

# WorkForce<sup>®</sup> Pro WF-5690

WIRELESS | PRINT | COPY | SCAN | FAX | ETHERNET | PCL/PS

Multifunction  
WorkForce Pro



Powered by  
**PRECISIONCORE**<sup>™</sup>

## A powerful multifunction printer that drives productivity for workgroups.

**Get Performance Beyond Laser<sup>™</sup>** — the WorkForce Pro WF-5690, powered by PrecisionCore<sup>™</sup>

**Cost savings** — up to 50 percent lower printing cost vs. color laser<sup>1</sup>

**Heavy-duty, reliable performance** — 45,000-page monthly duty cycle; up to 2500 pages recommended monthly for high-volume printing<sup>2</sup>

**Fast output** — prints at speeds of 20 ISO ppm (black) and 20 ISO ppm (color)<sup>†</sup>

**Outstanding support** — best-in-class three-year limited warranty with advance exchange

**Professional-quality results** — laser-sharp text and brilliant colors on a wide variety of media

**Do more** — 35-page duplex Auto Document Feeder; auto 2-sided print, copy, scan and fax; Document Capture Pro software included

**Low intervention** — print or copy up to 4000 black and color pages without changing the cartridge<sup>3</sup>; up to 580 sheets total paper capacity with optional second paper tray

**Easy networking and administration** — network setup and security features for wired and wireless<sup>4</sup> connections; supports PCL<sup>5</sup> and PostScript<sup>®</sup> 3

**Intuitive navigation and control** — 4.3" color touchscreen



**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 20 ISO ppm / Color 20 ISO ppm  
**Two-Sided ISO Print Speed<sup>†</sup>** Black 11 ISO ppm / Color 11 ISO ppm  
**Minimum Ink Droplet Size** 3 droplet sizes, as small as 2.8 picoliters  
**Duty Cycle<sup>‡</sup>** Up to 45,000 pages (Recommended monthly page volume: up to 2500 pages)

**Copy**

**ISO Copy Speed<sup>††</sup>** Black 19 ISO cpm / Color 19 ISO cpm  
**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

**Scan**

**Scanner Type** Color flatbed/Auto 2-sided ADF  
**Photoelectric Device** Color CIS line sensor  
**Optical Resolution** 2400 dpi  
**Hardware Resolution** 1200 x 2400 dpi  
**Maximum Resolution** 9600 x 9600 dpi interpolated  
**Scanner Bit Depth** 48-bit color / 24-bit output  
**Scan Features** Scan to PC via Document Capture Pro, Scan to Cloud<sup>¶</sup> (including email), Memory Device, Password Protected PDFs

**Fax**

**Fax Specifications**  
 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

**Connectivity**

**Standard Connectivity**  
 Hi-Speed USB (compatible with USB 2.0 specification)  
 Wireless LAN IEEE (802.11 b/g/n)<sup>4</sup>  
 Wired Ethernet (1000 Base-T/100 Base-TX/10 Base-T)  
 Wi-Fi Direct<sup>¶4</sup>

**Connectivity (continued)**

**Network Printing Protocols**  
 IPP, LDP, Port 9100, WSD  
**Network Management Protocols**  
 SNMP, HTTP, DHCP, BOOTP, APIPA, DDNS, mDNS, SNT, Ping, SLP, WSD, LLTD  
**WLAN Security**  
 WEP 64 Bit, WEP 128 Bit, WPA PSK (AES)  
**Operating Systems** Windows<sup>®</sup> 8.x (32-bit, 64-bit), Windows 7 (32-bit, 64-bit), Windows Vista<sup>®</sup> (32-bit, 64-bit), Windows XP<sup>®</sup> SP3 (32-bit), Windows XP Professional x64 Edition, Windows Server<sup>®</sup> 2012 R2<sup>7</sup>, Windows Server 2012<sup>7</sup>, Windows Server 2008 R2<sup>7</sup>, Windows Server 2008<sup>7</sup>, Windows Server 2003 R2<sup>7</sup>, Windows Server 2003<sup>7</sup>, Mac OS<sup>®</sup>X 10.5.8 – 10.9.x<sup>8</sup>, Mac OS X Server<sup>8</sup>

**Mobile Printing**

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

**Paper Handling**

**PC-free Paper Support** Plain (Letter, A4), Photo (Letter, A4, 8" x 10", 5" x 7", 4" x 6")  
**Maximum Paper Size** 8.5" x 47.2"  
**Paper Sizes** 3.5" x 5", 4" x 6", 5" x 7", 8" x 10", 8.5" x 11", A4, A6, half letter, executive, 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 Premium Photo Paper Glossy, Epson Ultra Premium Photo Paper Glossy, Epson Premium Photo Paper Semi-gloss  
**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  
 (580 sheets total with optional 250-sheet paper tray)  
 10 envelopes  
 Auto Document Feeder: 35 sheets

**General**

**Display** 4.3" color touchscreen  
**Temperature**  
 Operating: 50 ° to 95 °F (10 ° to 35 °C)  
 Storage: -4 ° to 104 °F (-20 ° to 40 °C)  
**Relative Humidity**  
 Operating: 20 – 80% RH  
 Storage: 5 – 85% RH (no condensation)  
**Sound Level**  
 Power 5.3 dB(A)  
 Pressure 52 dB(A)  
**Rated Voltage** AC 100-240V Universal (Automatic)

**General (continued)**

**Rated Frequency** 50 – 60 Hz  
**Rated Current** 0.8A – 0.4A  
**Power Consumption**  
 Approx. 22 W ISO 24712 (Standalone copy printing)  
 Approx. 8.9 W (Standby)  
 Approx. 2.6 W (Sleep)  
 Approx. 0.3 W (Power off) ENERGY STAR<sup>®</sup> qualified  
**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  
**Telecom Regulations** FCC Part 68 (U.S.A.), IC/CS03 (Canada)  
**Country of Origin** Indonesia  
**Weight and Dimensions (W x D x H)**  
 Printing: 18.1" x 25.8" x 15.1"  
 Storage: 18.1" x 16.6" x 13.5"  
 Weight: 31.5 lb

**What's in the Box** Epson WorkForce Pro WF-5690 multifunction printer, manual, CD-ROM for product setup, power cord, DURABrite<sup>®</sup> Ultra Ink cartridges<sup>10</sup> – Four 786 series ink cartridges: Black, Cyan, Magenta, Yellow

**Software Included<sup>11</sup>** Epson printer driver, PCL 5 driver emulation<sup>2</sup>, PCL 6 driver emulation<sup>2</sup>, PostScript 3, Document Capture Pro

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

**Ink**

**Ink Type** DURABrite Ultra 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>12</sup>** Up to 118 years

**Replacement Ink Cartridges<sup>10</sup>**

786 Standard capacity Black, Cyan, Magenta, Yellow  
 786XL High-capacity Black, Cyan, Magenta, Yellow  
 788XXL Extra High-capacity Black, Cyan, Magenta, Yellow

**Eco Features**

Uses up to 70% less power than laser printers<sup>13</sup>  
 Save up to 50% of your paper supply with auto 2-sided printing  
 ENERGY STAR qualified  
 RoHS compliant  
 Recyclable product<sup>14</sup>  
 Epson America, Inc. is a SmartWay<sup>SM</sup> Transport Partner<sup>15</sup>

**Ordering Information**

Product Name	Product Code
WorkForce Pro WF-5690	C11CD14201
Optional 250-sheet paper cassette	C12C817011

† 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) | †† Black and color copy speeds (cpm) are determined in default, single-side mode, in accordance with ISO/IEC 29183. Actual copy times will vary based on system configuration and page complexity. See [www.epson.com/copyspeed](http://www.epson.com/copyspeed) for details. | 1 Compared with best-selling color laser printers priced at \$699 (USD) or less, based on NPJ data, March 2013 – February 2014. Calculation based on continuous printing with highest-capacity cartridges. Actual savings will vary based on print task and use conditions. | 2 Monthly duty cycle up to 45,000 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 2500 pages per month. | 3 788XXL Black cartridge prints about 4000 ISO pages. 788XXL color cartridges print about 4000 ISO pages on average. Actual number of pages will vary. | 4 Wi-Fi CERTIFIED<sup>™</sup>: level of performance subject to the range of the router being used. Wi-Fi Direct may require printer software. | 5 Not all media types are supported for PCL printing. | 6 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) | 7 Only printing and scanning are supported under Windows Server OS. | 8 Some applications and/or functions may not be supported under Mac OS X. | 9 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) | 10 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 all-in-one 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) | 11 Internet access is required to install OS X drivers and software. | 12 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. | 13 Compared to best-selling color single and multifunction laser printers priced at \$699 (USD) or less as of December 2013. Actual power savings will vary by product model and usage. | 14 For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) | 15 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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[eco.epson.com](http://eco.epson.com)



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