

Ricoh 480W
Wide Format Digital Imaging System
New Technology for a New Era
of Wide Format Documentation

RICOH

easy



wide



print



Ricoh 480W

Improving wide format document reproduction and distribution is just the beginning...

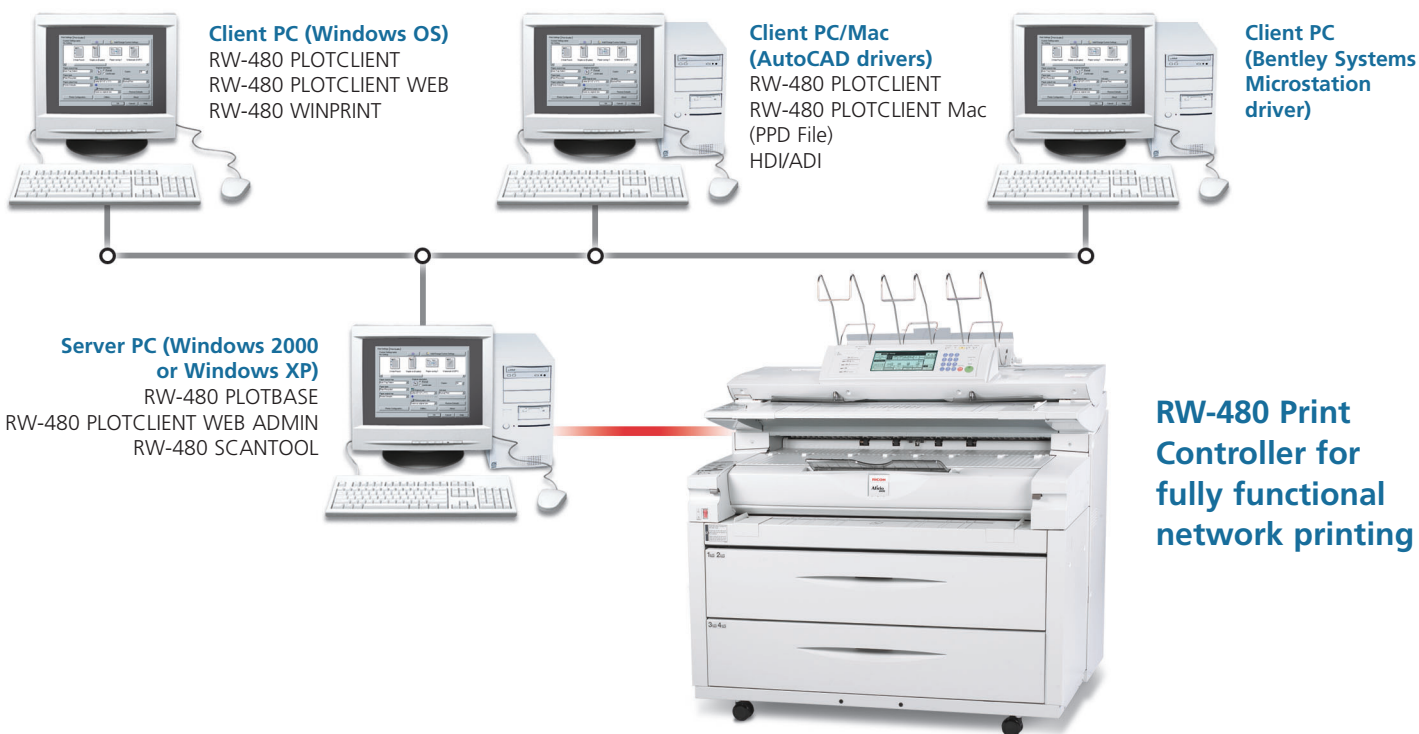
It's time for a new way of generating wide format documents. A solution that reduces your costs, improves your productivity and boosts your responsiveness—and doesn't rely on outside vendors or require traditional, centralized imaging systems.

Introducing the Ricoh 480W Wide Format Digital Imaging System. Its small footprint delivers the cutting-edge performance you've come to expect only from outside vendors or centralized repro departments. It empowers your staff to copy, print, scan and e-mail documents themselves, boosting productivity and improving turnarounds.



New Technology for a New Era

Ease and efficiency combine as never before in wide format documentation



FastEasyUnmatchedIntuitive

Making Wide Format Copying Walk-up Easy

Traditionally located in centralized areas, wide format imaging systems used to require trained operators—until now. The Ricoh 480W is designed to make copying and printing wide format documents so easy that virtually anyone can do it.

- Everything is easily accessible from the front—paper drawers, toner and controls.
- The backlit touch screen panel makes operation easy with minimal instruction. And with the hierarchical tool menus, even novices can select the functions they need on the first try.
- Changing paper on the Ricoh 480W is easier than any other wide format digital system in the industry. And to maximize the time between roll changes, the system has a standard two-roll tray and an optional two-roll drawer or two cut-sheet cassette trays.

Innovative Document Server for Easy, Fast Storage and Retrieval

Wide format documents often need to be quickly available for making changes and additions. With the Ricoh 480W's built-in document server, you can store up to 80 GBs of document data for up to 180 days—eliminating the need to search through drawers for originals. It's an ideal location to store your documents, work and projects in progress.

- Quickly edit, combine images, reduce or enlarge your documents, and stamp them before filing or retrieving for reprinting.
- If you're concerned about security, consider it solved: Just store your work by file name or user name, assign a password for access and your sensitive documents are protected from unauthorized users.

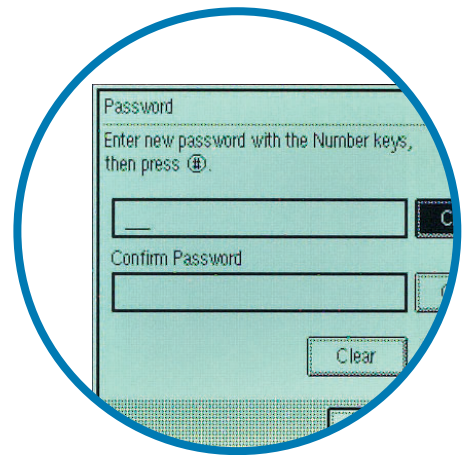
Faster and Simpler Scanning for Document Sharing

By eliminating the costs of mailing and overnight delivery and allowing you to send documents almost instantly by e-mail, the optional embedded scanner on the Ricoh 480W can dramatically cut costs and improve service at the same time.

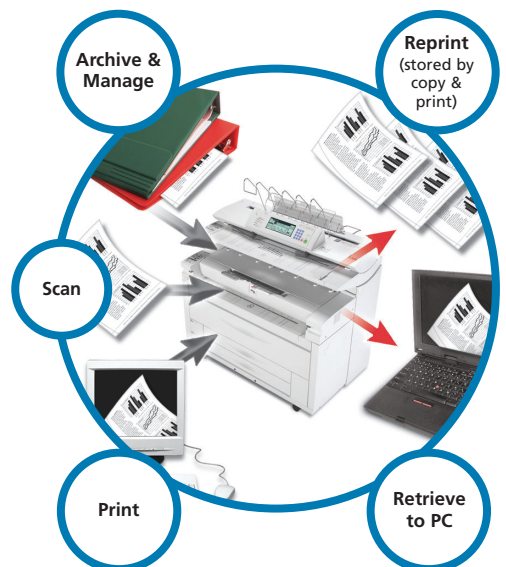
- Scan-to-Email: Now you can scan your documents and send them immediately to anyone with an e-mail address—anywhere in the world. And the LDAP search capability lets you download unlimited recipient names directly from your company's existing e-mail system or corporate address book.
- Scan-to-Folder: Tired of looking through stacks of hard-copy documents for your latest revision? Scan-to-Folder makes storage and retrieval simple for all of your documents: you simply scan directly to a folder on the hard disk through either SMB or FTP protocol. What's more, designated users on your LAN or WAN have the same ease of access to review and update your designs.
- Network TWAIN scanning: This driver solves the problem of what to do with old-style blueprints. It allows you to convert your blueprints into high-resolution black-on-white output by simply selecting "diao" when you scan your originals.



Access all paper drawers quickly and easily from the front of the Ricoh 480W. Maximize time between changes with a standard two-roll tray and optional two-roll drawer or two cut-sheet cassette trays.



Files can be password protected and held in memory until released by the owner for increased security, or stored for delayed printing or for print-on-demand applications.



Scanning and printing capabilities improve information management, while minimizing network traffic.

PrintScanNetworkE-mail

Desktop Management, Bottom-Line Savings

The Ricoh 480W allows you to manage a long list of functions using your Web browser—right from your desktop. Giving you more time to attend to the mission-critical tasks you're really responsible for.

- Check machine status, paper sizes and locations.
- View the document server job list.
- Assign security levels.
- Define configurations for the interface, network, Web page and security settings.
- View thumbnails of jobs and save them anywhere on your network.

Protect your Work at Every Step of Document Distribution

Your work is protected on the Ricoh 480W with some of the industry's most proven security measures:

- Prevent unauthorized personnel from accessing secure files with Windows Authentication. Users are required to input their names and passwords before being given access to print specific files.
- Encrypt data until it is actually output, preventing attempts to intercept data during transmission.
- Overwrite "latent images" automatically—images that remain temporarily on the hard drive after any job—preventing the possibility of recreating your work from the unit's hard drive.

Print Directly from CAD, Windows, Mac and UNIX Applications

Scanning, plotting, manipulating drawings, harnessing the power of the Internet, printing directly from CAD and Windows applications—just a few of the powerful capabilities you can add to the Ricoh 480W with the optional RW-480 Controller and its PLOTBASE and PLOTCLIENT software:

- Print and scan documents up to 49 feet long.
- Plot drawings directly to the Ricoh 480W, eliminating the need to print on slow, costly inkjet plotters.
- Prioritize print jobs automatically from multiple users across your organization.
- Print DWF documents without having to use AutoCAD and scanning to DWF format.
- Offer your clients the convenience of transmitting print jobs using the Internet.
- Add the SCANTOOL option and scan directly to PDF files or multi-page TIFFs, store files in any directory, or merge with files in other projects.



Your Partner in Environmental Solutions



The Ricoh 480W is Energy Star® compliant, continuing our longstanding commitment to developing office solutions with superior energy- and supply-saving features, including:

- Quick Start Up (QSU) technology
- Power-saving Sleep modes
- Duplex and Combine Copy modes
- Toner Recycling
- Low noise levels
- Minimal ozone emissions

Ricoh 480W

Specifications

Copier

Configuration	Console
Copying/Printing Process	Electrophotographic Printing
Paper Source	Two (2) Rolls (standard) Paper Cassette Trays (2) (optional) Two Roll Paper Drawer (optional)
Warm-up Time	Less than 2 minutes
First Copy	25 seconds (E size)
Copying Speed	8 cpm/ppm (D size); 4.5 cpm/ppm (E size), 3.93 ips
Resolution	600 dpi x 600 dpi
Gray Scales	256 levels
Gray Scale Printing	2 levels
Reduction/Enlargement	16 presets: Zoom 25% to 200% in 0.1% increments; 200% to 400% in 0.2% increments
Multiple Copies	1-99
Cutting Method	Synchronized cut, preset cut, variable cut
Standard Memory	1 GB
Standard Hard Drive	80GB
Standard	Interface to external PC for RW480 Controller
Original/Copy Size	Maximum: 36" x 590" (49'); Minimum: 8 1/2" x 7"; 36" x 78" bypass
Original Exits	Top, Top Rear Curled, Rear Straight-Path
Copy Exits	Front: Capacity 99 D sheets paper; Rear: 10 E Sheets
Power Source	120V/60Hz; 20A
Dimensions	50" x 30" x 47"
Weight	507 lb.

Copier Features

- Auto Magnification Selection
- Auto Paper Selection
- Backlit Touch Screen Control Panel
- Combine Originals: 2 in 1, 4 in 1, 8 in 1
- Document Server: Stores up to 375 D-size documents
- Editing Capabilities: Erase, Format Overlay, Image Shift, Margin
- Adjustment, Mirroring, Negative/Positive, Partial Copy Emergency Stop/Interrupt Mode
- Job Program (10 Jobs)
- Original Types
- Background line, Drawing, Generation, Pasted Original, Text/Photo
- Proof Copy
- Stamp: Preset (8), Custom (4), Page, Date

Copier Options

Embedded Scanner	Scan-to-Email & Folder, Network TWAIN, Security
Original Catch Tray	W37" x D31" x H44"; 30 sheets, 25 lb.
Paper Cassette Unit	Paper Size Max. W24" x L18", Cap. 250 Sheets, 132 lb.
Roll Feeder	Optional 2nd Drawer holding 2 rolls, 36" up to 590"
Roll Holders	Two Rolls, 36" x 590" (49'), Max Roll Diameter 6.88"

RW-480 Controller & Options (see columns 2 and 3)

Printer Controller RW-480 (optional)

PC Server Specifications:	External PC Server
Controller Type	(Note: Server not included, must be purchased separately from an appropriate vendor)
PC System Requirements:	Windows® 2000 Professional SP3 or Windows XP Professional SP1
Operating System	Pentium 4 or higher, 1GHz
Processor	2.0 or higher x 1 slot (with 3.3 V or 5V auto adaptive max. load 5V)
PCI Interface Slot	Min. 2G for 49' printing/scanning, Min. 512 MB for <=19.5' printing/scanning
RAM Memory	At least 10 GB memory
Hard Drive	10/100 Base T Ethernet, TC/IP configuration
Network Interface	At least 1024 x 768 pixels resolution
Monitor	TCP/IP, IPX/SPX, lpr/lpq, HTML, SMB, Ether Talk
Network Protocol	Maximum Speed 8 ppm (D-size documents)
Print Controller	Supported Output File Formats: HP-GL, HP-GL2, HP-RTL, TIFF, Calcomp 906/907, WMF, BMP, CALS, T6X, CIT, PCX.
Unix Support	Redhat Linux 6.x-7.1; HP-UX 10.x/11.x; Sun Solaris 2.67.x/8.x; SCO Open Server 5.x (up to 5.06)
Mac Support	From Mac OS8.6 to Mac OSX10.3
Options	PostScript 3 (for PDF printing and scanning); DWG/DXF/DWF CGM

Print Controller Features

- Account Tracking
- Auto Paper Select
- Border Setting
- Collation
- Combine Images
- Device Status Monitor
- Image Rotation
- Limitless Paper
- Locked Print
- Magnification
- Media Selection
- Mirror image
- Multiple print sets
- On-line Help
- Output Tray Select
- Pen Settings/Stamping
- Print Queue Management
- Print-to-Document Server
- Print/Scan up to 49'
- Remote print via Internet
- Roll/Media Select
- Sample Print

Scanner RW-480 (optional)

Controller Type	External PC Server (Same as for Print Controller)
Maximum Speed	8ppm (D size)
Resolution	150 – 1200 dpi
Scan Size	8.5" x 11.6.16" – 35.98 " x 590"
File Formats	TIFF Single and Multi Page (uncompressed/G3/G4), T6X, BMP, RLC, HP-RTL, PCX, CALS 1&2, Optional PDF (Single and Multi-Page), Optional DWF
Reading Area Setting	Auto, Fixed, User Defined
Continuous Input	Batch Scanning, Scan-to-File with Autaname, Save Multiple Page Document in One File (PDF or TIFF)
Scanning Modes	Single Copy, Set Copy, Batch Scanning, Archiving, Integrated Editor
Scanner Software	SCANTOOL

Controller Options

- RW-480 Controller
- Scan Option
- DWG/DXF/DWF Option (Print w/o AutoCAD; Scan to DWF w/Scan Option)
- Postscript 3 (Emulation) Option
- CGM (Computer Graphics Metafile) Option



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