



Colour

Detailed Specifications



WorkCentre Pro 32 Colour.



WorkCentre Pro 40 Colour shown with High-Capacity Feeder and Office Finisher Options.

	WorkCentre® Pro 32 Colour Advanced Multifunction System		WorkCentre® Pro 40 Colour Advanced Multifunction System	
OUTPUT SPEED – printing and copying				
	Black and white	Colour	Black and white	Colour
	32 images per minute (ipm) A4	16 ipm A4	40 ipm A4	22 ipm A4
	20 ipm B4	11 ipm B4	24 ipm B4	13 ipm B4
	17 ipm A3	9 ipm A3	20 ipm A3	11 ipm A3
	WorkCentre® Pro 32 Colour/40 Colour			
NETWORK PRINTING – Smart Network Controller				
Processor	Intel® Celeron® 733 MHZ			
Memory	128 MB RAM (256 MB max)			
System Disk	18 GB minimum			
Printer Languages (auto switching)	PostScript® 3 emulation TIFF PCL® 5c emulation PDF LCDS, SCS, XES and IPDS through third-party transforms			
NETWORK PRINTING – resolution, printing via CentreWare® software				
	PostScript emulation: 600 x 600 dpi: 1200 x 1200 dpi PCL emulation: 600 x 600 dpi			





WorkCentre® Pro 32/40 Colour Advanced Multifunction Systems

NETWORK PRINTING – printing features*

Secure print
 Delay print (specific time)
 Sample set
 Booklet creation
 Cover selection
 Paper selection by attribute
 N-up
 Output tray selection
 Watermark
 Fit to new paper size
 Transparency interleave
 Banner sheet enable/disable
 Image quality
 Store and recall driver settings

PRINT PROTOCOLS AND NETWORKS

Physical

Ethernet 100BaseT/10BaseT, 10Base2, 10Base5 via adapter
 USB printer port (optional)
 Wireless Ethernet (IEEE 802.11b) via third-party adapters

Operating Systems

Microsoft® Windows® 95, 98, Me® (Millennium), NT® 4.0, 2000, XP®
 Novell® NetWare® 4.x, 5.x, 6
 Mac OS® 8.x, 9.x, OS X
 Solaris® 2.5.1, 2.6 and higher
 HP-UX® 10.2, 11.x
 IBM AIX® 4.2 and higher
 Linux® Intel®
 – Red Hat®
 – Caldera®
 – Mandrake™ (LPRNG printing infrastructure)
 – Corel® (i386)
 – TurboLinux® (i386)
 – SuSE® (i386)
 Linux Power PC®
 – TurboLinux Server 6.0.2

Network Protocols

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)
 AppleTalk®: EtherTalk®
 Microsoft Windows Networking over IP and NetBEUI

*Note: Not all features are available in every driver.



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PRINT PROTOCOLS AND NETWORKS

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

Fonts PostScript 3: 136 PostScript standard fonts
PCL: 80 scalable fonts, line printer and bitmap format line printer fonts
Font Management Utility for downloading additional fonts

Print Drivers	Environment	PCL5c	PostScript
	Windows 95/98/Me	Bidirectional (enhanced*)	Bidirectional (enhanced*)
	Windows NT 4.0	Bidirectional with user-selectable interface (standard** and enhanced)	Bidirectional with user-selectable interface (standard** and enhanced)
	Windows 2000/XP (WHQL 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	Generic PPD
	Macintosh® System 9.x	N/A	Bidirectional via AppleTalk

Print Submission Tools	Environment	PostScript	PCL
	Solaris 2.5.1, 2.6 and higher; IBM AIX 4.2 and higher; LPRNG printing infrastructure; Linux Intel and Linux Power PC	Submission Tool with full feature set (includes administration, GUI/TTY print driver and software installation)	Submission Tool only
	TIFF/PDF: Supported in Windows 95/98/Me/NT 4.0/2000/XP	Submission Tool for any TIFF or PDF file	

*Enhanced: Xerox custom graphical user interface.

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



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CENTREWARE® INTERNET SERVICES – integrated device Web page

Device Status	Web server embedded on SMart network controller – Tray status/contents – Consumables status
Print Queue Viewing	Complete job print queue management – hold, release, promote and delete
Job Submission	Print-ready files (PS, PCL, TIFF, PDF) Output feature selection
Device Administration	Allows simple, remote installation setting of configuration options and management of the device
Browsers	Windows XP, 2000/NT 4.0/Me/98/95: Netscape Navigator® 6.x, Microsoft Internet Explorer 5.x/6.x Macintosh 9.x/OS X: Netscape Navigator 6.x Linux: Netscape® Navigator 6.x

NETWORK SCANNING (optional*)

Capability	Colour Scanning, Black and White Scanning
Concurrency	Scan while the system is printing copy or network print jobs, or while it is transferring scan to network or fax jobs
Input Speed	Scan at rated speed (32 ipm black and white/22 ipm colour) (A4 long edge feed [LEF])
Resolutions	600 x 600 dpi 400 x 400 dpi 300 x 300 dpi 200 x 200 dpi Bit depth: 1 bit (black and white), 8 bit (greyscale), 24 bit (colour)
Maximum Scan Area	297 x 432 mm
Authentication	Optional secure device login with network user name and password Supports Kerberos (Windows 2000/UNIX), SMB (Windows NT 4.0/Windows 2000), and Novell NetWare 4.x/5.x/6.x Optional PIN-based guest login
Network Protocol	Novell (NCP via IPX/SPX) FTP via TCP/IP Microsoft SMB
File Formats	TIFF 6.0 with G3 MH, G4 MMR, or JPEG compression (single page or multiple pages) PDF with G3 MH, G4 MMR, JPEG or MRC compression JFIF with JPEG compression
Document Management Fields	One to six user-programmable metadata fields per scan job Customised fields viewed on user interface Variable data entered using virtual keyboard

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*Also available as standard on some configurations.



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NETWORK SCANNING (optional) *Continued*

Scan Destinations	Scan to network server Scan to remote e-mail destinations via direct SMTP addresses Scan to e-mail via optional CentreWare® Scanning Services using MAPI 32-bit compliant e-mail client Scan to application (workflow, Electronic Document Management System) Scan to Microsoft Exchange Public Folders Scan to PC Desktop™ (Standard and Deluxe editions) Scan to Windows XP Client via WIA (Windows Image Acquisition)
Network Scanning With E-Mail	Scan to network directory Scan to e-mail distribution Scan to Xerox or third-party applications Scan to Windows XP Client (requires WIA driver, downloadable from www.xerox.com/office)
Scanning Software Options	Scan to PC Desktop Standard – everything in Network Scanning With E-Mail, plus: – Xerox CentreWare® Scanning Services (template-based scanning to desktops or e-mail for repetitive tasks) – ScanSoft® PaperPort® SE 1.0 – image viewing and file management software – ScanSoft OmniPage® SE 1.0 – OCR and file format conversion software Scan to PC Desktop Deluxe – everything in Network Scanning With E-Mail, plus: – Xerox CentreWare® Scanning Services (template-based scanning to desktops or e-mail for repetitive tasks) – ScanSoft PaperPort Deluxe 8.0 – advanced image viewing and file management/sharing software – ScanSoft OmniPage Pro* 11.0 – advanced OCR and file format conversion software
E-MAIL (included with Network Scanning Option)	
Capability	Colour scanning Direct document e-mail from device Manual address entry or directory (Exchange/Notes/LDAP) address searching
Resolutions	600 x 600 dpi 400 x 400 dpi 300 x 300 dpi 200 x 200 dpi Bit Depth: 1 bit (black and white), 8 bit (greyscale), 24 bit (colour)
Maximum Scan Area	297 x 432 mm
Network Protocol	SMTP, MIME encoded
Authentication	Optional secure device login with network user name and password Supports Kerberos (Windows 2000/UNIX), SMB (Windows NT 4.0/Windows 2000), and Novell NetWare 4.x/5.x/6.x Optional PIN-based guest login
Directory Access	Corporate address list via LDAPv3 (Exchange/Notes) Downloaded address list (comma-separated file format)
File Formats	TIFF 6.0 with G3 MH, G4 MMR, or JPEG compression (single page or multiple pages) PDF with G3 MH, G4 MMR, JPEG or MRC compression JFIF with JPEG compression

*Advanced optical character recognition (OCR) software



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COPYING

Document Scanner	Duplex Automatic Document Feeder with 50-sheet capacity
Sides (input:output)	1:1, 1:2, 2:2 and 2:1
Quantity	1 to 9,999
Resolution	600 x 600 dpi
Concurrency	Concurrent scanning and printing
Digital Imaging	AutoIQ automatic digital image quality control Auto rotation 180° or 270° when needed Image shift Edge erase Auto centring Original type selection (photo/text, photo, text, map, inkjet, highlighted) Lighter/darker Background suppression Contrast Sharpness Screening Negative image Mirror image
Copy Pre-collation Memory	256 MB plus 18 GB hard disk drive
Reduction/Enlargement	Variable zoom from 25% to 400% in 1% increments Anamorphic zoom Six user-programmable percentages
Special Features	Auto colour detection 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 Covers insertion (front only, front and back, back only; blank or printed) Build Job (produce multiple sets from stored job segments) Store and recall job programming Job interrupt Bound document copying Sample set Mixed-size originals Context-sensitive help screens

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COPYING *Continued*

Foreign Device Interface (optional)	Interface to third-party access control devices, coin machines and card readers Supports a variety of vending stations available through the Xerox Custom Application Service
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INTERNET FAX (optional)

Capability	Ability to send documents in colour Direct document transmission to remote Internet Fax machines or e-mail clients (SMTP) Reception and automatic printout of documents in colour and black and white sent via e-mail from remote Internet Fax machines or e-mail clients
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Maximum Scan Area	297 x 432 mm
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Authentication	Optional secure device login with network user name and password Supports Kerberos (Windows 2000/UNIX), SMB (Windows NT 4.0/Windows 2000), and Novell NetWare 4.x/5.x/6.x Optional PIN-based guest login
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Address Directory	Corporate address list via LDAPv3
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Access	Downloaded address list (comma-separated file format)
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File Formats	TIFF-FX Profiles S, F with G3 MH, GM MMR, or JPEG compression PDF with G3 MH, G4 MMR, JPEG or MRC compression
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Resolutions	600 x 600 dpi 400 x 400 dpi 300 x 300 dpi 200 x 200 dpi Bit Depth: 1 bit (black and white), 8 bit (greyscale), 24 bit (colour)
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Network Protocols	SMTP POP3 (RFC 1939)
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Compliance	ITU-T T.37 compliant
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NETWORK FAX SERVER INTEGRATION (optional)

Fax Send Features	One- or two-sided scanning Phone number entry Add to send list (50 numbers maximum) Delay send (specific time) Resolution selection (fine, standard) Image quality selection (normal, text, halftone photo, photo, background suppression, seven levels of contrast, seven levels of sharpness)
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NETWORK FAX SERVER INTEGRATION (optional) *Continued*

<i>Fax Print Features</i>	One- or two-sided printing Quantity Staple on/off Collate on/off Finisher output tray selection (top tray or main tray) Secure print on/off
<i>Authentication</i>	Optional secure device login with network user name and password Supports Kerberos (Windows 2000/UNIX), SMB (Windows NT 4.0/Windows 2000), and Novell NetWare 4.x/5.x/6.x Optional PIN-based guest login
<i>Fax Vendors</i>	Multiple vendors, certified by the Xerox Business Partners Program For details, visit www.xerox.com

DEVICE MANAGEMENT

<i>Management Support</i>	SNMP Version 1 and SNMP Version 2c trap MIB access (IETF-MIB II RFC 1213), Host Resources MIB RFC 2790, Printer MIB RFC 1759 v. 2
<i>CentreWare Network Services</i>	Device Discovery wizard (available at www.xerox.com) Device Administration wizard (available at www.xerox.com) Font Management Utility
<i>Xerox CentreWare Web</i>	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 installations, 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
<i>Novell NDPS/NEPS (gateway for WorkCentre Pro)</i>	Server gateway application: Centralised management tool provides streamlined installations via printer agents, automated printer driver installation and downloads, printer and job configuration, configurable event notification
<i>Xerox CentreWare® for Unicenter TNG®</i>	Provides added identification to the general discovery performed by Unicenter TNG and the ability to see the device under a Unicenter TNG Business Process View Provides full integration with event management and the choice to integrate with problem management and advanced Help Desk
<i>Xerox CentreWare® for Tivoli® NetView®</i>	Provides for the identification of Xerox N-Series printers and WorkCentre Pro multifunction devices in the general discovery performed by Tivoli NetView Provides the ability to see the discovered Xerox printers/devices in a Xerox Printers Set in addition to the Printers SmartSet Provides full integration with the NetView and Event Browser and Tivoli Enterprise Console (TEC)

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WorkCentre® Pro 32/40 Colour Advanced Multifunction Systems

DEVICE MANAGEMENT *Continued*

Xerox CentreWare® MC for Microsoft Management Console (MMC)	CentreWare MC Snap-in supports printer discovery and management via a Microsoft Management Console (MMC) link to an embedded Web server in NT and Windows 2000 environments. It is a general-purpose management display framework for hosting administrative tools
Xerox CentreWare® for HP® OpenView®	Provides for the identification of Xerox N-Series printers and WorkCentre Pro multifunction devices in the general discovery performed by HP OpenView Provides the ability to see the current status of discovered Xerox printers/devices under a Xerox PrinterMap and IP Map via colour-coded icons Provides traps and message updates to the OpenView alarm browser and the ability to launch CentreWare Internet Services for device management directly from OpenView
Xerox Plug and Print 2000	Plug and Print 2000 (PnP2000) is an administrative service program that simplifies enterprise-wide printer installs and relocations for Windows 2000 environments. The product discovers devices, automatically installs devices, enables sharing printers to users, and provides install reports – all through a user-friendly interface
Xerox Device Types for SAP R/3 Environment	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 Pro printing functionality (PostScript and PCL): – Simplex or duplex printing – Finishing – single or dual stapling – Tray pull location from any tray – Print security via PIN ID capability at the WorkCentre Pro
Xerox SAP R/3 Intelligent Barcode Utility	Provides built-in process intelligence that allows the printing of barcodes on any appropriately configured PostScript printer on the SAP R/3 4.x (or higher) network. Used in conjunction with Xerox Device Types for SAP R/3 Environment and Xerox Font Center Barcode Fonts. Utility automatically calculates checksum, placement of start/stop characters, and encoding of data string

PAPER HANDLING – Duplex Automatic Document Feeder

Capacity*	50 sheets
Speed	32 ipm A4 long edge feed (LEF)
Paper Sizes Sensed	A5 long edge feed (LEF) or short edge feed (SEF) A4 LEF or SEF B4 SEF A3 SEF B5 SEF
Weights	50 to 120 gsm

*Paper capacities are based on 20 lb/75 gsm stock; capacities will vary with different weight stocks.



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PAPER HANDLING – Bypass Tray

Capacity*	100 sheets
Sizes	A6 to SRA3
Weights	60 to 220 gsm
Types	Letterhead Bond Preprinted forms Hole-punched Recycled paper Transparencies Custom (user defined) Lightweight Heavyweight Envelopes

PAPER HANDLING – Front-Loading Paper Tray (standard)

Tray 1	520 sheets
Sizes	User adjustable from A5 to A3
Weights	64 to 105 gsm
Types	Letterhead Bond Preprinted forms Hole-punched Recycled paper Transparencies Custom (user defined)

*Paper capacities are based on 20 lb/75 gsm stock; capacities will vary with different weight stocks.



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PAPER HANDLING – INPUT TRAY OPTIONS – One Tray with Stand Option

Tray 2	520 sheets
Sizes	User adjustable from A5 to A3
Weights	64 to 105 gsm
Types	Letterhead Bond Preprinted forms Hole-punched Recycled paper Custom (user defined)
Total Capacity	1,140 sheets (Includes Tray 1, Tray 2 and Bypass Tray)

PAPER HANDLING – INPUT TRAY OPTIONS – Three Tray Option (Tray One and Two plus Two-Tray Module)

Tray 2 – Tray 4	520 sheets
Sizes	User adjustable from A5 to A3
Weights	64 to 105 gsm
Types	Letterhead Bond Preprinted forms Hole-punched Recycled paper Custom (user defined)
Total Capacity	2,180 sheets (Includes Tray 1, Tray 2, Trays 3-4 and Bypass Tray)

PAPER HANDLING – INPUT TRAY OPTIONS – High-Capacity Feeder Option

Tray 2	520 sheets
Sizes	User adjustable from A5 to A3
Tray 3 and Tray 4	2,000 sheets
Sizes	B5, A4
Weights	64 to 105 gsm
Types	Letterhead Bond Preprinted forms Hole-punched Recycled paper Custom (user defined)
Total Capacity	3,140 sheets (Includes Tray 1, Tray 2, High-Capacity Feeder and Bypass Tray)



WorkCentre® Pro 32/40 Colour Advanced Multifunction Systems

PAPER HANDLING – Convenience Stapler Option

Capacity* Up to 50 sheets (5,000 staples per cartridge)

OUTPUT – Centre Tray

Stacking Tray 400 sheets (200 sheets with finisher option)

Sizes A6 to SRA3

OUTPUT OPTIONS – Office Finisher (50-sheet stapling)

Stacking Tray 1,000 sheets

Sizes B5 to A3

Weights 60 to 105 gsm

Stapling Single (any corner) and dual
Auto stapling (50 sheets maximum)
A3, A4, B4 and B5 sizes supported

ACCOUNTING

Accounting with Third-Party Server Applications (optional) Up-to-the-minute data on how the WorkCentre Pro system is being used; comprehensive usage tracking and reporting; print, scan, copy and fax
Multiple accounting vendors, certified by the Xerox Business Partner Program. For details, visit www.xerox.com

Internal Auditron Tracks and limits black and colour copy usage; supports up to 2,000 user accounts or 300 general accounts
Auditron report printout
Note: Option to upload/download account and usage data via direct connection using Microsoft® Windows-based software.

WorkCentre® Pro 32 Colour/40 Colour

BASIC CONFIGURATIONS**

Network Multifunction System with network controller, stand, Duplex Automatic Document Feeder, two paper trays and centre output tray

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

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



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ACCESSORY OPTIONS

128 MB Network Controller Memory
 Office Finisher (50-sheet stapling)
 Foreign Device Interface
 Network Accounting Enablement
 Network Scanning With E-Mail**
 Network Server/Internet Fax
 Image Overwrite Security
 Scan to PC Desktop Client Software (Standard or Deluxe)
 USB Port Printing
 Convenience Stapler

ELECTRICAL REQUIREMENTS

220–240 V Nominal, 50 Hz, 10A

	WorkCentre® Pro 32 Colour	WorkCentre® Pro 40 Colour
POWER CONSUMPTION		
<i>Running</i>	< 672 watts	< 672 watts
<i>Standby</i>	< 240 watts	< 240 watts
<i>Low-Power Mode</i>	< 173 watts	< 204 watts
<i>Sleep Mode</i>	< 80 watts	< 80 watts
<i>Warm-up</i>	3 minutes (maximum)	3 minutes (maximum)
<i>Low-Power Recovery</i>	30 seconds (maximum)	30 seconds (maximum)

WorkCentre® Pro 32 Colour/40 Colour

ENVIRONMENTAL CONSIDERATIONS

<i>Required Temperature Range</i>	10° to 32° C
<i>Required Relative Humidity</i>	10% to 85%
<i>Heat Emission</i>	2,285 BTU/Hr running 720 BTU/Hr standby
<i>Noise Emission</i>	35.1 dB(A) standby 55.2 dB(A) running 59.4 dB(A) impulse

** Also available as standard on some configurations.

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Eire
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DIMENSIONS AND WEIGHT

	<i>Width</i>	<i>Depth</i>	<i>Height</i>	<i>Weight</i>
<i>Fully Configured</i>	1,346 mm	636 mm	1,116 mm	274 kg

SPACE REQUIREMENTS

	<i>Width</i>	<i>Depth</i>	<i>Height</i>
<i>Basic Configuration Without Finisher</i>	1,461 mm	1,755 mm	1,600 mm
<i>Basic Configuration With Finisher</i>	1,908 mm	1,755 mm	1,600 mm

CERTIFICATIONS

89/336/EEC
UL Listed (UL 1950, Third Edition)
CB Certified (IEC 60950/EN 60950)
73/23/EEC
WHQL
Novell NetWare

SUPPLIES

<i>Description</i>	<i>Order Number</i>	<i>No. per Box</i>
Black Toner	6R1122	1
Cyan Toner	6R1123	1
Magenta Toner	6R1124	1
Yellow Toner	6R1125	1
Drum Cartridge	13R579	1
Fuser Cartridge	8R1295	1
Waste Toner Container	8R12903	1
Staples (convenience stapler)	8R7644	4



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