

# Ricoh MP CW2200SP



# Add color to wide format workflows

The RICOH® MP CW2200SP combines full-color output with exceptional versatility to meet a wider range of wide format workflow demands. The affordable, full-color low-volume digital imaging system offers print, copy and scan functionality to ensure essential large documents can be captured, saved and shared with incredible ease and simplicity. Present design plans, documents, schematics and more in brilliant colors — exactly the way they were designed.

# Versatile performance to do more

The Ricoh MP CW2200SP offers incredible multifunction performance, including copying, scanning and printing, to streamline low-volume, wide format workloads for CAD-centric organizations, such as architectural, construction and engineering firms. With full-color output, you can create compelling, professional-quality documents to put your work in the best light. Choose from multiple paper sizes and weights in order to meet every demand and manage every project with ease from the device or from the desktop.



## Intuitive functionality makes it easy

The Ricoh MP CW2200SP is designed to work the way you do. Take advantage of embedded SDK architecture to integrate highly productive Ricoh applications such as GlobalScan NX as well as the 4.3" tiltable operator panel to configure workflows and to set up easy, one-touch shortcuts for frequently used tasks and personal preferences. A simplified display and step-by-step animated guide ensure easy operation for every user. Users can also replace proprietary ink cartridges in moments without swapping print heads for longer-lasting performance and less waste.



# Advanced scanning streamlines operations

With the Ricoh MP CW2200SP digital imaging system, you can share high-quality color or black-and-white electronic documents quickly and easily at no additional cost. The Ricoh MP CW2200SP lets you scan full-color originals and distribute them via Scan-to-Email/Folder/FTP/HDD. Take advantage of Scan-to-URL to give users in the field immediate access via any Web browser. Save files directly to a USB or SD card for mobile convenience. In addition, full-color thumbnail views allow users to review documents for accuracy and clarity before delivery.

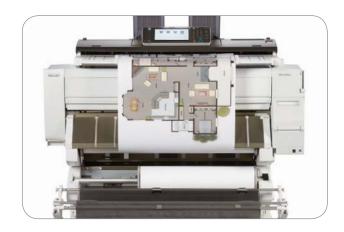




# Full-featured capabilities in full color

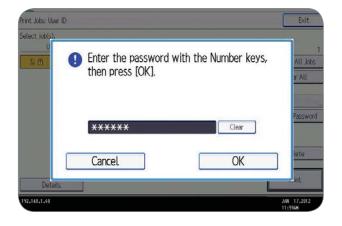
## **Outstanding paper feeding**

Take advantage of uninterrupted workflow and improve your productivity. The Ricoh MP CW2200SP includes multiple paper feeds to ensure users have the right kind of paper to handle every project with consistent speed and efficiency. With optional two-roll printing, the system can accommodate various-sized paper rolls and change them automatically. Users can print on the appropriately sized paper to reduce paper waste without having to walk to the device and spend critical time changing paper manually.



## **Powerful security**

Protect confidential and proprietary documents with a host of advanced security features. With user authentication, print jobs are stored and released only when the authorized user swipes an ID card or enters a password at the device. PDF encryption protects the integrity of scanned, password-protected PDFs during distribution. The device includes the DataOverwriteSecurity System (DOSS) feature to automatically destroy latent images and data on the HDD. Administrators can even restrict access to specific functions for each individual user.



#### External media convenience

The Ricoh MP CW2200SP is designed to enhance efficiency for every user — especially for those on the go. With the built-in USB and SD card slots, users can Scan-To or generate prints directly at the device using a USB memory or SD card for optimal on-the-go flexibility. It also supports an optional keyboard unit for users who prefer traditional keyboard input to a touch screen. In addition, users can even print from most manufacturer's mobile devices to ensure they have important documents at the most critical times.



#### **General Specifications**

Configuration Scanning Element Printing Process Ink Type System Memory

Paper Type

CIS Color Scanner (Moving original)
On demand Piezo inkjet system Pigment-based ink (All 4 colors)

3GB HDD 250GB Warm-up Time Less than 40sec\*

First Copy Time A0 SEF: (B/W) Speed Priority Mode: 51sec/ Standard Mode: 71sec (from Standby mode) (Color) Speed Priority Mode:155sec/

Standard Mode: 244sec A1 LEF: (B/W) Speed Priority Mode: 29sec/ Standard Mode: 41sec (Color) Speed Priority Mode: 84sec/ Standard Mode: 131sec

Copy Resolution 600dpi Original Feed Sheet Original Set Position

Center Maximum: 36" x 590" (914mm x Original Scan Size

15,000mm) Minimum: 8.5" x 8.5" (210mm x 210mm) Paper Feed Guarantee: 0.035 – 1.0mm Image Quality Guarantee: 0.090 – 0.2mm Original Paper Weight

(64 - 190g/m²) Feed to Carrier Sheet: 0.070mm and less Inches: 8.5" / 9" / 11" / 12" / 17" / 18" / 22" / 24" / 30" / 34" / 36" Metric (mm): 210 / 257 / 297 / 364 / 420 / Original Paper Width

440 / 490 / 515 / 594 / 610 / 620 / 625 / 660 / 680 / 707 / 728 / 800 / 841 / 880 /

Output Paper Size Inches: Maximum Roll Feeder - Width:

36", Length: 590" Maximum Bypass - Width 36", Length:

Minimum - Width 11", Length: 8.27" Metric: Maximum Roll Feeder - Width: 914.4mm, Length: 15,000mm Maximum Bypass - Width 914,4mm.

Length: 2,000mm Minimum – Width 279.4mm, Length: 210mm

Roll Paper: 0.068-0.2mm (51 – 190g/m²) Output Paper Weight Roll Paper Width

Not regper: 0.008-0.4mm (51 – 290g/m²) Inches: 11" / 12" / 15" / 17" / 18" / 22" / 24" / 30" / 34" / 36" Metric (mm): 297 / 364 / 420 / 440 / 490 / 515 / 594 / 610 / 620 / 625 / 660 / 680 / 707 / 728 / 800 / 841 / 880 / 914.4

Plain Paper, Recycle Paper, Inkjet Plain Paper, Tracing Paper, Matte Film, Coated

Paper, Coated Paper (CAD), Special Paper A0 SEF: (B/W) Speed Priority Mode: 1.8cpm/Standard Mode: 1.1cpm Copy Speed (CPM)

(Color) Speed Priority Mode: 0.6cpm/ Standard Mode: 0.3cpm A1 LEF: (B/W) Speed Priority Mode: 3.4cpm/Standard Mode: 2.0cpm (Color) Speed Priority Mode: 1.1cpm/ Standard Mode: 0.6cpm

133.3%, 200%, 266.7%, 400%

Reproduction Ratio Metric: 25%, 35.4%, 50%, 70.7% 141.4%, 200%, 282.8%, 400% Engineer (inch): 25%, 32.4%, 50%, 64.7%, 129.4%, 200%, 258.8%, 400% Architecture: 25%, 33.3%, 50%, 66.7%, 25% - 400% by 0.1% Step

Multiple Copying 1 to 99

Paper Output Capacity

1st Roll and Optional 2nd Roll: One Roll Paper each, Width: 8.5" – 36" (279.4mm Paper Feeding Capacity

914mm), Max. length:150,000mm, Max diameter: 176mm Bypass: One sheet 10 Sheets (Plain Paper)\*

\*2" core roll cannot stack because the curvature factor is too small.

Paper Cut Method Preset size cut/Synchronized cut/ Variable cut 220 - 240V 50 - 60Hz, 1.9A 120 - 127V Power Source 60Hz, 3,6A

Max Power Consumption

Less than 180W 55.1" x 22.1" x 50.3" (1,400 x 560 x Dimensions (WxDxH)

1,280mm) Less than 265 lbs (120 kg) Weight

**Printer Specifications** 

Embedded (GW Controller) Celeron-M 1.0GHz Controller Board

RAM 3GB HDD 250GB

A0 SEF: (B/W) - 1.8ppm (Speed Priority Print Speed

(Color) – 0.6ppm (Speed Priority Mode) A1 LEF: (B/W) – 3.2ppm (Speed Priority Mode)

(Color) – 1.1ppm (Speed Priority Mode) Adobe PostScript3, HDI PostScript3, HP-GL, HP-GL2 Speed Priority Mode: 600dpi x 300dpi Print Drivers Supported Print Language Print Resolution

Standard Mode: 600dpi x 600dpi Quality Priority Mode: 600dpi x 600dpi Quality Priority Mode for Coated Paper, Film (Matted) and Special Paper: 1200dpi x 1200dpi

X 1200dpi European 136 fonts (PS3) Yes, Save Ratio 50% (PS Driver) Standard: Ethernet 100BASE-TX/ 10BASE-T, USB2.0 Font Ink Save Mode Interface

Optional: Wireless LAN (IEEE802.11a/b/g,) Gigabit Ethernet (1000BASE-T)

TCP/IP (IP v4, IP v6), IPX/SPX MIB-II (RFC1213), Host Resource (RFC1514), Printer MIB (RFC1759) Network Protocol Standard MIB

Ricoh Original Private MIB

Network/Operating System Windows: XP/Vista/Server2003/ Server2008/Server2008R2/7 Mac: OS 10.2 – 10.6 or later

Citrix Presentation Server 4.5 (32bit/64bit) Citrix XenApp5.0 (32bit/64bit) Citrix XenApp6.0 (64bit)
AutoCAD 2004/2005/2006/2007/2008/

Supported CAD version (HDI Driver) 2009/2010/2011/2012

One Direction Media to Print Yes (JPEG/TIFF/PDF) (Print from USB/SD)

Unauthorized Copy Yes (PS driver)

Prevention WSD Printer Yes Color Matching Yes POP Yes CUD Yes

#### **Scanner Specifications**

Color Scan Standard Scan to Multimedia Standard Media to Print Standard

Standard B/W: 600dpi: 3.14ips, 80mm/s Color: 600dpi: 1.05ips, 26.7mm/s Standard: 100 / 200 / 300 / 400 / 600 dpi Default: 200 dpi Scanning Speed Scanning Resolution

Scan Detection Auto detect, Preset size, Custom size RGB Support Network Interface Standard Standard: Ethernet 100BASE-TX/ 10BASE-T, USB2.0, USB Host, SD card

Optional: Gigabit Ethernet (1000BASE-T), Wireless LAN (IEEE802.11a/b/g)
Network: TCP/IP, Scan-to-E-mail: SMTP, Scan-to-Folder: SMB, FTP Protocol

Compression Method B/W: TIFF (MH, MR, MMR), Grayscale Full Color: JPEG (5 levels)

Scan Mode B/W: Text/Line Art (Default), Text, Text/

Photo, Grayscale
Full Color: Text/Photo, Photo
Auto Density Selection effective only in Image Density B/W and Grayscale scan mode Manual: 7 levels (Effective in B&W/

Gravscale and Full-Color scan mode) Image Rotation

SADF/Batch Mode Mixed Size Mode

#### **External Options**

2nd Roll Unit

Maximum Width: 36" (914mm) Roll Paper Size Minimum Width: 11" (279.4mm) Roll Paper Diameter 6.92" (176mm) Dimensions (WxHxD) 43.6" x 15.7" x 17" (1,108 × 398 ×

432mm) 31.9 lb. (14.5 kg) Weight

Roll Holder Unit

41.3" x 6.3" x 6.3 (1,049 ×160 ×160mm) Dimensions (WxHxD) Weiaht

3.3 lb. (1.5 kg)

Consumables\*

Starter (Included): Print Cartridge Black 60ML Print Cartridge Cyan Print Cartridge Magenta Print Cartridge Yellow 28MI 28MI

For Purchase: Print Cartridge Black Print Cartridge Cyan Print Cartridge Magenta 200MI 100ML 100ML Print Cartridge Yellow 100MI

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

#### Warranty

The Ricoh MP CW2200SP 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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