

# WorkForce<sup>®</sup> Pro WF-R5690 with Replaceable Ink Pack System

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

Multifunction

Workgroup



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

**Powered by PrecisionCore<sup>®</sup>** — the next generation of inkjet printing technology

**Low intervention** — Replaceable Ink Pack System lets you print up to 50,000 ISO pages without changing the ink packs<sup>1</sup>; up to 580-sheet total paper capacity with optional second paper tray

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

**Do more** — 35-page duplex Auto Document Feeder; auto duplexing (print, copy, scan, fax); Document Capture Pro software included

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

**Duty cycle** — up to 45,000-page monthly duty cycle<sup>2</sup>

**Drivers and utilities** — Universal printer driver; PCL<sup>3</sup> and genuine Adobe<sup>®</sup> PostScript<sup>®</sup> 3<sup>™</sup> 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>4</sup> and Wi-Fi Direct<sup>®4</sup>; easily print from tablets and smartphones<sup>5</sup>, including remote printing and access to Cloud

**Enabled for remote printer data collection** — compatible with MPS software solutions from PrintFleet<sup>®</sup>, ECI (FMAudit<sup>®</sup>), Print Audit and others

*Designed for use exclusively with Epson<sup>®</sup> ink packs\*.*



**Print**

**Printing Technology** PrecisionCore 4S printhead 4-color inkjet  
**Printer Language** Epson ESC/P<sup>®</sup>-R, PCL 5 emulation<sup>3</sup>, PCL 6 emulation<sup>3</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  
**Maximum Draft Print Speed<sup>††</sup>** Black 34 ppm / Color 34 ppm  
**Minimum Ink Droplet Size** 3 droplet sizes, as small as 2.8 picoliters  
**Duty Cycle<sup>2</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** ColorCIS line sensor  
**Scanned Size** 8.5" x 14"  
**Optical Resolution** 1200 dpi  
**Hardware Resolution** 1200 x 2400 dpi  
**Maximum Resolution** 9600 x 9600 dpi interpolated  
**Scanner Bit Depth** 48-bit color input / 24-bit color output  
**Scan Features** Scan to PC via Document Capture Pro, Scan to Cloud<sup>®</sup> (including email), Memory Device, Password Protected PDFs

**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

**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>4</sup>  
 Wired Ethernet (1000 Base-T/100 Base-TX/10 Base-T)  
 Wi-Fi Direct<sup>4</sup>  
**Network Protocols**  
 TCP/IP v4/v6

**Connectivity (continued)**

**Network Printing Protocols**  
 IPP, LDP, 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, WPA PSK (AES)  
**Operating Systems** Windows<sup>®</sup> 10 (32-bit, 64-bit), Windows 8 (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>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 – 10.11.x<sup>8</sup>  
 Mac OS X Server<sup>8</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** 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", 8.5" x 14", 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**  
 500 sheets plain paper (250 sheets plain paper x 2 trays)  
 Rear feed: 80 sheets  
 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%  
 Storage: 5 – 85% (no condensation)  
**Sound Level**  
 Power: 5.3 dB(A)  
 Pressure: 52 dB(A)  
**Rated Voltage** AC 100 – 240 V Universal (Automatic)  
**Rated Frequency** 50 – 60 Hz

**General (continued)**

**Rated Current** 0.8 A – 0.4 A  
**Power Consumption**  
 Approx. 22 W ISO 24712 (Standalone copy printing)  
 Approx. 9.6 W (Standby)  
 Approx. 3.0 W (Sleep)  
 Approx. 0.4 W (Power off) ENERGY STAR<sup>®</sup> qualified  
**Typical Energy Consumption (TEC)<sup>9</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  
**Telecom Regulations** FCC Part 68 (U.S.A.), IC/CS03 (Canada)  
**Country of Origin** Indonesia  
**Weight and Dimensions (W x D x H)**  
 Printing: 26.1" x 25.8" x 20.2"  
 Storage: 26.1" x 17.1" x 18.6"  
 Weight: 52.5 lb  
**What's in the Box** Epson WorkForce Pro WF-R5690 multifunction printer, CD-ROM for product setup, power cord, DURABrite<sup>®</sup> Ultra Ink packs<sup>1</sup> – Four R14X ink packs: Black, Cyan, Magenta, Yellow  
**Software Included<sup>10</sup>** Epson printer driver, PCL 5 driver emulation<sup>3</sup>, PCL 6 driver emulation<sup>3</sup>, PostScript 3, Document Capture Pro  
**Warranty** One-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 Pack Configuration** Four individual ink packs  
**Fade Resistance / Print Longevity<sup>11</sup>** Up to 118 years  
**Replacement Ink Packs<sup>1</sup>**  
 R14X Black, Cyan, Magenta, Yellow  
 (Yield, ISO pages – Black: 50,000, Color: 50,000)  
 R12X Black, Cyan, Magenta, Yellow  
 (Yield, ISO pages – Black: 20,000, Color: 20,000)  
 R12 Black, Cyan, Magenta, Yellow  
 (Yield, ISO pages – Black: 10,000, Color: 10,000)  
 Printer is designed for use with Epson ink packs only, not third-party ink systems\*.

**Eco Features**

Save up to 50% of your paper supply with auto 2-sided printing/copying  
 ENERGY STAR qualified  
 RoHS compliant  
 Recyclable product<sup>12</sup>  
 Epson America, Inc. is a SmartWay<sup>®</sup> Transport Partner<sup>13</sup>

**Ordering Information**

WorkForce Pro WF-R5690 C11CE27201  
 Maintenance box 76710

\*This product uses only genuine Epson-brand ink packs. Other brands of 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 pages per minute (PPM) are measured after first page with text patterns in Draft Mode on plain paper. Actual print times will vary based on system configuration, software, and page complexity. | ††† Black and color copy speeds are determined in accordance with ISO/IEC 29183. Actual copy times will vary based on system configuration and page complexity. For more information, visit [www.epson.com/copyspeed](http://www.epson.com/copyspeed) | 1 Ink pack yields are estimated based on ISO/IEC 24711 test in Default Mode printing continuously. Ink pack yields vary considerably for reasons including printed images, 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/cartridgeinfo](http://www.epson.com/cartridgeinfo) | 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 Not all media types are supported for PCL printing. | 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 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) | 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 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) | 10 Internet access is required to install OS X drivers and software. | 11 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. | 12 For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) | 13 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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