

**THE ALL-NEW FACE OF  
COST-EFFICIENT BIG OFFICE PRINTING.**



The world of printing has changed for the better, with Epson's Replaceable Ink Pack System (RIPS) printers. The Epson RIPS super high-yield ink supply units can print up to 75,000 pages per ink change. So, no more toners, no more cartridges, and no more unnecessary wastage or unforeseen operational issues. Epson's PrecisionCore technology gives you an unmatched cost per print of less than 30 paise for black & white and less than 75 paise for colour prints. It's a revolutionary new way of printing.

**30 paise** B&W **75 paise** COLOUR

**75,000**  
A4 prints per ink change\*



- Up To 75,000  
Pages Ink  
Packs
- Draft  
Print  
Speed
- Duplex  
Printing
- Print Up  
to A3+
- Epson  
Connect
- Wi-Fi  
Direct
- Ethernet
- Lowest  
Cost  
Per Print
- ADF
- FAX



**HIGH-VOLUME  
REPLACEABLE INK PACKS**  
No Toners. No Cartridges.



Low power consumption of just **40W**

**RIPS YOUR PRINT COSTS**

**Exceptionally Low Running Costs**  
Extreme ease of maintenance, and fewer periodic replacement of parts and consumables, ensure savings unlike any other printer.

**Expandable Paper Handling**  
Additional paper cassettes, and a rear tray for special media, extend your choices for paper handling, across a range of media.

**Conserve Energy, Think Green**  
Epson's Micro Piezo™ printheads generate no heat, limiting unseen energy costs.



\*Under standard test conditions

The Epson Replaceable Ink Pack System (RIPS) and PrecisionCore technology ensures cost-efficient printing like never before. A host of features enable security, versatile connectivity and multiple print functions. Also, by eliminating energy costs, Epson RIPS cuts the environmental burden of everyday office operations. It's all about keeping productivity at its peak, and costs at a bare minimum.



### High-speed, High-definition Printing



Enjoy default print speeds of up to 24 ipm, and draft print speeds of up to 34 ppm, for both black & white and colour prints.

#### PRECISIONCORE

Epson's PrecisionCore printheads deliver print resolution of 600 x 600 dpi for standard prints, and up to 4,800 x 1,200 dpi for prints with special media. What's more, there's hardly any warm-up time, with a first page-out time of less than 7 seconds.

### Less Wastage, More Eco-friendly

Laser toner cartridges lead to a lot more wastage than you imagine. Epson WorkForce Pro RIPS Multi-Function Printers take up less than half that volume for the same print jobs, thereby reducing your Company Environment Load.

### Long-lasting Smudge, Fade, Water-resistant Prints

Epson's DURABrite ink was developed as the optimum ink for its high-speed business printers. The ink is pigment-based, and prints colours at a stunning 4800dpi resolution. What's more, it resists smudges from highlighter markers, to give you prints that last really long.



### Replace Ink Packs with Ease

Installing RIPS ink packs doesn't require technical expertise. So you can cut down on needless support calls.



#### Replaceable Ink Pack Systems (RIPS)

Laser



Ink packs vs toner cartridges to print 75,000 pages.

**Ink pack** × **4**

**Toner cartridge** × **52**

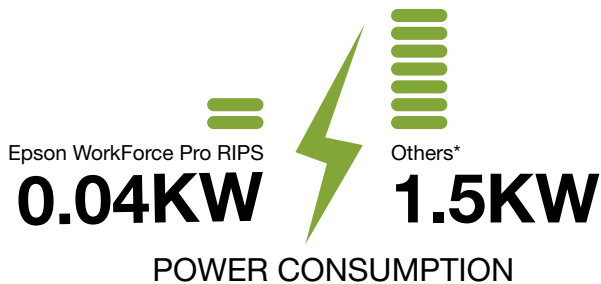
\*The number of toner cartridges used to print the same number of pages with Epson LP-M5300FZ colour laser MFP. Actual number of toner cartridges required varies by model.

Consumables	Page Yield*	Order Code
Black Ink Pack	75,000 pages	C13T846198
Cyan Ink Pack	} 75,000 pages (Composite Yield)	C13T846298
Magenta Ink Pack		C13T846398
Yellow Ink Pack		C13T846498
Maintenance Box		C13T671200
Pick Up Roller (Standard)		C13S990011
Pick Up Roller for optional cassettes		C13S990021
Options		Order Code
500-sheets Option Paper Cassette		C12C817061/C12C932541
Option Cabinet		C12C847261/C12C932551

\* In accordance with ISO 24711/24712. Actual yields may vary considerably depending on usage pattern, images printed, print settings, temperature and humidity. Yields may be lower when printing infrequently or predominantly with one ink colour. A variable amount of ink remains in the cartridges after the "replace cartridge" signal. Part of the ink from the first cartridges is used for priming the printer. Ink is used for both printing and printhead maintenance. All inks are used for both black and colour printing.

## Low Power Usage, More Productivity

Epson WorkForce Pro WF-8591 consume a radically low amount of power, especially when compared to laser printers, which use excessive power merely for the heating of toners.



\*Maximum power consumption of up to 1.5KW

## Robust Security Features

### Limited Access Function

Reduce risk of information leaks by limiting the access to functions for up to 10 user accounts.

### LDAP Address Book

Prevent information leaks by using the address book registered in the LDAP server to accurately select recipient E-mail addresses.

### Secured Printing with PIN Release

Print confidential documents by setting a PIN to specific print jobs, for release on the printer panel.

### IP Address Filter

Secure your documents by preventing unauthorised devices from connecting to the printer.

### Panel Admin Mode

Set a password to access and change administrator settings for the printer. This prevents unauthorised users from changing the printer settings.

## Efficient Print Job Management

A host of easy-to-use print management features enables convenient printing across work groups.

### Print Job Arranger Lite

This printing tool allows users to merge multiple print jobs and change print settings such as double-side printing, orientation, colour mode and multi-page layout up to 4-up. Users can also rearrange the page order of print jobs between applications.



### Print Job Interruption

With this feature, users can interrupt the print queue when there is an urgent print job. Interrupted print jobs are paused and can be resumed later, once the urgent tasks are completed. In addition, users can cancel the print job from the control panel even when the printer is in the process of printing.

### Page Recovery

Minimise downtime when a printer error occurs. The printer will automatically restart the printing once error is rectified.

## Connectivity Options

### Network Connectivity and Standalone Capability

Equipped with Ethernet, Wi-Fi, RJ-11 fax, Wi-Fi Direct\* and USB 2.0, the WF-R5691 is perfect for office environments. Wi-Fi Direct acts as an access point, allowing up to four devices to connect directly to the printer at a time. And with EpsonNet Config, you can easily change your network settings remotely.



\* Wi-Fi and Wi-Fi Direct cannot be used simultaneously.

### Epson Connect Enabled

Wirelessly print your documents from anywhere in the world with Epson Connect's wide range of features:

- **Epson iPrint** – Print from and scan directly to your smart device or online cloud storage services.
- **Epson Email Print** – Print to any Email Print-enabled Epson printer from any device or PC with email access.
- **Remote Print Driver** – Print to a compatible Epson printer anywhere in the world via the Internet using a PC with Remote Print driver or from mobile devices via the Epson iPrint app.
- **Scan to Cloud** – Share your scans through email or store them online in cloud storage services.

### Other mobile solutions:

- **Apple® AirPrint™**
- **Google Cloud Print™**

## Smoothen Operations, Improve Workflow



### Automatic Duplex Printing

Supports automatic duplex printing of up to 16 ipm for A4 and 11 ipm for A3, reducing paper wastage.



### 5" LCD Screen

Experience easy set-up and PC-less operation with a 5" colour touchscreen.



### USB Host Function

A USB port lets you can print, scan and save faxes directly to your memory devices.



### One-pass Duplex Scanner

Scan with impressive speed in both simplex and duplex. The dual CIS technology allows duplex scanning in a single pass.

<b>MODEL NUMBER</b>	<b>WF-R8591</b>
<b>Printing</b>	
Print Method	PrecisionCore™ Printhead
Nozzle Configuration	400 x 2 nozzles each colour (Black, Cyan, Magenta, Yellow)
Print Direction	Bi-directional printing, Uni-directional printing
Maximum Resolution	4,800 x 1,200dpi (with Variable-Sized Droplet Technology)
Minimum Ink Droplet Volume	3.7pl
Print Speed	
Max Draft Text, A4 <sup>1</sup> , (Black <sup>1</sup> / Colour <sup>2</sup> )	Simplex: Approx. 34ppm / 34ppm
ISO 24734, A4 (Black / Colour)	Simplex: Approx. 24ipm / 24ipm, Duplex: Approx. 16ipm / 16ipm
ISO 24734.2, A3 (Black / Colour)	Simplex: Approx. 13ipm / 13ipm, Duplex: Approx. 11ipm / 11ipm
First Page Out Time (Black / Colour)	Approx. 5sec / 7sec
Printer Language	ESC/P-R
Printer Control Language Emulations	PCL5C / PCL6 / PostScript <sup>3</sup> / PDF (ver1.7)
Maximum Monthly Duty Cycle	75,000 pages per month
Automatic 2-sided printing	Yes
<b>Copying</b>	
Copy Speed	
ISO 29183, A4, Flatbed (Black / Colour)	Approx. 22ipm / 21ipm
ISO 24735, A4, ADF (Black / Colour)	Simplex: Approx 22ipm / 21ipm, Duplex: Approx. 15ipm / 15ipm
Maximum Copies from Standalone	999 copies
Max Copy Resolution	600 x 600dpi
Reduction/Enlargement	25 - 400%, Auto Fit Function
Copy Paper Size (Flatbed)	10 x 15cm (4 x 6"), 13 x 18cm (5 x 7"), A5, 8 x 10", Letter, A4, Legal, A3, 11 x 17"
Maximum Copy Size	A3
<b>Scanning</b>	
Scanner Type	Flatbed colour image scanner
Sensor Type	CIS
Optical Resolution	1,200 x 2,400dpi
Maximum Scan Area	297.18 x 431.8mm (11.7 x 17")
Scanner Bit Depth	
Colour	30-bit input, 24-bit output
Grayscale	10-bit input, 8-bit output
Black & white	10-bit input, 1-bit output
Scan Features	Scan to Memory Device, Scan to Network Folder/FTP, Scan to Email, Scan to Computer (Document Capture Pro), Scan to Computer (WSD)
Scan Speed (A4 Landscape)	
Monochrome	200dpi
Colour	200dpi
<b>ADF Function</b>	
Support Paper Thickness	52-105g/m <sup>2</sup>
Paper Capacity	50 pages (80g/m <sup>2</sup> )
Automatic 2-sided Scan / Copy / Fax	Yes
<b>Fax Function</b>	
Type of Fax	Walk-up black-and-white and colour fax capability
Receive Memory / Page Memory	6 MB, Page memory Up to 550 pages (ITU-T No.1 chart)
Error Correction Mode	ITU Group <sup>3</sup> fax with Error Correction Mode.
Fax Speed (Data Transfer Rate)	Up to 33.6kbps, Approx. 3sec/page
Fax Resolution	
Black & White	Standard: 8pels/mm x 3.85lines/mm, Fine: 8pels/mm x 7.7lines/mm, Super Fine: 8pels/mm x 15.4lines/mm, Ultra Fine: 16pels/mm x 15.4lines/mm, Photo: 8pels/mm x 7.7lines/mm
Colour	Fine: 200 x 200dpi, Photo: 200 x 200dpi
Transmission Paper Size	
Flatbed	A5, Half Letter, B5, Letter, A4, Legal, B4, A3, 11 x 17"
ADF	A5, B5, Letter, A4, Legal, B4, A3, 11 x 17"
Receiving Paper Size	A5, Half Letter, B5, Letter, A4, Legal, B4, A3, 11 x 17"
Speed Dial / Group Dial	Up to 200 numbers, 199 groups
Fax Features	PC Fax (Transmission/Receive), Automatic Redial, Address Book, Delay Send, Transmit Reservation (200 cases), Broadcast Fax (Mono Only)
<b>Paper Handling</b>	
Paper Feed Method	Friction feed
Number of Paper Trays	4 (Front 2, Rear 1, Manual Feed 1)
Paper Hold Capacity	
Input Capacity	Up to 831 sheets (80g/m <sup>2</sup> ) (Cassette 1: 250 sheets + Cassette 2: 500 sheets + Rear Slot: 80 sheets + Front Manual Feed: 1 sheet)
Maximum Input Capacity	Up to 1,831 sheets (80g/m <sup>2</sup> ) (Cassette 1: 250 sheets + Cassette 2: 500 sheets + Rear Slot: 80 sheets + Front Manual Feed: 1 sheet + 2 x Optional Cassettes: 500 x 2 sheets)
Output Capacity	250 sheets
Paper Size	A3+, A3, A4, B5, A5, A6, 5 x 7", 4 x 6", Legal, Letter, Envelopes: #10, DL, C6, C4
Maximum Paper Size	A3+, 329 x 1200 mm (12.95 x 47.24")
<b>Printer Interface</b>	
USB	Hi-Speed USB 2.0
Network	Ethernet (1000BASE-T/10BASE-TX/10BASE-T), Wi-Fi (IEEE 802.11b/g/n), Wi-Fi Direct
Network Protocol	TCP/IPv4, TCP/IPv6
Network Printing Protocol	LPD, IPP, PORT9100, WSD
Network Management protocols	SNMP, HTTP, DHCP, BOOTP, APIPA, PING, DDNS, mDNS, SNMP, SLP, WSD, LLTD
Security Features	Limit Access Function, PIN No. Certification, LDAP Address Book, IP Address Filtering, Panel Admin Mode
<b>USB Host Function</b>	
Type of Direct Printing	Memory Devices
USB Host	USB Host (Scan to memory device / Storage function)
Direct Print Paper Size	9 x 13 cm (3.5 x 5"), A6, 10 x 15 cm (4 x 6"), 13 x 18 cm (5 x 7"), A5, B5(JIS), Letter, A4, Legal, A3, 11 x 17"
<b>Mobile and Remote Printing</b>	Epson iPrint, Epson Email Print, Remote Print Driver, Scan to Cloud, Apple AirPrint, Google Cloud Print
<b>Control Panel</b>	
LCD Screen	5.0" / 12.7cm TFT Colour LCD
<b>Printer Software</b>	
Operating System Compatibility	Windows XP / XP Professional x64 Edition / Vista / 7 / 8 / 8.1 Windows Server 2003 / 2008 / 2012 Only printing and scanning functions are supported for Windows Server OS Mac OS X 10.6.x / 10.7.x / 10.8.x / 10.9.x
<b>Electrical Specifications</b>	
Rated Voltage	100 - 240V Universal
Rated Frequency	50 - 60 Hz
Power Consumption	
Operating	40W
Standby	18W
Sleep	2.7W
Power off	0.4W
<b>Noise Level</b>	
PC Printing/ Premium Glossy	5.3 B(A), 40 dB(A)
Photo Paper Best Photo	
PC Printing/ Plain Paper Default <sup>2</sup>	6.5 B(A), 50 dB(A)

**Dimensions & Weight**

**WF-R8591**  
**Weight:** 53.8kg



**WF-R8591 with 2 x Optional Paper Cassettes & Cabinet**  
**Weight:** 95.4kg



<sup>1</sup> Print speed (Pages Per Minute) is calculated when printed on A4 plain paper in the fastest mode. Print speed may vary depending on system configuration, print mode, document complexity, software, type of paper used and connectivity. Print speed does not include processing time on host computer.



<sup>2</sup> Default mode in accordance with ISO7779 for MFPs.



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Information correct as at November 2016.

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