

WorkForce Enterprise business inkjet printer

Speed is
everything



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Revolutionary high-speed multi-function business printer

The WorkForce Enterprise business inkjet printer combines ultra-fast performance with the ultra-low energy consumption that only inkjet can offer.

Designed for printing high volume jobs at peak periods, this environmentally smart multi-function business printer is capable of delivering superb print quality at superfast speeds of up to 100ipm. The high capacity DURABrite Pro ink cartridges deliver more printed pages from fewer supplies compared to laser devices.

The WorkForce Enterprise uses Epson's advanced PrecisionCore printhead technology. The compact printhead consumes a small amount of power which helps reduce the environmental impact and reducing the storage space for consumables, all while offering the flexibility to print on various media.

WorkForce Enterprise: Where power meets efficiency



Lower power consumption
(Average 180W - Max 320W¹)



Ultra-fast print speed
of up to 100ipm



High capacity ink cartridges
of up to 100,000 pages:
K = 2 x 50,000
CMY = 50,000 each



High print quality
up to 600 x 2400 dpi
(600 x 1200 dpi by default)



9-inch colour touch
panel display



High speed Dualscan
(Simplex / Duplex: 60/110 ipm)

Ultra-fast speeds and all-round high performance

Discover outstanding quality at incredibly high speeds. Enjoy consistently superb image quality and optimised printing speeds up to 100 images per minute, beating most laser printers.

With five high capacity ink cartridges producing up to 100,000 pages in mono and 50,000 in colour, a 5,350-sheet paper input with maximum paper feed, a 4,000-sheet finisher unit with stapling and no warm-up time required, you can run jobs without interruption. Prints are ready the moment you get to the printer, helping to maintain optimum productivity when you need it most.

A fully configured WorkForce Enterprise with optional high capacity paper input unit and finishing unit with stacking and stapling

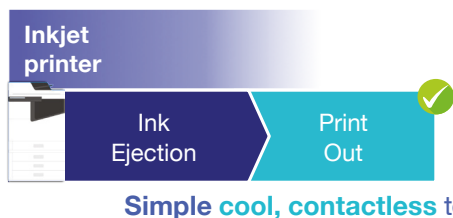
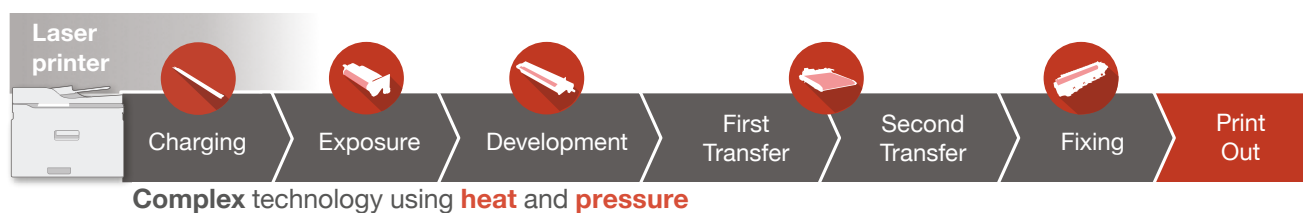


Efficiency champion

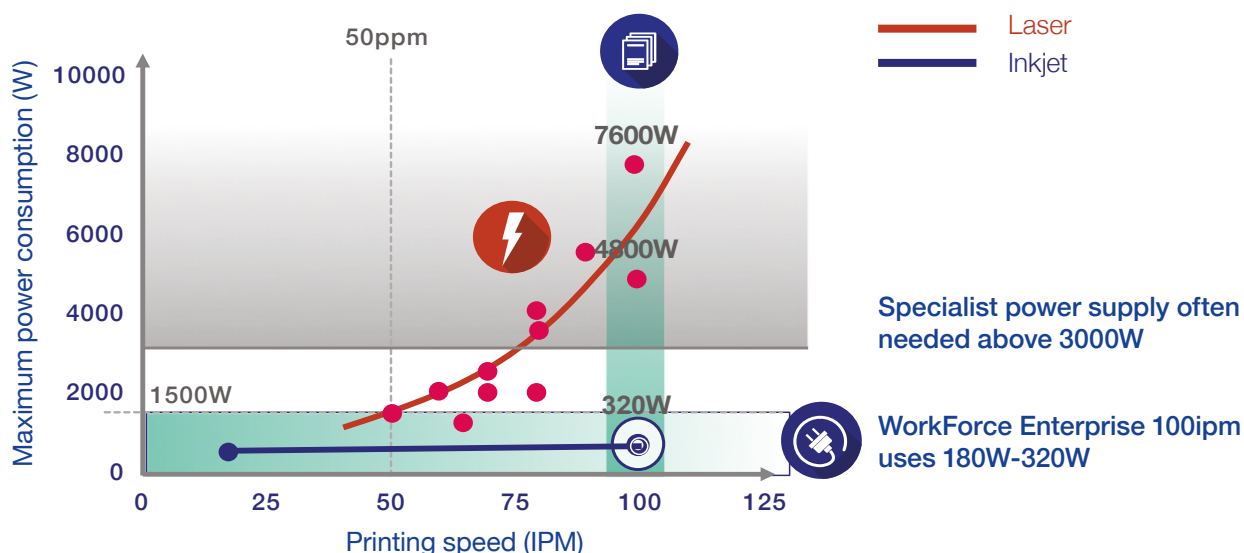
Double the speed, 75% less power consumption². Cut the environmental impact of print with a low power solution that uses fewer supplies, without affecting output quality.

Using up to 84% less energy³ when copying compared to an average laser printer, the WorkForce Enterprise could significantly reduce electricity costs. With fewer supplies needed to deliver a high page yield, you can maximise productivity with minimal printer downtime.

With low waste production and few maintenance parts, you are not only benefitting from a printer that's easier to service, but also one that improves the overall productivity of your business. Power, efficiency and speed come together – giving you piece of mind.



Typical Laser printer
45-55ipm uses max from 800W - 1800W⁴



Quality without compromise

There really is no compromise. Thanks to Epson's PrecisionCore linehead inkjet technology, pigment inks and efficient paper transport mechanism, you're getting a reliable and fast multi-function printer that increases productivity overall without sacrificing quality.

Engineered for precision

Epson's DURABrite Pro ink offers laser-like sharpness and flexibility on media, which laser cannot. Its Nozzle Verification Technology helps eliminate misprints to ensure crisp, consistent print quality.

The paper transfer technology of traditional devices uses a roller feeding system which moves the paper under the print head. This often causes the paper feed to become unstable, making it difficult to lay down the ink droplets accurately on the page. The WorkForce Enterprise uses an electrostatic transport belt that ensures the paper is completely flat, enabling the smoothest of gradients and consistently sharp images.

Simple printing mechanism



Advanced integration improves workflow

Take advantage of remote management, customise your print options and enjoy seamless compatibility with a wide range of tools and software that can be integrated into your existing IT infrastructure to improve productivity and increase efficiency.

Epson Print Admin



Boost productivity and monitor print usage via a server-based solution that creates a secure printing, scanning and copying environment through user-authentication.



Document Capture Pro



The WorkForce Enterprise is Document Capture Pro Server compatible, making it easy to seamlessly and locally manage documents. Document Capture Pro integrates into document management and cloud storage systems, enabling you to capture, enhance, edit and distribute scanned documents effectively throughout your business.

Epson Device Admin

Control, analyse and manage your printer fleet centrally from one intuitive interface, designed to increase productivity and reduce costs.

Epson Open Platform (EOP)

Gain complete control of your printing operations via a range of partner solutions that enable you to adapt the WorkForce Enterprise to meet specific and changing business requirements with solutions that help you better manage your printing.

Mobile and Cloud printing

Turn your tablet or smartphone into a powerful office assistant. Epson's mobile and cloud printing services allow you to print and scan wirelessly⁵ using mobile devices in the office and on the go.

Model



WorkForce Enterprise WF-C20590

A3 colour printer, scanner, copier, fax

100ipm print speed

High speed DualScan (Simplex 60ppm / Duplex 110ipm)

Print quality up to 600dpi x 2400dpi

Page yield up to 50,000 pages per ink supply unit
(Black 2x 50,000 pages; Colour 50,000 pages)

Low power consumption (180W - 320W)

2,350 sheet (80 gsm) standard paper input

5,350 sheet (80 gsm) max paper input

Options

3,000-sheet high capacity
paper tray

4,000-sheet stapler
/ stacker unit

Bridge unit

Cassette lock



3,000-sheet
high capacity paper tray



4,000-sheet stapler
/ stacker unit (bridge unit
needed)



Bridge unit

Copy and print	Print Speed	A4 up to 100ipm mono and colour in simplex/duplex A3 up to 54.3ipm mono and colour in simplex, 36.3ipm in duplex ⁶
	Print resolution (default / maximum)	600x1200dpi / 600x2400dpi
	First page out print from ready First page out print from sleep	As low as 5 sec once data is received. A4 simplex 6.2 sec, duplex 8.5sec As low as 5 sec once data is received. A4 simplex 10.6 sec ⁷
	Copy speed (ADF / Flatbed)	A4 simplex 100cpm; duplex 100cpm ⁸ / A4 simplex 100cpm ⁹
	Copy resolution (input / output)	Up to 600x600dpi / up to 600x2400dpi
	Printer Control Language Emulations	PCL5C/PCL6, PostScript 3.0, PDF (ver1.7), ESC/P-R, ESC/P-RJ, ESC/Page, ESC/Page-Color
	Monthly print volume (recommended / maximum)	8,000-100,000 pages / 400,000 pages
Scan and fax	Scan speed from ADF (A4 simplex / A4 duplex)	1-pass Dual Scan. 60/60ipm A4 simplex, A4 duplex110/110ipm mono and colour at 300dpi
	Scan resolution (optical / maximum)	600dpi / 9600dpi interpolated
	Compatibility	TWAIN (Win/Mac), WIA (Win), ICA (Mac).
	Colour depth	Colour (RGB): Input 10bits, Output 8bits
	Scan-to functions	Scan2PC, Scan2Email, Scan2Folder, Scan2Cloud, Scan2USB memory stick
	Supported formats	Jpeg, TIFF, PDF.
	Fax speed	Up to 33.6Kbps
Connectivity and security	Fax compression type	Mono: MMR/MR/MH; Colour: Jpeg
	Standard interfaces	Network: 10Base-T, 100Base-TX, 1000Base-T; Wireless Network: IEEE 802.11b/g/n, Wifi-Direct; 1xUSB 3.0, 2 x USB 2, NFC (Tag with I/F)
	Wifi (operation modes / security)	Infrastructure, Wi-fi Direct (Simple AP mode) / Security: WEP (64/128bit), WPA-2PSK(TKIP/AES), WPA2-Enterprise
	Protocols (network / printing)	Network: TCP/IPv4, TCP/IPv6; Printing: LPD,IPP,PORT9100,WSD
	Network management protocols	SNMP, HTTP, DHCP, BOOTP, APIPA, PING, DDNS, mDNS, SNTp, SLP, WSD, LLTD
	Network / other	IEEE802.3x (Ethernet), IP Filtering, IPSec / Epson Open Platform Support
	Windows/ Mac support	Windows XP 32bit (SP3 or later), Windows XP professional x64 Edition, Windows Vista / 7 / 8 / 8.1 / 10 (32bit 64bit) Windows Server 2003 (SP2 or later) / 2003 R2 / 2008 / 2008 R2 / 2012 / 2012 R2 / 16 ; Mac OS X 10.5.8 / 10.6.8 / 10.7.x / 10.8.x / 10.9.x / 10.10.x / 10.11.x / 10.12.x
Paper handling	Linux/Unix/Citrix/SAP/Novel Support	Linux, Citrix, Android, iOS Support, SAP device type PCL5/6
	Paper input (standard / maximum)	2,350-Sheets (150-MP Tray + 4 x 550-Sheet Front Cassette) 5,350-Sheets (150-MP Tray + 4 x 550-Sheet Front Cassette + 3000-Sheet High Capacity Tray)
	Paper output (standard / maximum)	700-Sheet (550-sheet Face-down + 150-sheet Face-up) 4900-Sheet (700-Sheet: 550-sheet Face-down + 150-sheet Face-up + 4200-Sheet Optional Finisher[4000-sheet Face-down + 200-sheet Face-down Fax only])
	Paper weight	MP Tray: 60 -350 gsm; Front Cassettes 1-4: 60 - 160 gsm, Duplex Unit: 60 - 150 gsm
	Scanner ADF	150 sheets
	Power consumption	Operating (copy): approx. 180W, Sleep: approx. 1.4W, Max: 320W (Printer and ADF Scanner working concurrently), Typical Energy Consumption: 1.3kWh/week

For more information please visit www.epson.eu/workforce-enterprise

1. While copying, main unit alone without option

2. Epson WorkForce WF-C20590 energy used while copying 180W compared to an average of competitor A3 laser/LED MFPs capable of 55-65ppm showing "Energy Used While Copying" data as available in BLI database (Feb 2017)

3. Energy used while copying is 180W, compared to competitor colour A3 laser/LED MFPs capable of 65-75ppm showing "Energy Used While Copying" data as available in BLI database (Feb 2017)

4. Max power used while copying for competitor colour A3 laser/LED MFPs capable of 45-55ppm showing "Energy Used While Copying" data as available in BLI database (Feb 2017)

5. Epson iPrint and Epson Creative Print require a wireless connection and the Epson printing apps, email print and scan-to-cloud require an internet connection.

6. in accordance with ISO/IEC 24734

7. in accordance with ISO/IEC 17629

8. in accordance with ISO/IEC 24735

9. in accordance with ISO/IEC 29183

All specifications are subject to change. For the latest specifications please visit www.epson.eu

For further information please contact your local Epson office or visit www.epson-europe.com Austria 01 253 49 78 333 Belgium +32 (0)2 792 04 47 Czech 800/142 052 Denmark 44 50 85 85 Finland 0201 552 091 France 09 74 75 04 04 (Cost of local call, operator charges may apply) Germany +49 (0) 2159/92 79 500 Greece 210-8099499 Hungary 06800 147 83 Ireland 01 436 7742 Italy 02-660321 10 (0,12 €/min) Luxembourg +352 27860692 Middle East +9714 8872172 Netherlands +31 (0)20 708 5099 Norway +47 67 11 37 00 Poland 0-0-800 4911299 (0,16 zł/min) Portugal 707 222 111 Russia (095) 777-03-55 Slovakia 0850 111 429 South Africa (+2711) 465-9621 Spain 93 582 15 00 Sweden 0771-400135 (Mobilsamtal – 0,99 kr/min, Lokala samtal – 0,30 kr/min, Utlandssamtal – 0,89 kr/min) Switzerland 022 592 7923 Turkey (0212) 3360303 United Kingdom 0871 222 6702 Trademarks and registered trademarks are the property of Seiko Epson Corporation or their respective owners.

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