

# WorkForce® Pro WF-C5890

Print | Copy | Scan | Fax

PRECISIONCORE  
HEAT-FREE



## Color MFP built for reliability and powerful productivity.

**Lowest power consumption in its class<sup>1</sup>** — powered by PrecisionCore Heat-Free® technology, the next generation of inkjet printing technology

**Engineered for reliability** — recommended monthly print volume of 5,000 pages

**Powerful business productivity** — print speed of 25 ISO ppm (black/color)<sup>†</sup> with virtually no warmup time; fast first page out for quick and seamless printing

**Minimize your interventions** — Replaceable Ink Pack System lets you print up to 5,000 ISO pages with replacement ink packs<sup>2</sup>; 1,830-sheet capacity with three optional trays

**High performance and great value** — save up to 25 percent on replacement ink vs. color laser toner<sup>3</sup>

**Open-platform ready** — seamless integration with enterprise applications such as PaperCut® MF and other workflows; supports PCL<sup>4</sup> and PostScript®

**Enhance your workflow** — 50-page duplex Auto Document Feeder; auto 2-sided print, copy, scan and fax; intuitive 4.3" color touchscreen; fast scan speeds; Document Capture Pro software included

**Compatible with Epson® Solutions Suite** — including Epson Remote Services, Epson Device Admin and Epson Print Admin

**Pro-quality results to make your business look its best** — with DURABrite® Ultra Ink, achieve razor-sharp text and brilliant colors on a wide variety of media

**Enabled for remote printer data collection** — compatible with MPS software solutions from PrintFleet®, ECI FMAudit® and others

*Designed for use exclusively with Epson® ink packs.\**

Multifunction

Workgroup

## Print

**Printing Technology** PrecisionCore Heat-Free technology 4S printhead 4-color inkjet

**Printer Language(s)** Epson ESC/P-R, PCL 5 emulation<sup>4</sup>, PCL 6 emulation<sup>5</sup>, PostScript 3 emulation

**Maximum Print Resolution** 4800 x 1200 optimized dpi

**Print Speed<sup>6</sup>** 25 ISO ppm (black), 25 ISO ppm (color)

**First Page Out Time (FPOT)<sup>6</sup>** 5.3 sec

**First Set Out Time (FSOT)<sup>6</sup>** 14 sec

**Auto 2-Sided Print Speed<sup>6</sup>** 16 ISO ppm (black), 16 ISO ppm (color)

**Minimum Ink Droplet Size** As small as 3.8 picoliters

**Monthly Duty Cycle<sup>6</sup>** Monthly: up to 70,000 pages; Recommended monthly page volume: up to 5,000 pages

## Mobile Printing<sup>7</sup>

**Epson Connect™ Solutions** Epson Email Print, Epson iPrint™ app (iOS®, Android™) and Scan to Cloud<sup>8</sup>, Epson Remote Print<sup>9</sup>

**Other** Epson Smart Panel<sup>10</sup> app (iOS, Android), Apple® AirPrint<sup>®</sup>, Android printing, Mopria® Print Service

## Copy

**Copy Speed<sup>11</sup>** 22 ISO cpm (black), 22 ISO cpm (color)

**First Copy Out Time (FCOT)<sup>6</sup>** 7 sec

**Copy Quality** Color/Black-and-White: Standard/Best

**Copy Quantity** 1 – 999 (PC-free)

**Maximum Copy Size** 8.5" x 14"

**Copy Features** Auto 2-sided, Preview, Resize, ID Copy, Collate, Adjustable Copy Density, Remove Punched Holes, Remove Shadows, Bar Code Mode

## Scan

**Scanner Type** Color flatbed/Auto 2-sided ADF

**Photoelectric Device** CIS Sensor

**Scan Bed Size** 8.5" x 11"

**Optical Resolution** 1200 dpi

**Hardware Resolution** 1200 x 2400 dpi

**Maximum Resolution** 9600 dpi interpolated

**Scanner Bit Depth** 48-bit color input/24-bit color output

**Auto Document Feeder** 50 sheets (Legal 10)

**Scan Features** Scan to PC via Document Capture Pro, Scan to Cloud<sup>8</sup> (including email), Memory Device, Scan to Network Folder, Password Protected PDFs

**Scan File Formats** PDF, JPEG, TIFF, Multi-TIFF, BMP (Win), PNG

## Fax

**Black-and-White and Color Modem** 33.6 Kbps – as fast as 3 sec per page

**Memory** Up to 550 pages

**Speed Dials** 200 (max.)

**PC-Fax** Send/Receive

## Security

**Security Features** PIN number certification for job release, user control access, printer and network settings via Web Config using printer's IP address, SSL/TLS security, IPsec

## Connectivity

### Standard Connectivity

Hi-Speed USB

All images simulated.

<sup>1</sup>This product uses only genuine Epson-brand ink packs. Other brands of ink packs and ink supplies are not compatible and, even if described as compatible, may not function properly or at all.

<sup>2</sup>Black and color print speeds are measured in accordance with ISO/IEC 24734. Actual print times will vary based on factors including system configuration, software and page complexity. For more information, visit [www.epson.com/printspeed](http://www.epson.com/printspeed). <sup>3</sup>Compared to similarly featured color copy lasers with speeds of 30 ppm or less based on industry-available data as of March 2022. Actual power savings will vary by product model and usage. <sup>4</sup>Replacement ink pack yields are estimated based on ISO/IEC 24711 test in Default Mode printing continuously. Ink pack yields vary considerably for reasons including images printed, print settings, temperature and humidity. Yields may be lower when printing infrequently or predominantly with one ink color. All ink colors are used for printing and printer maintenance, and all colors have to be installed for printing. For print quality, part of the ink from the included ink packs is used for printer startup and a variable amount of ink remains in the ink pack after the "replace ink pack" signal. For details, see [www.epson.com/inkinfo](http://www.epson.com/inkinfo). <sup>5</sup>Actual savings will vary based on print tasks, print volumes and usage conditions. Savings comparison based on the purchase cost of replacement ink packs and the cost of enough color toner cartridges to achieve the total page yields of the ink packs using the manufacturers' online prices and yields for the highest-capacity toner cartridges for the best-selling similarly featured color laser printers with speeds of 30 ppm or less per industry-available data as of March 2022. <sup>6</sup>Not all media types are supported for PCL printing. <sup>7</sup>FPOT is measured on letter-size paper in accordance with ISO/IEC 17629. FSOT is measured on letter-size paper in accordance with ISO/IEC 24734. FCOT is measured on letter-size paper in accordance with ISO/IEC 29183. <sup>8</sup>Monthly duty cycle is the highest duty a user could expect in a month, based on near-constant operation of a device of this kind. It is not recommended that the device be run at this duty. For best device performance, run the device at the recommended monthly page volume. <sup>9</sup>Most features require an Internet connection to the printer, as well as an Internet- and/or email-enabled device. It is not recommended that the device be run at this duty. For best device performance, run the device at the recommended monthly page volume. <sup>10</sup>Scan to cloud requires an Internet connection, a free Epson Connect account and a destination email address or cloud storage account. For a list of supported cloud services, visit [www.epson.com/connect](http://www.epson.com/connect). <sup>11</sup>Wi-Fi CERTIFIED® level of performance subject to the range of the router being used. Wi-Fi Direct may require printer software. <sup>12</sup>Only printing is supported under Windows Server OS. <sup>13</sup>All some applications and/or functions may not be supported under Mac OS X and macOS. <sup>14</sup>Based on ENERGY STAR TEC measurement methodology; 288 prints/day; actual electricity consumption may vary depending on printer use. For more information, see [www.energystar.gov](http://www.energystar.gov). <sup>15</sup>RAM size definition is the total amount of RAM memory capacity inside the device, regardless of memory use. <sup>16</sup>Internet access is required to install Mac OS X and macOS drivers and software. <sup>17</sup>For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle). <sup>18</sup>SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency. <sup>19</sup>See individual service plan for details.

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## Connectivity (continued)

Wireless (802.11 b/g/n/a/ac), Wi-Fi®<sup>9</sup>

Wi-Fi Direct<sup>9</sup>

Wired Ethernet (1000Base-T/100Base-TX/10Base-T)

**Network Protocols** TCP/IP v4/v6

**Network Printing Protocols** IPP, LPD, Port 9100, WSD

**Network Management Protocols** SNMP, HTTP, DHCP, BOOTP, APIPA, DDNS, mDNS, SNTP, PING, SLP, WSD, LLTD

**WLAN Security** WEP 64-bit, WEP 128-bit, WPA2-PSK (TKIP/AES), WPA3-SAE (AES)

## Operating Systems

Windows® 11 (64-bit), Windows 10 (32-bit, 64-bit), Windows 8.1 (32-bit, 64-bit), Windows 8 (32-bit, 64-bit), Windows 7 (32-bit, 64-bit), Windows Vista® (32-bit, 64-bit), Windows XP SP3 (32-bit), Windows XP Professional x64 Edition SP2, Windows Server® 2022<sup>10</sup>, Windows Server 2019<sup>10</sup>, Windows Server 2016<sup>10</sup>, Windows Server 2012 R2<sup>10</sup>, Windows Server 2012<sup>10</sup>, Windows Server 2008 R2<sup>10</sup>, Windows Server 2008<sup>10</sup>, Windows Server 2003<sup>10</sup>

Mac® OS X® 10.9.5 – macOS® 12.x<sup>11</sup>

## Solutions

**Epson Solutions Suite** Epson Device Admin, Epson Print Admin, Epson Remote Services

**Open Platform** Compatible with third-party software

## Paper Handling

**PC-Free Paper Support** 4" x 6", 5" x 7", 8" x 10", A4, A5, A6, Legal, Letter, Executive, Half Letter, 8.5" x 13", Mexico Oficio, Oficio 9, #10 Envelope

**Maximum Paper Size** 8.5" x 236"

**Paper Sizes** 3.5" x 5", 4" x 6", 5" x 7", 8" x 10", 8.5" x 11", 8.5" x 14", A4, A5, A6, Half Letter, Executive, User-Definable (3.5" x 5" – 8.5" x 236"), Oficio 9, Mexico Oficio, 16.9 wide

**Paper Types** Plain paper, Epson Bright White Pro Paper, Epson Bright White Premium Paper, Epson Multipurpose Plus Paper, Epson Presentation Paper Matte, Epson Premium Presentation Paper Matte, Epson Premium Presentation Paper Matte Double-Sided, Epson Photo Paper Glossy, Epson Premium Photo Paper Glossy, Epson Ultra Premium Photo Paper Glossy, Epson Premium Photo Paper Semi-Gloss

**Envelope Types** No. 10

**Input Paper Capacity** 250 sheets plain paper (250 sheets plain paper x 1 tray); Rear Feed: 80 sheets (1,830 sheets total with three optional 500-sheet paper trays); 10 envelopes

## General

**Display** 4.3" color touchscreen

### Temperature

Operating: 50 °F to 95 °F (10 °C to 35 °C)

Storage: -4 °F to 104 °F (-20 °C to 40 °C)

### Relative Humidity

Operating: 20% – 80%

Storage: 5% – 85% (no condensation)

### Sound Level

Power: 6.4 dB(A)

Pressure: 52 dB(A)

**Rated Voltage** AC 100 V – 240 V Universal (Automatic)

**Rated Frequency** 50 Hz – 60 Hz

**Rated Current** 1.0 A – 0.6 A

## General (continued)

### Power Consumption

Standalone: Approx. 27 W (ISO 24712)

Standby: Approx. 11.7 W

Sleep: Approx. 1.2 W

Power Off: Approx. 0.2 W

**Typical Energy Consumption (TEC)<sup>12</sup>** 0.18 kWh

**Safety Approvals** Safety standards UL62368-1, CAN/CSA C22 No. 62368-1-14; EMC FCC Part 15 Subpart B Class B, CAN/CSA ICES-003 Class B

**Telecom Regulations** FCC Part 68 (U.S.A.), ISED/CS03 (Canada)

**Weight and Dimensions (W x D x H)**

Printing: 16.7" x 22.8" x 17.7"

Storage: 16.7" x 21.1" x 14.1"

Weight: 41.2 lb

**Memory<sup>13</sup>** 2048MB

## What's in the Box

WorkForce Pro WF-C5890 Multifunction Printer, manual, power cord, 4x DURABrite Ultra initial ink packs<sup>2</sup> (1x Black ink pack and 3x color ink packs: 1x Cyan, 1x Magenta, 1x Yellow)

**Software Available<sup>14</sup>** Epson printer driver, Document Capture Pro

**Warranty** Standard 2-year limited warranty in the U.S. and Canada

**Country of Origin** Indonesia

## Ink

**Ink Type** DURABrite Ultra pigment ink

**Ink Packs** 4x individual ink packs (1x Cyan, 1x Magenta, 1x Yellow and 1x Black)

**Replacement Ink Packs<sup>2</sup>** T10S Black, Cyan, Magenta, Yellow (Yield, ISO pages – Black: 3,000, Color: 3,000)

T10W Black, Cyan, Magenta, Yellow (Yield, ISO pages – Black: 5,000, Color: 5,000)

T10Y Black (Yield, ISO pages – Black: 10,000)

Printer is designed for use with Epson ink packs only, not third-party ink systems\*.

## Eco Features

Lowest power consumption in its class<sup>1</sup>

Save up to 50% of your paper supply with auto 2-sided printing/copying

ENERGY STAR® qualified

RoHS compliant

Recyclable product<sup>15</sup>

Epson America, Inc. is a SmartWay® Transport Partner<sup>16</sup>

## Ordering Information

WorkForce Pro WF-C5890

C11CK23201

Maintenance Box

C12C938211

Optional Input Tray

C12C937901

Paper Feed Roller for Cassette A

C12C938261

Paper Feed Roller for Cassette B

C12C938281

Low Optional Cabinet

C12CFM7066

Medium Optional Cabinet

C12CFM7067

Tall Optional Cabinet

C12CFM7068

## Epson Preferred™ Plus Extended Service Plans<sup>17</sup>

Year 2 Upgrade

EPPDSKD1U

1-Year Extension – Standard

EPPDSKD1R

1-Year Extension – Premium

EPPDSKD1A

## Contact:

