

Wide Format Digital Imaging System

# RICOH MP W7100/ MP W8140

☒ Printer ☒ Copier ☐ Facsimile ☒ Scanner

**RICOH**  
imagine. change.



MP W7100

**10**  
cpm monochrome

MP W8140

**14**  
cpm monochrome

## Share big ideas and create new opportunities

You create every day. You start with an idea and try to figure out the best way to share it with colleagues and clients, whether in the boardroom, at the site or on the manufacturing floor. With the RICOH® MP W7100/MP W8140, you have a versatile, affordable MFP only a few feet from your desk where you can produce wide-format technical drawings, schematics, presentations and more for a hands-on, up-close look at key details and other critical information. When your partners are at another location, you can scan full-colour documents and distribute them electronically for convenient collaborations with anybody, almost anywhere to speed the development process. Plus, with easy-to-use security and administrative controls, you can ensure that all of your mid-volume, wide-format workloads are handled with speed, accuracy and accountability — so more projects can stay in-house and on budget.

### Make adjustments to fit your environment and preferences

Every office is different, as is the way each of us works. So configure the Ricoh MP W7100/MP W8140 to make it more convenient for you and your team. Planning to scan a lot of documents? Use the optional scanner separation unit available for the Ricoh MP W8140 to capture and send documents without interfering with coworkers who need access to the operation panel to copy and print other documents. You can choose between front output using an optional Multi-Stacker or have documents released via the optional Double Stacker at the back of the device. You can also program the operation panel with icons, so users can access specific tasks or even jobs with a single touch to save time.



### Protect your information, secure more work

The information you create is your differentiator. So why let just anybody access the unique details that set you apart? Protect technical drawings and other critical information using advanced encryption tools, including Windows Authentication and PDF encryption, to thwart threats to your password-protected information at every stage of printing and distribution. With the DataOverwriteSecurity System (DOSS), you don't have to worry about leaving key information at the device. The Ricoh MP W7100/MP W8140 overwrites latent images and data on the hard drive automatically. You can also hold jobs at the device until you release them by swiping an ID card or entering your password at the control panel. Plus, the system is ENERGY STAR® certified and meets EPEAT® Gold\* criteria.



\*EPEAT rating is applicable only in the USA.



# Manage everyday, wide-format workloads from one device

## Do it all, all the time

If your firm is like most architectural, construction and engineering firms, you understand that you'll need to chip in any way you can. It's a lot easier to do your part with the Ricoh MP W7100/MP W8140. Whether you're printing forms, technical drawings, banners and other documents from your desktop, copying them for a big meeting, or scanning them to another office, you can do it all from one convenient MFP. With icon-based, one-touch control from an easy-to-use 9" colour VGA operation panel, you can transition from one task to the next without delays and without having to rely on anybody else.



## Produce wide format output with ease

You're always up against the clock. If you're not running between meetings in the office, you're staring down a deadline on site. Choose the Ricoh MP W7100/MP W8140 so you're ready for every deadline, every time. You'll appreciate how convenient it is to simply walk up and print up to 14 D-size wide format documents per minute, or scan them and send to recipients yourself with the press of a button. Obviously, you know how significant any error is in the build process, so take advantage of thumbnail previews that allow you to check your work and avoid any errors before sharing it with other members of your team. Having an issue with the MFP itself? Animated guidance on the touch panel helps you avoid lengthy delays by accessing paper jams or changing toner easily from the front of the device.



## Scan full-colour documents for fast, reliable collaborations

Why create documents in full colour if you don't want others to see them that way? Use the Ricoh MP W7100/MP W8140 to scan and capture full-colour originals and distribute them via Scan-to-Email/Folder/FTP/HDD/URL, so recipients can see what you see — and what you've done. Since many documents contain multiple versions, you can scan documents with handwritten notes, colour markups and other additions without wasting valuable time creating an entirely new document. You can even integrate satellite imagery, photographs and maps, so recipients have all the information they need in a single document without fumbling through excess paperwork. If you're heading out to the site, or to a client's office, take critical documents with you — without the cumbersome paperwork — via the Scan-to-USB/SD card option.



# Ricoh MP W7100/MP W8140

## SYSTEM SPECIFICATIONS

### General Specifications

Configuration	Console
Copy/Printing Process	Electro-photographic printing
Paper Source	2 roll paper feeder (Standard) 2 roll paper feeder (Optional)* 250 sheets x 2-drawer paper cassettes (Optional)*
*Cannot be installed simultaneously	
Warm-Up Time	Less than 120 Seconds
First Copy	MP W8140: 10 seconds (D-size) MP W7100: 13 seconds (D-size)
Copying Speed	MP W8140: 14 cpm (D-size) MP W7100: 10 cpm (D-size)
Resolution	600 dpi x 600 dpi
Grayscale Scanning	256 levels
Grayscale Printing	2 levels
Reduction/	18 presets; 25% to 400% by
Enlargement	0.1% increments
Zoom	25% to 400% by 0.1% increments
Multiple Copies	1 to 99 (ten key input)
Cutting Method	Synchronized, preset size, variable
Memory Capacity	2.5 GB
Hard Disk Drive	320 GB (shared with copier/printer/scanner)
Original Feed	Sheet
Original Set Position	Center
Original/Copy/Scan Size	Maximum: MP W8140: 36" x 1180" (98.4') (914.4 x 30,000 mm); MP W7100: 36" x 590" (49.2') (914.4 x 15,000 mm) Minimum: 8.5" x 8.5" (210 x 210 mm) Bypass and Paper Cassette: 36" x 78" (914.4 x 2,000 mm)
Original/Copy Size	Maximum: MP W8140: 36" x 1180" (98.4'); MP W7100: 36" x 590" (49.2'); Minimum: 8.5" x 8.5"; 36" x 78" bypass
Original Exits	Rear (upper), Original rear exit (straight through), Original upper exit
Copy Exits	Front: 99 sheets (Plain Paper D-size LEF) Back: 10 sheets (Plain Paper E-size LEF)
Power Source	208 – 240 V, 15A (max), 60 Hz
Max Power Consumption	MP W8140: 3.5 kW per hour MP W7100: 2.4 kW per hour
Dimensions (WxDxH)	49.2" x 29.7" x 47" (1,250 x 755 x 1,193 mm)
Weight	MP W8140: 649 lbs. (295 kg) MP W7100: 631.4 lbs. (287 kg)

### Copier Features

Copy Modes (Text, Text/Photo, Photo, Drawing, Generation Text, Generation Photo, Pasted Original, Background Line, Highlighter, Auto Paper Selection (APS), Auto Reduce/Enlargement, User Auto Reduce/Enlargement, Preset Reduce/Enlargement, Zoom, Size Magnification, Directional Magnification, Directional Size Magnification (percentage and mm/inch), Fine Magnification, Electronic Sort, Image Overlay, Format Overlay, Negative/Positive, Mirroring, Double Copy, Repeat Copy, Sample Copy, Combine Images, Job Interrupt, User Code, Key Operator Code, Job Program (up to 10 jobs), Margin Adjustment (0 to +200 mm by 1 mm steps), Image Shift – Front/Rear/Left/Right (0 to +/- 200 mm by 1 mm steps), Unprintable Margins – 5 mm (lead edge, trail edge, each side), Edge Erase, Preset Stamps, User Preset Stamps, Date Stamp, Page Stamp, Document Server: Store Up to 3,000 Documents, Auto Off, Energy Saver, Auto Energy Saver Mode, Auto Start

### Printer Specifications

Controller Board	Embedded
CPU	1.06 GHz
Print Speed	MP W8140: 14 ppm D-size LEF, 7 ppm E-size SEF MP W7100: 10 ppm D-size LEF, 5 ppm E-size SEF
Print Resolution	Up to 600 dpi
Print Drivers	Adobe® PostScript3, HDI
Supported File Formats	HP-GL, HP-GL2, HP-RTL, TIFF, CALS, JPEG, PostScript, PDF, MS Office®, DWG/DWF
Font	European 136 fonts (PS3)
Network Interface	Standard: 100BASE-TX/10BASE-T Ethernet, USB 2.0 Optional: Wireless LAN IEEE 802.11a/g/n TCP/IP (IPv4, IPv6), IPX/SPS (option)
Network Protocol	Windows XP/Vista/7/8/8.1/2003 Server/2008 Server/2008R2 Server/2012 Server/2012R2 Server, Mac OS (10.7 or later)
Supported OS	Yes (JPEG/TIFF/PDF)
Media to Print (Print from USB/SD)	Sample/Locked/Hold/Store/Store and Print, Unauthorized Copy Prevention, PDF Direct Print
Printer Features	English, Brazilian Portuguese, Danish, Dutch, Finnish, French, German, Italian, Japanese, Korean, Norwegian, Polish, Romanian, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish
Supported Languages	

### Scanner Specifications

Controller Board	Embedded
Colour Scan	Standard
Scan to Multimedia	Standard
Media to Print	Standard
Scan Speed	Colour: 1.97" – 7.87" ips (50 – 200 mm) ips @ 600 dpi Monochrome: 1.67" – 13.13" ips (42.5 – 340 mm) ips @ 600 dpi 150 dpi to 600 dpi; TWAIN: up to 1200 dpi
Scan Resolution	Colour: Text/Photo, Photo
Scan Mode	Monochrome: Text, Text/Photo, Photo, Drawing, Text/Drawing, Grayscale

### Scan Detection Scan Protocol

Auto, Preset Paper Size, Custom Network: TCP/IP  
Sending Email: SMTP AUTH, POP before SMTP  
Scan-to-Folder: SMB, FTP, NCP  
9 levels of lighter to darker  
Erase Border, Positive/Negative, Mirror Image  
Scan-to-Email (SMTP), Scan-to-Folder (SMB, FTP), Scan-to-URL, Scan-to-USB/SD, Network TWAIN, Scan-to-NCP, Scan-to-Document Server

### Image Density Edit Scanner Features

### Preview

Full View: 18" x 24"; Section Preview: 36" x 48"  
Multi page TIFF, Single page TIFF, Multi page PDF, Single page PDF, Single page JPEG, High Compression PDF, PDF/A

### File Formats

### Scanner Features

Scan-to-Email/Folder/URL/and Multimedia USB/SD, Network TWAIN  
Scan, Preview before Transmission, Automatic File Name & setting, Simultaneous transmission, Scan naming (reference # setting)

### External Options

Paper Cassette Unit CT6510<sup>1</sup>

2-Drawer Cut-Sheet Paper Cassette; adjustable up to 18" x 24"; Holds up to 250 sheets x 2 (17 lbs. – 29.3 lbs.)  
2-Roll Feeder; Holds paper up to 36" (914.4 mm) wide; 656.2 feet (200 m) paper capacity

### 2nd Roll Unit RU6540

Roll Holder Unit Type A  
Scanner Separation Kit Type M15<sup>1</sup>

### Multi Stacker Type 7140

### Double Stacker Type 7140

### Original Hanger

### Original Tray Type G

<sup>1</sup>Cannot configure Paper Cassette Unit and Roll Unit simultaneously

<sup>2</sup>For MP W8140 only

### Internal Options

SD Card for NetWare Print, OCR Unit, Browser Unit, Wireless LAN (IEEE 802.11a/g/n), Zoffy (CC Certification)

### Print Utility Options

### PrintCopy Tool

### DWG Option Type D

### Upgrade Kit for DWG Option Type D

### Consumables\*

Ricoh toner BK MP W7140

\*For maximum performance and yield, we recommend using genuine Ricoh parts and supplies.

Specifications are subject to change without notice.

### Warranty

The Ricoh MP W7100/MP W8140 is under warranty against defects for a period of one year from the date of purchase. Consumables are under warranty for a period of 90 days from the date of purchase or until depleted, whichever comes first. Please refer to warranty documents shipped with the product for more details.

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