

Digital Full Colour Multi-Function Printer

**RICOH**  
imagine. change.

# RICOH MP CW2200SP

✓ Copier ✓ Printer ✓ Scanner



Insight Systems Ltd

w: [www.insightsystems.co.uk](http://www.insightsystems.co.uk)  
e: [sales@insightsystems.co.uk](mailto:sales@insightsystems.co.uk)  
t: 01732 880600

RICOH  
MP CW2200SP  
A1  
B/W  
3.2ppm  
Colour  
1.1ppm

**Full-colour capability and high-speed monochrome output. This new digital multi-function inkjet printer takes wide format printing to a new level**

The Ricoh MP CW2200SP has been specially designed for CAD & GIS. Quick start-ups and high-speed monochrome output give you the efficiency you want. Innovative Liquid Gel™ ink technology and other advanced features reduce your running costs and enhance colour quality. You get the boost your business needs all-in-one printer.

**RICOH MP CW2200SP**



# RICOH MP CW2200SP

Outstanding new wide format printing

## Full Colour & All-in-One

**Offers complete full-colour functionality in one printer**

Print, copy and scan – all in full colour. This one printer delivers high-quality wide format colour output fast and at low cost.



## High productivity

**High-speed monochrome printing at 3.2 pages/minute (A1 horizontal)\***

Your office's productivity is on the rise, thanks to high-speed monochrome printing at 3.2 sheets/minute (A1 horizontal).\* And with less than 40 seconds from sleep mode to print, you're up and running fast.

\*RICOH MP CW2200 Series with plain paper in high-speed mode. Print rate for RICOH MP CW1200 Series under same conditions is 3.0 sheets/minute (A1 vertical).



## Environmental responsibility

**Greatly reduced environmental impact – thanks to new technology**

During printing, new Liquid Gel™ ink technology enables ink adhesion without heat. The result is much greater energy efficiency than laser printers offer and reduced environmental impact.



## Exceptional usability

**Simple operation designed with the user in mind**

The large touchscreen makes it easy to select key functions. For extra convenience and efficiency, the home screen is customizable: simply add the functions and settings you use most often!





## Designed for your success



### New Liquid Gel™ ink technology

This is the very first time that this innovative ink developed by Ricoh has been used on a wide format system. Because of its quick-drying properties, it guarantees high productivity as well as superb line accuracy and is smudge-free and UV-resistant.

### High productivity

- Overall warm up time less than 40 seconds
- Runs at up to 1.8 pages per minute (b/w), 0.6ppm (colour) on A0  
3.2 pages per minute (b/w) and 1.1ppm (colour) on A1
- Printing time: For the first five sheets faster than existing LED and inkjet models in its class
- Suction-fed paper handling includes ejection module that reduces feeding time. Can hold 10-sheet stack as standard



### Simple full front operation

- Newly designed and flexible colour LCD touch panel
- Easy job programming with intuitive user interface
- Full-colour thumbnail view and preview
- Versatile functionality and supports 20 languages



## Designed for your success



### New enhanced controller

The MP CW2200SP offers an enhanced controller as well as full network connectivity to streamline your digital wide-format workflow and deliver consistently high throughput.

### All functions supported

These include media to print and scan to USB/SD and wireless LAN interface option for remote operation. Full colour technical documents, site plans, elevations, posters, maps and project presentations can be scanned into a variety of file formats such as scan to URL, folder or Network Twain Driver for email, archive and print needs.



### Scan preview for increased accuracy

Being able to preview a scanned document before transmission is of huge benefit to improve data input accuracy, especially with confidential documents. You can arrange the preview scale for detailed checking on LCD and, if the image is incorrect or not to your liking, stop transmission. Automatic file naming and number setting makes it simple to archive and retrieve data at a later date.



## Safeguard your information

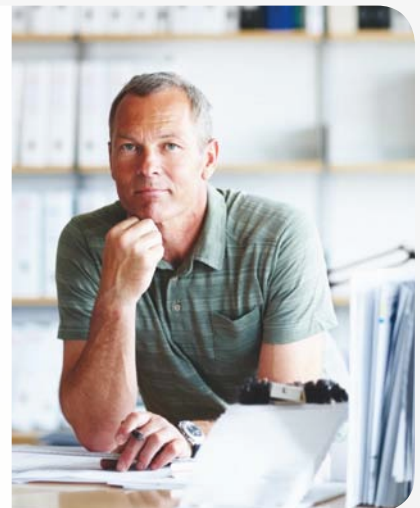


### The latest security measures

To handle sensitive information and protect your data against possible threats, whether internal or external, the MP CW2200SP comes equipped with the latest security measures. These include administrator and user authentication as well as external authentication to eliminate spoofing, access restriction, secure scanning with encrypted PDF transmission so data can reach its destination safely.

### Protecting data

Data and address book encryption protects the data registered in the MP CW2200SP, even if the built-in memory is removed, disposed of or stolen. Whilst HDD Overwrite prevents data on the hard disk being leaked before machine disposal or allows you to automatically overwrite temporarily stored data.



### Protecting the environment

The MP CW2200SP uses 90% less in power consumption than previous models. In fact, at an average of 180W or less, it comes an impressive 30%, or more, lower than its major competitors. Complies with the RoHS directive and is Energy Star compliant. All of which further demonstrates Ricoh's on-going commitment to the environment.



# MP CW2200SP



## 1 Scanner modules

Full colour scanner with a staggered 5 CIS seating arrangement (Contact Image Sensors) for optimal scanning quality and clarity. Scanning resolution is up to 600dpi.

## 2 Roll & 2nd roll

Accommodates CAD and GIS needs with a roll feeder that has 210mm -914mm width. A second roll feeder presents a convenient option. Allows usage of a wide variety of paper types from plain, recycled and tracing to matte film, coated paper and other special paper (CAD).

## 3 Nozzle loss detection module

Ricoh's new technology detects defective nozzles and automatically corrects to ensure consistently high image resolution.

## 4 New Liquid Gel™ ink technology

Ricoh's innovative Liquid GEL™ is quick-drying and smudge-free.

## 5 Supply module

Mounted with a constant supply system, it continually monitors the ink in the head-tank via a filter sensor. During printing, this ensures that the head-tank avoids running out of ink.

## 6 Ejection module

Benefitting from new Ricoh technology, this ejection module is installed with a submarine cutter that as it returns from the feeding side reduces feed loss time.

# MP CW2200SP

MAIN SPECIFICATIONS

## GENERAL

Technology:	On demand piezo inkjet system
Ink Type:	Pigment-based Liquid Gel™
Print Speed:	A0 SEF: BW (Speed Priority Mode) 1.8ppm, FC 0.6ppm, A1 LEF: BW (Speed Priority Mode) 3.2ppm, FC 1.1ppm
Copy Speed:	A0 SEF: BW (Speed Priority Mode) 1.8cpm (Standard Mode) 1.1cpm. FC (Speed Priority Mode) 0.6cpm (Standard Mode) 0.3cpm A1 LEF: BW (Speed Priority Mode) 3.4cpm (Standard Mode) 2.0cpm FC (Speed Priority Mode) 1.1cpm (Standard Mode) 0.6cpm
Print Resolution:	Speed Priority Mode: 600 x 300dpi Standard Mode: 600 x 600dpi Quality Priority Mode: 600 x 600 dpi
Copy Resolution:	600dpi
Warm-up time:	Less than 40 sec.
Dimensions (WxDxH)	1,384 x 660 x 1,214mm
Weight:	Less than 120kg
Power Source:	220-240V, 1.9A, 50/60Hz
Power Consumption:	Printing: less than 180W

## SCANNER FEATURE

Resolution:	100/200/300/400/600dpi (Standard) 200dpi (Default)
Scan Speed:	BW: 600dpi: 80mm/s, 200dpi: 160mm/s FC: 600dpi: 26.7mm/s, 200dpi: 40mm/s
Scan Area:	Max: 914 x 15,000mm Min: 210 x 210mm

## MEDIA HANDLING

Paper Input Capacity:	SEF: A0/A1/A2/A3/A4 LEF: A1/A2/A3/A4
Non-Standard Size:	Original Length: 210- 5,000mm Original Width: 210-914.4mm Maximum Width: 914mm
Paper size:	Maximum: 914 x 15,000mm Roll Feeder, 914 x 2,000mm - Bypass Minimum: 279.4 x 210mm
Paper Weight:	Roll Paper: 51-190g/m <sup>2</sup> Cut Sheet: 51-220g/m <sup>2</sup>

## PRINT SERVER

Configuration:	Embedded (GW Controller)
CPU:	Celeron-M 1.0GHz
Memory:	3GB
HDD:	250GB
Operating System	Windows: XP/Vista/Server2003/ Server2008/ServerR2/7/ Mac: OS 10.2-10.6 or later Citrix Presentation: Server 4.5  (32bit/64bit)
Network Protocol:	Citrix XenApp5.0 (32bit/64bit) Citrix XenApp6.0 (32bit/64bit)
Supported Print Language:	TCP/IP, (IPv4, Ipv6) IPX/SPX PostScript 3, HP-GL, HP-GL2
PDL	Adobe PostScript 3, HDI
Supported Data Format:	PDF, TIFF, JPEG
Font:	European 136 fonts
Network Interface:	Standard: Ethernet  10/100BaseTX,  USB2.0, USB Host, SD card slot Option: Gigabit Ethernet, Wireless LAN(802.11a/g)
Service Interface:	USB x1, SD x1

## OTHER OPTIONS

2nd Roll Unit/Roll Holder Unit

## ENVIRONMENTAL INFORMATION

MP CW2200SP complies with Energy Star 1.1 standards.



Embedded Software Architecture



**RICOH**  
imagine. change.



Insight Systems Ltd

w: www.insightsystems.co.uk  
e: sales@insightsystems.co.uk  
t: 01732 880600

ISO9001 certified, ISO14001 certified

All brand and/or product names are trademarks of their respective owners. External appearance are subject to change without notice. The colour of the actual product may vary from the colour shown in the brochure. The images in this brochure are for illustration purposes only, slight differences in detail might appear.

Copyright © 2012 Ricoh Europe PLC. All rights reserved. This brochure, its contents and/or layout may not be modified and/or adapted, copied in part or in whole and/or incorporated into other works without the prior written permission of Ricoh Europe PLC.

[www.ricoh-europe.com](http://www.ricoh-europe.com)