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BUSINESS INKJET TECHNOLOGY



PRECISIONCORE

WorkForce Pro WF-C869R

Minimizing Hassle and Cost with Ink Packs

Epson has developed new ink packs for business use. By reducing replacement frequency, operating efficiency and cost performance are increased.

The volume of liquid ink required to print the same image is less than half that of powdered ink. This translates into smaller and fewer cartridges. Moreover, Epson has designed a new ink pack suited to heavy duty business use, enabling a greater quantity of ink to be equipped while preserving quality. The replacement frequency of consumables is dramatically reduced, leading to big savings in maintenance costs. Waste is also minimized.

Business Inkjet



Ink pack × **4**

Laser



Toner cartridge × **58***

* The calculation is based on the assumption of large ink pack with printing page at 84,000 pages (C,M,Y) and 86,000 pages (K) compared with relevant Epson laser models. The actual number of toner cartridges used to print the same number of pages may vary according to different laser printing models.

Less Maintenance and Less Downtime

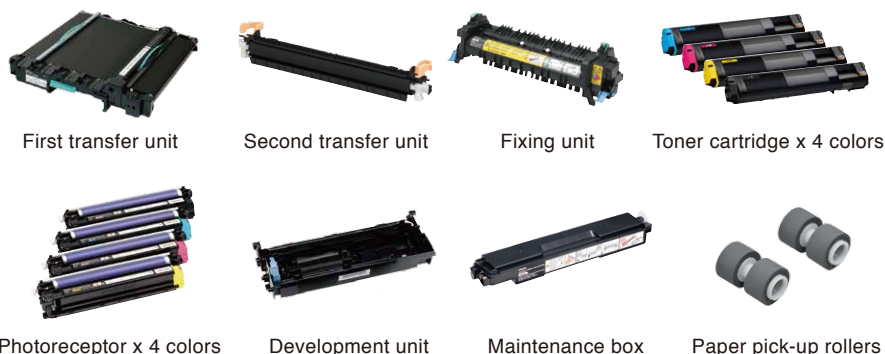
Compared to laser printers, inkjets have a simpler mechanism, have fewer periodic replacement parts, and so require less time and effort to maintain*.

Inkjet printers have an extremely simple structure for ejecting ink from the printhead onto the paper, with only three parts that require periodic replacement: the ink pack, maintenance box, and paper pick-up rollers. These can be replaced quickly, so printer maintenance time and hassle is reduced, and office downtime minimized.

Business Inkjet Consumables



Laser Printer Consumables



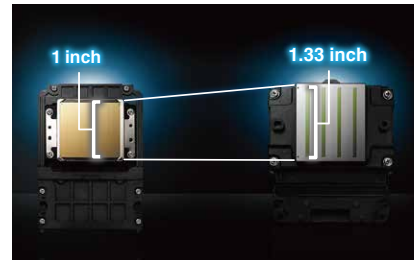
* Actual type and number of periodic replacement parts vary by model.

High Speed Printing with PrecisionCore Printheads

The head has been widened from the conventional 1 inch to 1.33 inches and the number of nozzles per row increased to 400 for higher density. High-speed, high-definition printing is made possible through expanding the printable area in a single pass in both monochrome and color printing.



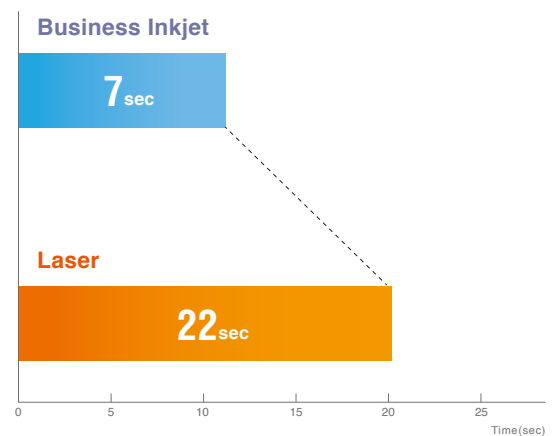
Through adopting a high performance motor to drive the carriage that moves the printhead above the paper, the carriage operation performance has been improved. Printing speed has thus been increased from 300 to 360 characters per second.



Rapid First Page Printing

Business inkjets require no warm-up time because they use no heat in printing, so rapid printing is possible from the first sheet.

Epson's piezo technology uses pressure to eject the ink. There is no need to preheat the fixing unit as in the case of laser printers, so warm-up time can be eliminated. As a result, operation can be resumed from standby much quicker, and rapid printing can be performed from the first sheet. Inkjets display especially high performance in offices that conduct frequent small volume printing jobs.



First page out time comparison

First page out time of WorkForce Pro WF-C869R is about 7 seconds at Ready Mode.

The Next Evolution – DURABrite Pro Ink

Enhanced Pigment Concentration and Brighter Coloring

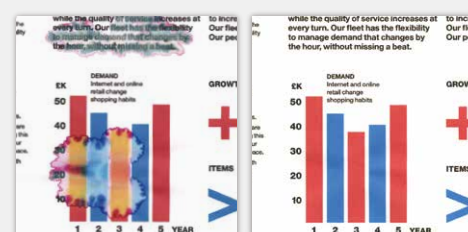
Epson has developed DURABrite Pro ink as the optimum ink for its high-speed business inkjet printers. Compared to conventional DURABrite Ultra ink, the pigment concentration has been increased to give brighter coloring. This allows graphs and images to be clearly expressed even on ordinary plain paper. Red and blue colors are especially vivid, satisfying the high image quality printing needs of offices.

Less Paper Curl

A drawback of inkjet-printed paper is that curling may occur over time. This is caused by contraction of hydrogen bonds in paper fibers when the water content of ink in the fibers evaporates. To prevent this, a curl inhibitor has been added to the new DURABrite Pro ink. This mitigates curling by preventing excessive contraction of fibers when the water content evaporates.

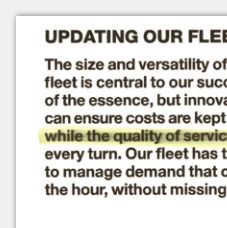


For illustrative purposes only

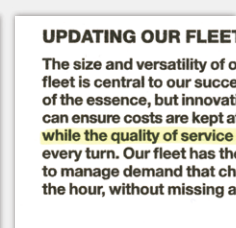


Dye ink

Pigment ink



Dye ink



Pigment ink

Epson | WorkForce Pro WF-C869R

PRINTER TYPE		
Printing Technology		InkJet
Ink Cartridge		Individual 4 colors
Nozzle Configuration		400 x 2 nozzles, each color (Black, Cyan, Magenta, Yellow)
PRINT FUNCTION		
Printing Method		On-demand ink jet (piezoelectric)
Printing Speed		35/35ppm, 24/24ipm (ISO)
Maximum Resolution		4800 x 1200 dpi (with Variable-Sized Droplet Technology)
Default Black Resolution		600 x 600 dpi
PRINT FEATURES		
Automatic 2-sided printing		Standard
Collate		Yes
Emulation		PCL5c/PCL6/Compatible with PostScript Level 3/PDF (ver1.7)
Printer Language(s)		ESC/P-R
Memory		3GB RAM
CONTROL PANEL		
LCD Screen *inch and cm		5.0 inch / 12.7cm TFT Color LCD
COPY FUNCTION		
Copy Quality		Color / Black-and-White; Text / Text & Image / text & Image (Best) / Photo
Maximum Copy Resolution		600 x 1200dpi
Automatic 2-sided Copy		Standard
Reduction/Enlargement		25-400%, Auto Fit Function
Maximum Copy Size		A3
SCAN FUNCTION		
Scanner Type		Flatbed color image scanner
Scanning Speed		25 ipm simplex / 45 ipm (duplex)
Sensor Type		CIS
Optical Resolution		1200 dpi
Maximum Hardware Resolution		1200 x 2400 dpi
Maximum Resolution		9600 dpi interpolated
Compatibility		TWAIN/WIA/ICA
Maximum Scan Area		297.18 x 431.8 mm / 11.7 x 17 inch
Scan Features		Scan to USB, Network Folder/FTP, Email, Computer
File Format		TIFF, JPEG, PDF, Compact PDF, Encrypt PDF
FAX FUNCTION		
Error Correction Mode		ITU Group3 fax with Error Correction Mode
FAX Resolution	Black & White	Standard: 8 pels/mm x 3.85 lines/mm Ultra Fine: 16 pels/mm x 15.4 lines/mm
FAX speed (data transfer rate)		Up to 33.6 kbps
Speed dialing numbers		Up to 2000 dials
Group Dial		Up to 1999 groups
PAPER HANDLING		
Number of Paper Trays		3 (Front 2, Rear 1)
Max Paper Size (Fixed Form)		A3+
Paper capacity	STD Cassette 1	250 sheets-A4/LTR/A3 Plain paper (80g/m ²)
	STD Cassette 2	500 sheets-A4/LTR/A3 Plain paper (80g/m ²)
	Option Cassette 1-2	500 sheets-A4/LTR/A3 Plain paper (80g/m ²)
	Rear slot	85 sheets Plain paper (80g/m ²)
Paper Weight		Cassettes: 64-200g/m ² Rear Slot: 64-256g/m ²
Maximum input capacity		1835 sheets
Output capacity	A4 Plain paper	250 sheets (Text / Default)
NOISE LEVEL		
PC Printing / Plain Paper default	LwAd : B(A)	6.6B (Color)
Default mode is in accordance with ISO7779*1st-bin	LpAm : dB(A)	49dB (Color)
ELECTRICAL SPECIFICATIONS		
Rated Voltage *Rated Voltage will vary depending on area		100-240V Universal
Rated Frequency		50~60 Hz
Typical Electricity Consumption(TEC) Number	230V / 50Hz	0.3kWh
*Based on TEC test procedure		
POWER CONSUMPTION		
Standalone Copying *ISO/IEC 24712 Pattern	AC220-240V	Approx 40W
Sleep Mode	AC220-240V	Approx 1.7W
PRINTER SOFTWARE		
Operating System Compatibility	Windows	Windows XP SP3 /XP Professional x64 Edition P2/Vista/7/8.1/10, Windows Server 2003 SP2 or later/2003 R2/2008/2008 R2/2012/2012 R2
	Mac	Mac OS X 10.6.8, 10.7.x, 10.8.x, 10.9.x, 10.10.x, 10.11.x
SECURITY FUNCTION		
Limit Access Function, PIN No. Certification, LDAP Address Book, IP Address Filtering, Panel Admin Mode		
DIMENSIONS & WEIGHT (out of packaging)		
Printer Dimensions (WxDxH)		787 x 758 x 621 mm / 31.0 x 29.8 x 24.4 inch
+2additional cassette & Cabinet		787 x 873 x 1162 mm / 31.0 x 34.4 x 45.7 inch
Printer Weight	*HW only	64.1Kg / 141.3lb
+2additional cassette & Cabinet		111.5Kg / 245.8lb
MOBILE AND REMOTE PRINTING		
AirPrint, Google Cloud Print, Mopria		
EPSON CONNECT		
Email Print, Epson iPrint Mobile App, Scan to Cloud, Remote Print Driver		
NFC FUNCTIONS		
Wi-Fi pairing, Touch to Device		
ENVIRONMENTAL STANDARD		
Energy Star certified		Yes
RoHS compliant		Yes
PRINTER INTERFACE		
USB		Hi-Speed USB Compatible with the USB2.0 Specification
Ethernet		1000BASE-T/100BASE-TX/10BASE-T
Wireless		IEEE 802.11b/g/n

Optional Authentication Capability



EPSON
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MAY-17-Inkjet