

# Ricoh MP 501SPF and MP 601SPF B/W Multifunction Printers



## The ideal combination of convenience and productivity

Intro Date: July 2016

10-30 users

5,000 – 16,600 pages per month MP 501SPF

6,500 – 16,600 pages per month MP 601SPF

Service Maintenance Model

Weight: 61.7 lb.

Dimensions: 18.7" W x 19.84" D x 25.39" H



## OVERVIEW

- A4 B/W MFP "information portal" that delivers a full print, copy, scan, fax, and document storage feature set.
- Addresses customer requirements for productivity, workflow support, security, media versatility, and eco-friendliness.
- Fast print speed of 52 ppm (MP 501SPF) and 62 ppm (MP 601SPF) at 1200 dpi resolution.
- Color 10.1" Super VGA Smart Operation Panel lets you go from one job or task to the next easily using touchscreen interactions to navigate menus, check settings and initiate jobs.
- Supports current solutions and will support SOP "optimized" solutions as they are developed that will provide a more integrated look and feel that maximizes the capabilities of the new Smart Operation Panel.
- Low Total Cost of Ownership (TCO), low cpp, and virtually maintenance-free performance with a 500K yield Drum, Development Unit, and Fuser Unit.
- Meets the needs of a mobile workforce with support for printing and scanning from Tablets and Smart Phones using the RICOH Smart Device Connector App.
- Streamline information sharing with cost-free electronic document distribution including Scan-to-Email with LDAP, plus Scan-to-Folder (FTP/SMB), Scan-to-URL and Scan-to USB/SD Card.
- Super G3 Fax capabilities plus Internet Fax, IP Fax, and LAN Fax support.
- ID Card Copy app scans both sides of drivers' licenses, insurance cards, etc. onto a single side of paper for easy viewing.
- Pair MFP with workflow software, including RICOH Streamline NX and Device Manager NX for tracking and authentication, to maximize automation and expedite workflows even more.

## KEY SPECIFICATIONS

### MAIN UNIT ■

Configuration:	Desktop
Imaging Technology:	Electro-photographic printing with laser beam scanning
Operation Panel:	10.1" Smart Operation Panel with integrated USB 2.0 Type A port and SD Card slot
Print/Copy Speed:	MP 501SPF: 52 pages per minute (Letter) • MP 601SPF: 62 pages per minute (Letter)
Warm-up Time:	MP 501SPF: 24 seconds • MP 601SPF: 25.4 seconds
First Page Out Time:	6 seconds or less
Standard Paper Supply:	500-sheet Tray x 1 + 100-sheet Bypass = 600 sheets
Optional Paper Supply:	500-sheet Paper Feed Unit x 4
Maximum Paper Supply:	2,600 sheets
Output Capacity:	500 sheets (face down)
Duplexing:	Automatic (standard) approximately 70% productivity
Paper Sizes	Standard & Optional Trays: 5.5" x 8.5" to 8.5" x 14" Bypass Tray: 5.5" x 8.5" to 8.5" x 14" Duplexing: 5.5" x 8.5" to 8.5" x 14"
Paper Weight:	Standard Tray: 17 - 32 lb. Bond (64 - 120 g/m <sup>2</sup> ) Bypass Tray: 16 - 59 lb. Bond/120 lb. Index (60 - 220 g/m <sup>2</sup> ) Duplexing: 17 - 32 lb. Bond (64 - 120 g/m <sup>2</sup> )
Paper Types:	Standard Tray: Thin, Plain, Recycled, Colored, Bond, Letterhead, Thick and Preprinted Papers Bypass: Above plus Labels, OHP Transparencies and Envelopes

## KEY SPECIFICATIONS continued

### MAIN UNIT ■

Power Requirements:	120V, 60Hz, 15A
Power Consumption:	MP 501SPF: Ready: 50.1 W, Operating: 740 W, Sleep: 1.1 W • MP 601SPF: Ready: 116 W, Operating: 774 W, Sleep: 1.1 W
TEC Value:	MP 501SPF: 3.0 KWh/week • MP 601SPF: 3.8 KWh/week
ENERGY STAR:	Certified
EPEAT:	Silver

### PRINTER SPECIFICATIONS ■

CPU:	1.46 GHz
Memory:	2 GB RAM standard / maximum
Hard Disk Drive:	320 GB (standard) with HDD encryption & Overwrite (DOSS)
Print Resolution:	300 x 300 dpi (PCL 5e) 600 x 600 dpi (PCL 5e, PCL 6, PostScript3, XPS) 1200 x 1200 dpi (PCL 6, PostScript3, XPS)
PDL Support:	PCL 5e, PCL 6 (XL), Genuine Adobe® PostScript® 3™, PDF Direct Print, XPS
Fonts:	PCL: 45 Scalable fonts + 13 International fonts + 6 Bitmapped fonts PostScript3: 136 Roman fonts
Standard Interfaces:	10/100/1000Base-TX Gigabit Ethernet (RJ-45) x 1 USB 2.0 Hi Speed Type B x 1 USB 2.0 Host Type A Interface x 2 SD Card Slot x 2
Optional Interfaces:	IEEE 802.11 a/b/g/n Wireless LAN IEEE 1284/ECP Parallel Interface USB 2.0 Type B Device Server Extended USB 2.0 Type B Board File Format Converter
Network Protocols:	TCP/IP (IPv6, IPv4)
Network/OS Support:	Windows Vista, 7, 8/8.1, 10, Server 2008/R2, Server 2012/R2, Mac OS X v.10.7 or later, Citrix XenApp 7.0+, SAP R/3 (Barcode & OCR package), UNIX Filter: Sun Solaris 9, 10, HP-UX 11.x, 11i v2, 11i v3, SCO OpenServer 5.0.7, 6.0, RedHat Linux Enterprise V4, V5, V6, IBM AIX 5L Version 5.3, 6.1, 7.1
Advanced Features:	Auto Job Promotion, Banner Page Printing, Mobile Printing, Sample/Locked/Stored/Hold/Scheduled Print, N-up, Poster Printing, Print-from USB/SD Card

### COPIER SPECIFICATIONS ■

Document Feeding:	Automatic Reversing Document Feeder (ARDF)
Original Capacity:	75 sheets
Copy Scan Resolution:	600 x 600 dpi via Platen; 600 x 600 dpi or 600 x 300 dpi via ARDF; 600 x 600 dpi or 1200 x 1200 dpi
Original Size:	Up to 8.5" x 14" (ARDF); up to 8.5" x 14" (Platen Glass)
Maximum Copy Quantity:	1 – 999
Zoom:	25 - 400% in 1% increments
Preset Reduction & Enlargement Ratios:	65%, 78%, 93%, 129%, 155%
Advanced Features:	Auto Paper Selection, Auto Reduction & Enlargement, Auto Tray Switch, Auto Start, Combine Copy, Directional Magnification, Duplex Copy, Electronic Sort, Envelope Copy, ID Card Copy, Interrupt Copy, Memory Copy, Series Copy, User Program

### SCANNER SPECIFICATIONS ■

Type:	Full color CCD image sensor
Scan Modes:	B&W, Grayscale, Full Color
Scan Functions:	TWAIN Scanning (Windows only) Scan-to-Email/FTP/SMB/URL Scan-to-USB/SD Card
Scan Resolutions:	Scan-to Modes: 100/200/300/400/600 dpi (200 dpi default); TWAIN Scanning: 100 - 1200 dpi in 1-step increments (B&W and Color)
Scanning Speed (Ltr):	B&W: 62-ipm (LTR @ 300 dpi), 42-ipm (LTR @ 600 dpi), Color: 42-ipm (LTR @ 300 dpi), 21-ipm (LTR @ 600 dpi)
File Formats:	Single/Multi Page: TIFF/PDF/PDF-A/Hi Compression PDF Single Page: JPEG
Document Storage:	Standard 320 GB HDD provides capacity to store, share, and reprint up to 9,000 pages in memory
Advanced Features:	Preview Before Transmission, Drop Out Color, Digitally Signature, Optical Character Recognition*, Distributed Scan Management *OCR option required.

### FACSIMILE SPECIFICATIONS ■

Modem Speed:	33,600 bps - 2,400 bps w/Auto Fallback
Compression:	MH, MR, MMR, JBIG
Transmission Speed:	JBIG: Approximately 2 seconds/page MMR: Approximately 3 seconds/page
Quick Dials:	2,000
Fax Resolutions:	Standard: 200 x 100 dpi Detail: 200 x 200 dpi
Advanced Features:	LAN Fax, IP Fax (T.38), Internet Fax (T.37), Blank Sheet Detection, Forwarding

## ACCESSORIES & OPTIONS

### Paper Feed Unit PB1100

- 500 sheets
- Maximum paper size: 8.5" x 14"
- Accepts paper weights 17 - 32 lb. Bond (64 - 120 g/m<sup>2</sup>)
- Up to 4 may be added



### Tall Cabinet Type I

- Recommended for the base unit for a floor-standing configuration.



### Medium Cabinet Type J

- Recommended when one (1) or two (2) additional Paper Feed Units are added for a floor-standing configuration.



### Caster Table Type J

- Required when three (3) or four (4) optional Paper Feed Units are installed.



## MAINFRAME

ITEM	PART NUMBER	ITEM	PART NUMBER
MP 501SPF:	407809	MP 601SPF:	407812

## HARDWARE OPTIONS

ITEM	PART NUMBER	ITEM	PART NUMBER
Paper Feed Unit PB1100	407850	Medium Cabinet Type J	52641
Tall Cabinet Type I	52651	Caster Table Type M24	407851

## CONNECTIVITY OPTIONS

ITEM	PART NUMBER	ITEM	PART NUMBER
IEEE 802.11 Interface Unit Type M24	407863	File Format Converter Type M19	417508
IEEE 1284 Interface Board Type M19	417596	OCR Unit Type M13	417428
USB Device Server Option Type M19	417567	Fax Connection Unit Type M24	407854
Extended USB Board Type M19	417566	NFC Card Reader	407853
Optional Counter Interface Unit Type M12	417111	DataOverwriteSecurity Unit Type M19	417499
XPS Direct Print Option Type M24	408048	ESP XG-PCS-15D Power Filter	006428MIU
		ESP AC1 Power Filter	ESPAC1

## SUPPLIES & CONSUMABLES

ITEM	PART NUMBER	YIELD	ITEM	PART NUMBER	YIELD
Print Cartridge MP 601 (includes Waste Toner Bottle)	407823	25,000 pages*	Feed Roller MP 601PB (for PFU)	408050	500,000 pages
Feed Roller MP 601 (for Mainframe)	408049	500,000 pages			

\*Declared Toner yield values based on ISO/IEC 19752, 5% coverage.

Actual yields may vary based on types of images printed and other factors.

Always recommend genuine Ricoh supplies for best performance and to achieve stated yields.

All models ship with a starter Print Cartridge yielding 10,000 pages.

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