	Capacity:* 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>	Single (any corner) and dual Auto stapling (50 sheets maximum) Offline stapling (40 sheets maximum) A5, A4, A3, statement, letter, legal, tabloid sizes supported
<b>Hole Punching (optional)</b>	Optional two-hole punch Optional three-hole punch Optional four-hole punch Optional “Swedish” four-hole punch

**OUTPUT OPTION – Advanced Office Finisher Option**

<b>Top Tray</b>	Capacity:* 250 sheets
<b>Stacking Trays</b>	Capacity:* 3,000 sheets (2 x 1,500)
<b>Sizes</b>	A6/105 x 148 mm to A3/297 x 420 mm
<b>Weights</b>	60 to 216 gsm
<b>Stapling</b>	Front, rear, dual, SEF and 4-stitch Auto Stapling (50 sheet maximum) Offline stapling (50 sheets maximum) A5, A4, A3, statement, letter, legal, tabloid sizes supported
<b>Hole Punching</b>	Optional three-hole punch Standard two-hole punch Optional four-hole punch Optional “Swedish” four-hole punch

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

## WorkCentre® M165/M175

**OUTPUT OPTION – Professional Finisher Option**

<b>Top Tray</b>	Capacity:* 250 sheets
<b>Stacking Tray</b>	Capacity:* 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>	Front, Rear, dual, SEF and 4-stitch Auto stapling (50 sheets maximum) Offline stapling (50 sheets maximum) A5, A4, A3, statement, letter, legal, tabloid sizes supported
<b>Booklet Maker</b>	Capacity*: Tray stop up, 30 booklets (one to five sheets per booklet); tray stop down, unlimited Sizes: A4/210 x 297 mm, 216 x 356 mm, A3/297 x 420 mm Weights: 60 to 200 gsm Saddle-Stitch Capacity*: 2 to 15 sheets (8 to 60 page booklet) V-Fold Capacity* 1 to 5 sheets (unstapled)
<b>Hole Punching</b>	Optional three-hole punch Standard two-hole punch Optional four-hole punch Optional “Swedish” four-hole punch
<b>FAX (optional)</b>	
<b>Compatibility</b>	ITU (CCITT) Group 3 quality/resolution of 600 x 600, 400 x 400, 300 x 300, 200 x 200, 200 x 100 dpi
<b>Speed/Modem (s)</b>	One or two V.34 modems: 33,600 bps. Less than four 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>	Auto fax transmission reduction Page-by-page job status at the machine Fax from platen Delay start Automatic memory resend Automatic cover sheets Priority send Broadcast
<b>Fax Receive Features</b>	One- or two-sided printing, stapled or unstapled Reduction at reception to fit available paper Junk fax prevention
<b>Fax Reports</b>	Activity report Broadcasting/Multipoll Dial directory Transmission confirmation Pending fax Mailbox

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

WorkCentre® M165/M175

**FAX (optional) *Continued***

<b>Fax Receive Mailboxes</b>	Up to 200 password-protected mailboxes
<b>Auto Dialing</b>	Total of 200 speed dials (single-line option) or 1,000 speed dials (dual-line option) Up to 100 dial groups with up to 200 recipients per group (single-line option) Up to 200 dial groups with up to 400 recipients per group (dual-line option) Auto redial Batch send

**ACCOUNTING**

<b>Internal Auditor</b>	Tracks copy usage Supports up to 2,150 user accounts, 5,925 general accounts and 256 group accounts Auditor report printout Ability to upload/download account and usage data via direct connection using Windows-based software.
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WorkCentre® M165

WorkCentre® M175

**MONTHLY DUTY CYCLE**

Up to 250,000

Up to 300,000

WorkCentre® M165/M175

**BASIC CONFIGURATIONS\***

Network Copier-Printer with network controller, Duplex Automatic Document Feeder, and High-Capacity Feeder

**ACCESSORY OPTIONS**

- One-line fax option
- Two-line fax option
- Offsetting Catch Tray
- Office Finisher
- Advanced Office Finisher
- Professional Finisher
- Foreign Device Interface
- Three-hole punch option
- Two-hole punch option
- Four-hole punch option
- “Swedish” four-hole punch option
- Copy Pre-collation RAM Upgrade (256 MB)
- Image Overwrite Security
- Xerox Copier Assistant

**ELECTRICAL REQUIREMENTS**

220–240 Volt Nominal, 50 Hz, 10A

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

	WorkCentre® M165	WorkCentre® M175
<b>POWER CONSUMPTION</b>		
<i>Running</i>	≤ 1,720 watts <sup>1</sup>	≤ 1,720 watts <sup>1</sup>
<i>Standby</i>	≤ 350 watts <sup>2</sup>	≤ 350 watts <sup>2</sup>
<i>Lower Power Mode</i>	≤ 245 watts	≤ 275 watts
<i>Sleep Mode</i>	≤ 95 watts	≤ 95 watts
<i>Warm-up</i>		
<i>Ready to Copy</i>	≤ 72 seconds <sup>3</sup>	≤ 72 seconds <sup>3</sup>
<i>Ready to Print</i>	≤ 165 seconds	≤ 165 seconds

WorkCentre® M165/M175

<b>ENVIRONMENTAL CONSIDERATIONS</b>	
<i>Required Temperature Range</i>	10° to 32° C
<i>Required Relative Humidity</i>	10% to 85%

<b>DIMENSIONS AND WEIGHTS</b>	<i>Width</i>	<i>Depth</i>	<i>Height</i>	<i>Weight</i>
<i>Configured with OCT (M165 only)</i>	1,297 mm	890 mm	1,230 mm	134 kg
<i>Configured with Office Finisher</i>	1,556 mm	890 mm	1,230 mm	162 kg
<i>Configured with Advanced Office Finisher</i>	1,697 mm	890 mm	1,230 mm	210 kg
<i>Configured with Professional Finisher</i>	1,762 mm	890 mm	1,230 mm	210 kg

<b>SPACE REQUIREMENTS (Moveable)</b>	<i>Width</i>	<i>Depth</i>	<i>Height</i>
<i>Configured with OCT (M165 only)</i>	2,007 mm	1,930 mm	1,981 mm
<i>Configured with Office Finisher</i>	2,257 mm	1,930 mm	1,981 mm
<i>Configured with Advanced Office Finisher</i>	2,402 mm	1,930 mm	1,981 mm
<i>Configured with Professional Finisher</i>	2,457 mm	1,930 mm	1,981 mm

<b>CERTIFICATIONS</b>	
	FCC Class A Compliant (U.S.), 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)
	Novell® Tested and Approved
	Designed for Microsoft Windows Certified
	99/5/EEC (Europe)

<sup>1</sup> ≤ 1,789 watts with Office Finisher  
<sup>1</sup> ≤ 1,920 watts with Advanced Office Finisher or Professional Finisher  
<sup>2</sup> ≤ 360 watts with Office Finisher  
<sup>2</sup> ≤ 370 watts with Advanced Office Finisher or Professional Finisher  
<sup>3</sup> ≤ 82 seconds with Fax enabled

WorkCentre® M165/M175

SUPPLIES

<i>Description</i>	<i>Order Number</i>	<i>No. per Box</i>	<i>Expected Yield</i>
Toner Cartridge	6R1146	2	45,000 per cartridge @ 6% area coverage
Staple Cartridge (for 50-sheet stapling)	108R493	3	5,000 per cartridge
Staple Cartridge for Booklet Maker Saddle stitch stapling (15 sheet max.)	8R12897	8 (4 x 2)	2,000 per cartridge

