

# WorkForce® Pro WF-8090 A3 Printer

PRINT | ETHERNET | WIRELESS | PCL/PS

Powered by

**PRECISIONCORE®**



Printer

WorkForce Pro

## A heavy-duty A3 workgroup printer for increased productivity.

**Powered by PrecisionCore®** — the next generation of inkjet printing technology

**Versatile media handling** — prints up to 13" x 19"; up to 1830-sheet total paper capacity<sup>1</sup>; features auto duplexing and auto media size detection

**Fast print speeds** — 24 ISO ppm (black), 24 ISO ppm (color)<sup>†</sup>

**Built for the bottom line** — up to 40 percent lower printing costs vs. color lasers<sup>2</sup>

**Low intervention** — print up to 7000 color pages without changing cartridges<sup>3</sup>

**Duty cycle** — up to 75,000 pages monthly<sup>4</sup>

**Drivers and utilities** — Universal printer driver; PCL<sup>5</sup> and genuine Adobe® PostScript® 3™ support

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

**Built-in connectivity** — includes Ethernet, USB, wireless b/g/n<sup>6</sup> and Wi-Fi Direct<sup>6</sup>; easily print from tablets and smartphones<sup>7</sup>, including remote printing and access to Cloud

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

*Designed for use exclusively with Epson® cartridges\*.*



**Print**

**Printing Technology** PrecisionCore 4S printhead 4-color inkjet  
**Printer Language** Epson ESC/P<sup>®</sup>-R, PCL 5 emulation<sup>5</sup>, PCL 6 emulation<sup>5</sup>, PostScript 3  
**Maximum Print Resolution** 4800 x 1200 optimized dpi  
**ISO Print Speed<sup>†</sup>** Black 24 ISO ppm / Color 24 ISO ppm  
**Two-Sided ISO Print Speed<sup>†</sup>** Black 16 ISO ppm / Color 16 ISO ppm  
**Maximum Draft Print Speed<sup>††</sup>** Black 34 ppm / Color 34 ppm  
**Minimum Ink Droplet Size<sup>‡</sup>** 3 droplet sizes, as small as 3.7 picoliters  
**Duty Cycle<sup>†</sup>** Up to 75,000 pages (Recommended monthly page volume: up to 5000 pages)

**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 (compatible with USB 2.0 specification)  
 Wireless LAN IEEE 802.11 b/g/n<sup>6</sup>  
 Wired Ethernet (1000 Base-T/100 Base-TX/10 Base-T)  
 Wi-Fi Direct<sup>6</sup>  
**Network Protocols**  
 TCP/IP v4/v6  
**Network Printing Protocols**  
 IPP, LDP, Port 9100, WSD  
**Network Management Protocols**  
 SNMP, HTTP, DHCP, BOOTP, APIPA, DDNS, mDNS, SNT, Ping, SLIP, WSD, LLTD  
**WLAN Security**  
 WEP 64 Bit, WEP 128 Bit, WPA PSK (AES)  
**Operating Systems** Windows<sup>®</sup> 10, Windows 8.x (32-bit, 64-bit), Windows 7 (32-bit, 64-bit), Windows Vista<sup>®</sup> (32-bit, 64-bit), Windows XP SP3 (32-bit), Windows XP Professional x64 Edition, Windows Server<sup>®</sup> 2012 R2<sup>9</sup>, Windows Server 2012<sup>9</sup>, Windows Server 2008 R2<sup>9</sup>, Windows Server 2008<sup>9</sup>, Windows Server 2003 R2<sup>9</sup>, Windows Server 2003<sup>9</sup>, Mac OS<sup>®</sup> X 10.5.8 – 10.11.x<sup>9</sup>  
 Mac OS X Server<sup>9</sup>

**Mobile Printing**

**Epson Connect<sup>™™</sup>** Epson Email Print, Epson iPrint<sup>™</sup>  
 Mobile App, Epson Remote Print  
**Other** Apple<sup>®</sup> AirPrint<sup>™</sup>, Google Cloud Print<sup>™</sup>, Fire<sup>™</sup> OS

**Paper Handling**

**PC-free Paper Support** 3.5" x 5", 4" x 6", 5" x 7", Letter, Legal, 11" x 17", A3, A4, A5, A6, B5  
**Maximum Paper Size** 13" x 47.5"  
**Paper Sizes** 3.5" x 5", 4" x 6", 5" x 7", 8" x 10", 8.5" x 11", 8.5" x 14", A3, A4, A5, A6, B4, B5, half letter, executive, 11" x 17", 13" x 19", user definable (3.5" – 47.2" in length)  
**Paper Types** Plain paper, Epson Bright White 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, Epson Ultra Premium Photo Paper Luster  
**Envelope Types** No. 10; plain paper, bond paper, air mail  
**Input Paper Capacity**  
 250 sheets plain paper (250 sheets plain paper x 1 tray)  
 Rear feed: 80 sheets  
 (1830 sheets total with three optional 500-sheet paper trays)  
 10 envelopes

**General**

**Display** 2.2" mono LCD  
**Temperature**  
 Operating: 50 ° to 95 °F (10 ° to 35 °C)  
 Storage: -4 ° to 104 °F (-20 ° to 40 °C)  
**Relative Humidity**  
 Operating: 20 – 80%  
 Storage: 5 – 85% (no condensation)  
**Sound Level**  
 Power 6.8 dB(A)  
 Pressure 53 dB(A)  
**Rated Voltage** AC 100 – 240V Universal (Automatic)  
**Rated Frequency** 50 – 60 Hz  
**Rated Current** 1.0A – 0.5A  
**Power Consumption**  
 Approx. 37 W ISO 24712  
 Approx. 8.1 W (Standby)  
 Approx. 2.1 W (Sleep)  
 Approx. 0.4 W (Power off) ENERGY STAR<sup>®</sup> qualified  
**Typical Energy Consumption (TEC)<sup>10</sup>**  
 0.505 kWh  
**Safety Approvals**  
 Safety standards UL60950, CSA C22.2 No. 60950  
 EMI FCC Part 15 subpart B class B,  
 CAN/CSA-CEI/IEC CISPR 22 class B

**General (continued)**

**Country of Origin** Indonesia  
**Weight and Dimensions (W x D x H)**  
 Printing: 22.3" x 35.5" x 22.1"  
 Storage: 22.3" x 22.4" x 14.9"  
 Weight: 57.1 lb  
**What's in the Box** Epson WorkForce Pro WF-8090 printer, power cord, DURABrite<sup>®</sup> Pro Ink cartridges<sup>11</sup> – Four 748 series ink cartridges: Black, Cyan, Magenta, Yellow  
**Software Included<sup>12</sup>** Epson printer driver, PCL 5 driver emulation<sup>5</sup>, PCL 6 driver emulation<sup>5</sup>, PostScript 3  
**Warranty** One-year limited warranty in the U.S. and Canada

**Ink**

**Ink Type** DURABrite Pro pigment ink (smudge, fade and water resistant)  
**Ink Palette** Cyan, Magenta, Yellow and Black  
**Ink Cartridge Configuration** Four individual ink cartridges  
**Fade Resistance / Print Longevity<sup>13</sup>** Up to 118 years  
**Replacement Ink Cartridges<sup>11</sup>**  
 748 Standard-capacity Black, Cyan, Magenta, Yellow (yield, ISO pages – Black: 2500, Color: 1500)  
 748XL High-capacity Black, Cyan, Magenta, Yellow (yield, ISO pages – Black: 5000, Color: 4000)  
 748XXXL Extra High-capacity Black, Cyan, Magenta, Yellow (yield, ISO pages – Black: 10,000, Color: 7000)

Printer is designed for use with Epson cartridges only, not third-party cartridges or ink. [www.epson.com/cartridge/return](http://www.epson.com/cartridge/return)

**Eco Features**

Uses up to 70% less power than laser printers<sup>14</sup>  
 Save up to 50% of your paper supply with auto 2-sided printing ENERGY STAR qualified  
 RoHS compliant  
 Recyclable product<sup>15</sup>  
 Epson America, Inc. is a SmartWay<sup>SM</sup> Transport Partner<sup>16</sup>

**Ordering Information**

WorkForce Pro WF-8090	C11CD43201
Optional 500-sheet paper cassette	C12C817061
Optional cabinet	C12C847261
Maintenance box	T671200

\*This product uses only genuine Epson-brand cartridges. Other brands of ink cartridges and ink supplies are not compatible and, even if described as compatible, may not function properly.

† Black and color print speeds are measured in accordance with ISO/IEC 24734. Actual print times will vary based on system configuration, software, and page complexity. For more information, visit [www.epson.com/printspeed](http://www.epson.com/printspeed) | †† Maximum print speeds are measured with text patterns in Draft Mode on plain paper. Actual print times will vary based on system configuration, software, and page complexity. | † With optional paper trays. | ‡ Compared with A3 color laser printers priced at \$1999 (USD) or less as of November 2014. Calculation based on continuous printing with highest-capacity cartridges. Actual savings will vary based on print task and use conditions. | ‡ 748XXXL Black cartridge prints about 10,000 ISO pages. 748XXXL color cartridges print about 7000 ISO pages on average. Actual number of pages will vary. | ‡ Monthly duty cycle up to 75,000 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 duty of 5000 pages per month. | ‡ Not all media types are supported for PCL printing. | ‡ Wi-Fi CERTIFIED<sup>™™</sup>; level of performance subject to the range of the router being used. Wi-Fi Direct may require printer software. | ‡ 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](http://www.epson.com/connect) | ‡ Only printing is supported under Windows Server OS. | ‡ Some applications and/or functions may not be supported under Mac OS X. | ‡ Based on ENERGY STAR TEC measurement methodology; 2885 prints/day; actual electricity consumption may vary depending on printer use. For more information, see [www.energystar.gov](http://www.energystar.gov) | ‡ Replacement cartridge yields are based on ISO/IEC 24711 tests in Default Mode printing continuously. Cartridge 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 cartridges is used for printer startup and a variable amount of ink remains in the cartridges after the "replace cartridge" signal. For details, see [www.epson.com/cartridgeinfo](http://www.epson.com/cartridgeinfo) | ‡ Internet access is required to install OS X<sup>®</sup> drivers and software. | ‡ Display permanence based on accelerated testing of prints displayed under glass in indoor display conditions; album permanence based on accelerated testing of prints in dark storage conditions. Actual print stability will vary according to media, printed image, display conditions, light intensity, temperature, humidity and atmospheric conditions. Epson does not guarantee the longevity of prints. For maximum print life, display all prints under glass or UV filter or properly store them. | ‡ Compared to best-selling single and multifunction color laser printers priced at \$1999 (USD) or less as of November 2014. Actual power savings will vary by product model and usage. | ‡ For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) | ‡ SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

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