EPSON
EXCEED YOUR VISION

SPECIFICATION SHEET

Multifunction

Workgroup

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[1] — 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)† 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[2]; 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[3]

Open-platform ready — seamless integration with enterprise applications such as PaperCut® MF and other workflows; supports PCL[4] 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.*

EPSON®
EXCEED YOUR VISION

WorkForce® Pro WF-C5890

Multifunction | Workgroup

Print

Printing Technology PrecisionCore Heat-Free technology 4S printhead 4-color inkjet
Printer Language(s) Epson ESC/P-R, PCL 5 emulation[4], PCL 6 emulation[4], PostScript 3 emulation
Maximum Print Resolution 4800 x 1200 optimized dpi
Print Speed† 25 ISO ppm (black), 25 ISO ppm (color)
First Page Out Time (FPOT)[5] 5.3 sec
First Set Out Time (FSOT)[5] 14 sec
Auto 2-Sided Print Speed† 16 ISO ppm (black), 16 ISO ppm (color)
Minimum Ink Droplet Size As small as 3.8 picoliters
Monthly Duty Cycle[6] Monthly: up to 70,000 pages; Recommended monthly page volume: up to 5,000 pages

Mobile Printing[7]

Epson Connect™ Solutions Epson Email Print, Epson iPrint™ app (iOS®, Android™) and Scan to Cloud[8], Epson Remote Print™
Other Epson Smart Panel® app (iOS, Android), Apple® AirPrint®, Android printing, Mopria® Print Service

Copy

Copy Speed††† 22 ISO cpm (black), 22 ISO cpm (color)
First Copy Out Time (FCOT)[5] 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 11.7"
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[8] (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

Connectivity (continued)

Wireless (802.11 b/g/n/a/ac), Wi-Fi®[9]
Wi-Fi Direct[9]
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[10], Windows Server 2019[10], Windows Server 2016[10], Windows Server 2012 R2[10], Windows Server 2012[10], Windows Server 2008 R2[10], Windows Server 2008[10], Windows Server 2003 R2[10], Windows Server 2003[10]
Mac® OS X® 10.9.5 – macOS® 12.x[11]

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)[12] 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[13] 2048MB

What's in the Box

WorkForce Pro WF-C5890 Multifunction Printer, manual, power cord, 4x DURABrite Ultra initial ink packs[2] (1x Black Ink pack and 3x color ink packs: 1x Cyan, 1x Magenta, 1x Yellow)
Software Available[14] 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[2] 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[1]
Save up to 50% of your paper supply with auto 2-sided printing/copying
ENERGY STAR® qualified
RoHS compliant
Recyclable product[15]
Epson America, Inc. is a SmartWay® Transport Partner[16]

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[17]

Year 2 Upgrade	EPPDSKD1U
1-Year Extension – Standard	EPPDSKD1R
1-Year Extension – Premium	EPPDSKD1A

All images simulated.

*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.

† 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 | †† Black and color copy speeds are determined in accordance with ISO/IEC 29183. Actual copy times will vary based on factors including system configuration, and page complexity. For more information, visit www.epson.com/copyspeed | **1** Compared to similarly featured color laser printers 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. | **2** 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 | **3** 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. | **4** Not all media types are supported for PCL printing. | **5** 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. | **6** 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. | **7** Most features require an Internet connection to the printer, as well as an Internet- and/or email-enabled device. For a list of Epson Connect enabled printers and compatible devices and apps, visit www.epson.com/connect | **8** 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 | **9** Wi-Fi CERTIFIED™; level of performance subject to the range of the router being used. Wi-Fi Direct may require printer software. | **10** Only printing is supported under Windows Server OS. | **11** Some applications and/or functions may not be supported under Mac OS X and macOS. | **12** 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 | **13** RAM size definition is the total amount of RAM memory capacity inside the device, regardless of memory use. | **14** Internet access is required to install Mac OS X and macOS drivers and software. | **15** For convenient and reasonable recycling options, visit www.epson.com/recycle | **16** SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency. | **17** See individual service plan for details.

See the latest innovations from Epson Business Solutions at **www.epson.com/forbusiness**

Better Products for a Better Future℠
eco.epson.com

SmartWay Transport Partner
Getting There With Cleaner Air

ENERGY STAR

Epson America, Inc.
3131 Katella Ave., Los Alamitos, CA 90720

Epson Canada Limited
185 Renfrew Drive, Markham, Ontario L3R 6G3

www.epson.com
www.epson.ca

Contact:

Kemp's Office City
(219) 362-3624
WWW.KEMPSOFFICECITY.COM

Specifications and terms are subject to change without notice. EPSON, DURABrite, Epson ESC/P, Epson Smart Panel, PrecisionCore, PrecisionCore Heat-Free and WorkForce are registered trademarks, EPSON Exceed Your Vision is a registered logomark and Better Products for a Better Future, Epson Connect, Epson iPrint, Remote Print are trademarks of Seiko Epson Corporation. Epson Preferred is a service mark of Epson America, Inc. AirPrint, Apple, Mac, macOS and OS X are trademarks of Apple Inc., registered in the U.S. and other countries. Android is a trademark of Google LLC. Windows, Windows Server and Windows Vista are either registered trademarks or trademarks of Microsoft Corporation in the United States and other countries. Mopria® is a registered and/or unregistered trademark and service mark of Mopria Alliance, Inc. in the United States and other countries. SmartWay is a registered trademark of the U.S. Environmental Protection Agency. Wi-Fi® and Wi-Fi Direct® are registered trademarks and Wi-Fi CERTIFIED™ is a trademark of Wi-Fi Alliance®. All other product and brand names are trademarks and/or registered trademarks of their respective companies. Epson disclaims any and all rights in these marks. Copyright 2022 Epson America, Inc. Com-SS-Oct-13 CPD-62871R1 11/22