

WorkForce Enterprise

WF-C17590



DATASHEET / BROCHURE



This environmentally-friendly departmental colour A3 business MFP reliably prints high-quality documents at very fast 75ipm speeds.

Rapid performance and low energy consumption are combined in the WorkForce Enterprise business inkjet printer. Designed for printing high volume jobs, this environmentally smart multifunction business printer is capable of delivering superb print quality at very fast speeds up to 75ipm.

High speed

Discover excellent quality at high speeds. Enjoy consistently superb image quality at up to 600 x 2400dpi, and print speeds of up to 75 images per minute in simplex and duplex.

Reduces environmental impact

The WorkForce Enterprise series uses up to 88% less energy compared to lasers¹. With low waste supplies and a simple working mechanism the WorkForce Enterprise reduces the environmental impact of print by providing a low power solution with fewer supplies required. Enjoy a high paper capacity of 5,350 sheets, and print up to 100k black or 50k colour pages without replenishing ink².

Quality without compromise

Increase productivity without sacrificing quality with this multi-function printer. The combination of Epson's PrecisionCore linehead inkjet technology, liquid inks and efficient paper transport mechanism gives you a printer that delivers.

Advanced integration improves workflow

Take advantage of a wide range of software solutions from remote management to accounting* and Follow Me Solutions*. These can be integrated into your existing IT infrastructure to improve productivity and increase efficiency.

*Please consult our sales representative for more details.

KEY FEATURES

- **High reliability**
Elegantly simple mechanism for environments where downtime is not an option
- **High capacity**
Print up to 100k black or 50k colour pages without replenishing ink
- **Cut environmental impact**
Use up to 88% less energy compared to lasers¹
- **Built for business**
Take advantage of a wide range of software solutions

PRODUCT SPECIFICATIONS

WorkForce Enterprise WF-C17590

TECHNOLOGY

Printing Method	PrecisionCore™ TFP print head
Nozzle Configuration	8,676 Nozzles black, 8,676 Nozzles per colour
Minimum Droplet Size	3.5 pl
Ink Technology	DURABrite™ Pro
Application	Office Departmental
All-in-One Functions	Print, Scan, Copy, Fax

PRINT

First Page Out	Monochrome 6 Seconds, Colour 6 Seconds
Printing Speed ISO/IEC 24734	75 pages/min Monochrome, 75 pages/min Colour
Duplex Printing Speed ISO/IEC 24734	75 A4 pages/min Monochrome, 75 A4 pages/min Colour
Printing Speed ISO/IEC 24734 (A3)	41.2 pages/min Monochrome, 41.2 pages/min Colour
Duplex Printing Speed ISO/IEC 24734 (A3)	25.4 A4 pages/min Monochrome, 25.4 A4 pages/min Colour
Maximum Printing Speed	75 pages/min Monochrome (plain paper), 75 pages/min Colour (plain paper)
Printing Resolution	600 x 2,400 dpi
Max Duty cycle	400,000 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	8,000 - 100,000 pages per month
Colours	Black, Cyan, Yellow, Magenta

SCAN

Scanning Speed (new)	60 ipm (Colour, Single-sided, 200 dpi, ADF) * Scanning in accordance with ISO/IEC 17991; 110 ipm (Colour, Double-sided, 200 dpi, ADF) * Scanning in accordance with ISO/IEC 17991; 60 ipm (Monochrome, Single-sided, 200 dpi, ADF) * Scanning in accordance with ISO/IEC 17991; 110 ipm (Monochrome, Double-sided, 200 dpi, ADF) * Scanning in accordance with ISO/IEC 17991; 60 ipm (Colour, Single-sided, 300 dpi, ADF) * Scanning in accordance with ISO/IEC 17991; 85 ipm (Colour, Double-sided, 300 dpi, ADF) * Scanning in accordance with ISO/IEC 17991;
Scanning Resolution	600 dpi x 1,200 dpi (Horizontal x Vertical)
Optical Resolution (ADF)	600 dpi x 600 dpi (Horizontal x Vertical)
Advanced document integration	E-mail, FTP, USB, 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)	2,000 names and numbers
Page memory	Up to 550 pages/ 6MB (ITU-T No. 1 chart)
Fax Functions	Auto Redial, Address Book, Delay Send, Broadcast Fax

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COPY

Copy Speed	up to 75 ipm Black, up to 75 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	9,999
Maximum Copy Size	A3

CONNECTIVITY

Network Printing Protocols	LPR, FTP, IPP, LPD, Port 9100, TCP/IPv4, TCP/IPv6, IPSec, WSD-Print
Network Management Protocols	SNMP, HTTP, DHCP, BOOTP, APIPA, DDNS, mDNS, SNT, SLP, WSD, LLTD, Ping, SMTP, TCP/IPv4, TCP/IPv6, IPSec, IEEE 802.1X, DHCP, HTTPS, LDAP, SNMP 3.0
Network Scanning Protocols	WSD-Scan, FTP
Interfaces	USB 3.0, 10 Base-T, Ethernet interface (100 Base-TX / 10 Base-T), Gigabit ethernet interface, Ethernet Interface (1000 Base-T / 100-Base TX / 10-Base-T), Wireless LAN IEEE 802.11a/b/g/n, Wi-Fi Direct
Network Protocols	TCP/IPv4, TCP/IPv6, TCP, HTTP, HTTPS, IPv4, IPv6, IPSEC, SSL/TLS

PAPER / MEDIA HANDLING

Paper Formats	A3, A4, Postcard, A3+, A5, A6, B4, B5, B6, C4 (Envelope), C5 (Envelope), C6 (Envelope), DL (Envelope), Executive, Letter, Legal, HLT, No. 10 (Envelope), User defined
Automatic Document Feeder	150 pages
Compatible Paper Weight	60 g/m ² - 350 g/m ²
Duplex	Yes (A4/A3, plain paper)
Standard Paper input	250 Sheets Standard, 85 Sheets MP tray, 500 Sheets paper tray
Standard paper tray(s)	85-Sheet Multi-Purpose Tray, 500-Sheet paper tray
Maximum paper input	5,350

PAPER FEED RASF

Paper Input Name	RASF
Paper Formats	A3+, A3, A4, A5, A6, B4, B5, B6, C4 (Envelope), C5 (Envelope), C6 (Envelope), DL (Envelope), Letter, 20 x 25 cm, HLT, User defined
Custom sizes	Min 55x 330 mm to Max 127x 1,200 mm
Compatible paper weight	60 g/m ² - 350 g/m ²
Paper Capacity 1	150 80gsm

PAPER FEED C1

Paper Input Name	C1
Paper Formats	A3, A4, A5, B4, B5, Letter, HLT, Executive
Custom sizes	Min 140x 297 mm to Max 182x 432 mm
Compatible paper weight	60 g/m ² - 160 g/m ²
Paper Capacity 1	550 80gsm

PAPERFEEDC2-C4

Paper Input Name	C2-C4
Paper Formats	A3, A4, A5, B4, B5, Letter, HLT
Custom sizes	Min 140x 297 mm to Max 182x 432 mm
Compatible paper weight	60 g/m ² - 160 g/m ²
Paper Capacity 1	550 80gsm

PAPER FEED LCT

Paper Input Name	LCT
Paper Formats	A4, Letter
Compatible paper weight	60 g/m ² - 160 g/m ²
Paper Capacity 1	3,000 80gsm

PAPER FEED DUPLEX

Paper Input Name	Duplex
Compatible paper weight	60 g/m ² - 160 g/m ²

PRODUCT SPECIFICATIONS

WorkForce Enterprise WF-C17590

GENERAL	
Energy Use	170 W (standalone copying, ISO/IEC 24712 pattern), 1.4 W (sleep mode), 77 W (Ready), 0.4 W (Power off), ENERGY STAR® qualified, TEC 0.9 kWh/week
Product dimensions	674 x 757 x 1,231 mm (Width x Depth x Height)
Product weight	179 kg
Noise Level	7.5 B (A) according to ISO 7779 pattern with Epson Premium Glossy Photo Paper / Photo RPM mode - 59 dB (A) according to ISO 9296
Compatible Operating Systems	Mac OS 10.10.x, Mac OS 10.7.x, Mac OS 10.8.x, Mac OS 10.9.x, Mac OS X 10.11.x, Mac OS X 10.6.8, Windows 10, Windows 7, Windows 8, Windows 8.1, Windows Server 2008 R2, Windows Server 2012 R2, Windows Vista, Windows XP SP2 or higher, Windows server 2003 R2, XP Professional x64 Edition
Power Supply	220V, 240V

ADDITIONAL FEATURES	
Memory	3 GB included
Features	Touchscreen
LCD screen	Type: Colour, Touchscreen, Diagonal: 22.7 cm
Media Handling	Duplex (A4/A3, plain paper)
Security Functions	Secure confidential printing with PIN code release, IPsec, IEEE802.1x, SSL (Server authentication)

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

SUPPLIES

• WorkForce Enterprise WF-C17590 Black Ink Cartridge	C13T887100	50,000 pages
• WorkForce Enterprise WF-C17590 Cyan Ink Cartridge	C13T887200	50,000 pages
• WorkForce Enterprise WF-C17590 Magenta Ink Cartridge	C13T887300	50,000 pages
• WorkForce Enterprise WF-C17590 Yellow Ink Cartridge	C13T887400	50,000 pages
• Maintenance box	C13T671300	
• WorkForce Enterprise WF-C17590/C20590 Staples	C13S210061	

OPTIONAL ACCESSORIES

- 4000-Sheet Stapler / Stacker unit WF-C17590/WF-C20590
C12C933261
- Optional Bridge Unit for WF-C17590 WF-C20590 Series
C12C933481
- 3000-sheet High Capacity Paper Tray WF-C17590/WF-C20590
C12C933041
- Cassette Lock for WF-C17590/WF-C20590 Series
C12C933231



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1. As tested by BLI, over two months to Feb 2017, against a selection of competing machines, as commissioned by Epson.

2. Black page yield of 100K pages achieved by two 50K cartridges. Both are required for operation.