WorkForce Pro WF-C5790
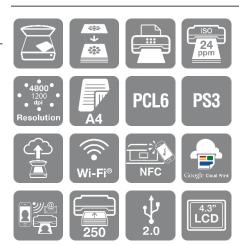
Reduce your business printing costs and environmental impact, all while increasing productivity with less intervention and enhanced security.

This small workgroup multifunction device is perfect for the business environment, from small offices to large corporates who may have traditionally used lasers and want to cut costs, increase productivity and reduce downtime. This is while also cutting their business' environmental impact and improving their CSR reputation.

Save money
It can help businesses save at least 50% on their colour CPP (cost per page) versus comparable laser models[1]. Designed for workgroups, your business can avoid the hidden employee productivity costs associated with centralised printing. Further lower costs by changing consumables less with its innovative ink supply system.

High productivity and low intervention
Delivering the Fastest First Page Out Time (FPOT) in its segment for both colour (5.3 seconds) and mono (4.8 seconds) prints against comparable lasers, it also has the fastest colour scan speed in the segment at 24ipm[2]. Print up to 10,000 pages in monochrome and 5,000 in colour without changing supplies.

Reduce your impact
Benefit from low-power consumption without compromising on an ultra-sharp output, with at least 70% less energy used than comparable laser models[2].

Built for business
A range of software and tools provide secure print options, efficient scanning and help manage devices remotely. NFC and wireless connectivity also supports printing from mobile devices. And with its smartphone inspired user interface and touchscreen, it's intuitive to operate.

KEY FEATURES

- **Large ink yield in its segment**
  Print up to 10,000 pages

- **Ecological**
  Uses up to 70 percent less power than competitive colour lasers[2]

- **Save money**
  Save at least 50% on colour CPP (cost per page) versus comparable laser models[1]

- **Save time**
  Automatic double-sided printing, scanning, copying and faxing

- **Built for business**
  Added functionality with software tools such as Epson Open Platform

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PRODUCT SPECIFICATIONS

TECHNOLOGY

Printing Method	PrecisionCore™ Print Head
Nozzle Configuration	800 Nozzles black, 800 Nozzles per colour
Minimum Droplet Size	3.8 pl, With Variable-Sized Droplet Technology
Ink Technology	DURABrite™ Ultra
Application	Office Workgroup
All-in-One Functions	Print, Scan, Copy, Fax

PRINT

First Page Out	Monochrome 4.8 Seconds, Colour 5.3 Seconds
Printing Speed ISO/IEC 24734	24 pages/min Monochrome, 24 pages/min Colour
Duplex Printing Speed ISO/IEC 24734	15 A4 pages/min Monochrome, 15 A4 pages/min Colour
Maximum Printing Speed	34 pages/min Monochrome (plain paper), 34 pages/min Colour (plain paper)
Printing Resolution	4,800 x 1,200 dpi
Max Duty cycle	45,000 pages per month
	The maximum number of printed pages per month based on the performance capabilities of the printer, including ISO rated print speeds and paper handling capabilities.
Recommended Duty Cycle	250 - 2,500 pages per month
Colours	Black, Cyan, Yellow, Magenta

SCAN

Scanning Speed (new)	24 ipm (Monochrome, Single-sided, 200 dpi, ADF); 24 ipm (Colour, Single-sided, 200 dpi, ADF); 8 ipm (Monochrome, Double-sided, 200 dpi, ADF); 8 ipm (Colour, Double-sided, 200 dpi, ADF); 5 sec/page (Monochrome, 200 dpi, Flatbed); 5 sec/page (Colour, 200 dpi, Flatbed);
Scanning Resolution	1,200 dpi x 2,400 dpi (Horizontal x Vertical)
Optical Resolution (ADF)	1,200 dpi (Horizontal x Vertical)
Advanced document integration	E-mail, FTP, Network folders, Computer (Epson Document Capture Pro), USB Memory Device
Output formats	JPEG, TIFF, PDF
Scanner type	Contact image sensor (CIS)

FAX

Type of fax	Walk-up black and white and colour fax capability
Fax Transmission Speed	Up to 33.6kbps / Approx. 3 sec/page
Fax speed dials (max)	200 names and numbers
Page memory	Up to 550 pages/ 6MB (ITU-T No. 1 chart)
Fax Functions	PC Fax, Fax to E-mail, Fax to Folder, Address Book, Delay Send, Broadcast Fax

COPY

Copy Speed	up to 22 ipm Black, up to 22 ipm Colour *Simplex ADF 600 x 600 dpi (ISO/ IEC 24735)
Copy resolution (dpi)	600 x 1200
Reduction / Enlargement	25 % - 400 %
Maximum number of copies	999

WHAT'S IN THE BOX

- Individual Ink Pack
- Power cable
- Driver and utilities (CD)
- Setup guide
- User manual (CD)

PRODUCT SPECIFICATIONS

CONNECTIVITY

Network Printing Protocols	LPR, FTP, IPP, LPD, Port 9100, WSD, Net BIOS over TCP/IP, WSD-Print, Bonjour/Airprint
Network Management Protocols	HTTP, DHCP, BOOTP, APIPA, DDNS, mDNS, SNTP, SLP, WSD, LLTD, SMTP, POP3, IEEE 802.1X, ARP, GARP, ICMP, IGMP, DCHP, HTTPS, XMPP, LDAP, LDAPS, SNMP 1.0, SNMP 2.0c, SNMP 3.0, SNMP Trap
Network Scanning Protocols	NetBIOS over TCP/IP, WSD-Scan, Bonjour/Airprint, FTP
Interfaces	Wireless LAN IEEE 802.11b/g/n, Wi-Fi Direct, USB 1.1 Type A (2x), Hi-Speed USB - compatible with USB 2.0 specification, Ethernet Interface (1000 Base-T/ 100-Base TX/ 10-Base-T), Near Field Communication (NFC)
WLAN Security	WEP 64 Bit, WEP 128 Bit, WPA PSK (AES), WPA2 PSK (AES)
Network Protocols	TCP/IPv4, TCP/IPv6, TCP, HTTP, IPv4, IPv6, IPSEC, SSL/TLS

PAPER / MEDIA HANDLING

Paper Formats	C4 (Envelope), Legal, A6, A5, B5, Letter, 9 x 13 cm, 10 x 15 cm, 13 x 18 cm, A4, B6, C5 (Envelope), No. 10 (Envelope), User defined, C6 (Envelope), DL (Envelope)
Automatic Document Feeder	50 pages
Compatible Paper Weight	64 g/m² - 256 g/m²
Duplex	Yes
Standard Paper input	330 Sheets Standard, 80 Sheets MP tray, 250 Sheets paper tray
Output Tray Capacity	150 Sheets
Standard paper tray(s)	80-Sheet Multi-Purpose Tray, 250-sheet paper tray
Optional paper tray(s)	500-Sheet paper tray
Maximum paper input	830
Rear paper path (special media)	Yes

PAPER FEED RASF

Paper Input Name	RASF
Paper Formats	A4, A5, A6, C4 (Envelope), DL (Envelope), Letter, Postcard, User defined, Legal
Custom sizes	Min 64x 127 mm to Max 216x 60,000 mm
Compatible paper weight	64 g/m² - 256 g/m²
Paper Capacity 1	80 Sheets of Plain Paper, Postcards, Glossy paper, Envelopes, Labels, 80gsm
Media type	Plain Paper, Recycled Paper, Colour Paper, Letterhead, Glossy Photo Paper

PAPER FEED C1

Paper Input Name	C1
Paper Formats	A4, A5, A6, Letter
Custom sizes	Min 89x 127 mm to Max 216x 356 mm
Compatible paper weight	64 g/m² - 160 g/m²
Paper Capacity 1	250 Sheets of Plain Paper, Envelopes, 80gsm
Media type	Plain Paper, Recycled Paper, Colour Paper, Letterhead

PAPER FEED C2

Paper Input Name	C2
Paper Formats	A4, Letter
Custom sizes	Min 100x 148 mm to Max 216x 356 mm
Compatible paper weight	64 g/m² - 160 g/m²
Paper Capacity 1	500 Sheets of Plain Paper, 80gsm
Media type	Plain Paper, Recycled Paper, Colour Paper, Letterhead

PAPER FEED DUPLEX

Paper Input Name	Duplex
Paper Formats	A4, A5, A6, B5, B6, Letter, HLT, Legal, Executive
Custom sizes	Min 148x 210 mm to Max 216x 297 mm
Compatible paper weight	64 g/m² - 160 g/m²
Media type	Plain Paper, Recycled Paper, Colour Paper, Letterhead

PRODUCT SPECIFICATIONS

GENERAL

Energy Use	25 W (standalone copying, ISO/IEC 24712 pattern), 1.5 W (sleep mode), 12 W (Ready), 0.2 W (Power off), ENERGY STAR® qualified, TEC 0.2 kWh/week
Supply Voltage	AC 220 V - 240 V, 50 Hz - 60 Hz
Product dimensions	425 x 535 x 357 mm (Width x Depth x Height)
Product weight	18.7 kg
Compatible Operating Systems	Citrix XenApp 7.6 and above, Citrix XenDesktop Version 7.6, Linux, Mac OS 10.10.x, Mac OS 10.7.x, Mac OS 10.8.x, Mac OS 10.9.x, Mac OS X, Mac OS X 10.11.x, Mac OS X 10.12, Mac OS X 10.12.x, Mac OS X 10.6.8, Microsoft Windows Vista (32/64 bit), SAP, Windows 10, Windows 7, Windows 7 x64, Windows 8, Windows 8 (32/64 bit), Windows 8.1, Windows Server 2003 R2 x64, Windows Server 2008 (32/64bit), Windows Server 2008 R2, Windows Server 2012 (64bit), Windows Server 2012 R2, Windows Server 2016, Windows Vista, Windows Vista x64, Windows XP SP2 or higher, Windows XP SP3, Windows XP x64, Windows server 2003 R2, XP Professional x64 Edition, XP Professional x64 Edition SP2
Included Software	Epson Document Capture Pro (Windows only)
Sound Power	Operation: 6.6 B (A)
Sound Pressure	Operation: 54 dB (A)
Mobile and Cloud printing services	Apple AirPrint, Google Cloud Print, Epson Connect (iPrint, Email Print, Remote Print Driver, Scan-to-Cloud, Facebook print)
Noise Level	Operation: 54 dB (A)
Power Supply	220V, 240V

ADDITIONAL FEATURES

Features	Touchscreen, Direct Print, Direct scan-to-print without PC, Direct print from USB
LCD screen	Type: Colour, Touchscreen, Diagonal: 10.9 cm
Media Handling	ADF 2-sided copy (A4, plain paper), Automatic duplex (A4, plain paper), Portrait & Landscape printing, Thick Media Support
Security Functions	Limit access function with Epson Web Config, Secure confidential printing with PIN code release, LDAP Address Book, IPsec, IEEE802.1x, SSL (Server authentication), Panel Admin Mode

OTHER FEATURES

Emulations	PCL5c, PCL6, PostScript 3, ESC/P-R, PDF 1.7

OTHER

Warranty	12 months On-site service Optional warranty extension available

SUPPLIES

• C13T948200	WF-C5xxx Series Ink Pack Standard Cyan	3,000 pages
• C13T948300	WF-C5xxx Series Ink Pack Standard Magenta	3,000 pages
• C13T948400	WF-C5xxx Series Ink Pack Standard Yellow	3,000 pages
• C13T949100	WF-C5xxx Series Ink Pack Large Black	5,000 pages
• C13T949200	WF-C5xxx Series Ink Pack Large Cyan	5,000 pages
• C13T949300	WF-C5xxx Series Ink Pack Large Magenta	5,000 pages
• C13T949400	WF-C5xxx Series Ink Pack Large Yellow	5,000 pages
• C13T950100	WF-C5xxx Series Ink Pack Extra Large Black	10,000 pages
• C13T671600	WF-C5xxx Series Maintenance Box	60,000 pages

1. Comparison made against the top 10 best selling colour laser printers, with a print speed between 1 and 30 pages per minute.

2. Comparison made against the top 10 best selling colour laser printers in Western Europe and Central and Eastern Europe, with a print speed between 1 and 30 pages per minute.

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