

Monthly Confidential Report
(Published at the end of each month)

Summary

MONTHLY ELECTROPHOTOGRAPHY

- Comprehensive Research and Analysis of PPCs, Laser/LED Printers, Toner, Resin, Photoconductor, Rollers and Related Components of Electrophotography -

2022. 10



Fujifilm BI (A3/Color) ApeosPrint C5570



HP (A3/Color)
Color LaserJet Managed MFP E877 series



AccurioLabel 400 (Konica Minolta Business Solutions: U.S.A.) (from Labelexpo Americas 2022)



Market Research of Japan, China, USA, and Europe
Data Supply Inc.

Sample Page
Excerpt from "Follow Up"

F - Color MFP (A4) - Kyocera Document Solutions - 6

This is the actual sales status of Kyocera Document Solutions' A4 color MFPs. Sales had dropped since 2019 due to the coronavirus pandemic but began to recover in 2021. However, sales are struggling with a negative trend in 2022, when compared to the previous year.

Main Model	Speed (ppm)	Sales Area	Shipment Volume (unit)			
			'19	'20	'21	'21-2Q
TASKalfa 306ci,307ci,308ci	39/30ppm (Col/Mono)	Overseas				
TASKalfa 350ci,351ci,352ci,356ci,358ci	35/35ppm (Col/Mono)	Japan				
TASKalfa 406ci,408ci		Overseas				

MFP	TASKalfa 406ci,408ci
	TASKalfa 308ci
	OEM/TA/UTAX 301ci,302ci,306ci,302ci,35
	OEM/TA/UTAX 400ci,402ci,402ci

<Product Overview>
Kyocera's A4 color MFPs offer various configurations. The standard configuration includes a 500-sheet paper tray with a maximum volume of 3,000 sheets. The scanner has a touch panel mechanism and a 7" panel for high-resolution scanning. Security options are available across the series to protect the equipment they need.

<Unit Sales>
The company is part of the MFP class, which reached approximately 5% downward in 2022. In 2021, work has been limited due to the pandemic, and it is not likely to return to normal. The following table shows approximately 10% of average monthly sales in the current situation, which will remain as the market recovers.

Sample Page
Excerpt from "Other News"

O - Exhibition - TOKYO PACK 2022 - 1

TOKYO PACK 2022 was held at Tokyo Big Sight (Tokyo International Exhibition Center) in Ariake, Tokyo, for three days from Tuesday, October 12 to Friday, October 14.

The exhibition attracts many packaging professionals from Japan and abroad, and it is one of the largest comprehensive packaging exhibitions in Japan, where packaging materials, containers, machinery, systems, and solutions are exhibited at one place.

<TOKYO PACK 2022>

Date	Number of visitors	Number of exhibitors	Number of booths
October 12 (Wednesday)			
October 13 (Thursday)			
October 14 (Friday)			
Total			



While people are in the market during the coronavirus pandemic, the number of visitors over the three days was high. This report focuses on the exhibitors.

Sample Page
Excerpt from "Featured Article - Labelexpo Americas 2022"

■ Featured Article ■
Featured Article - Labelexpo Americas 2022

1. Facts on Labelexpo Americas 2022



1) Outline

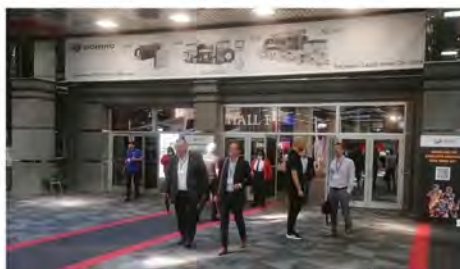
Labelexpo Americas 2022 is the world's largest labels and packaging printing trade show, and many inkjet equipment manufacturers take part.

2) Basic data

- Period: September 13-15, 2022 (3 days)
- Venue: Donald E. Stephens Convention Center, Illinois, U.S.A.
- Number of exhibitors: over 360 companies (approximately 480 companies in 2018). The number of exhibitors has apparently recovered close to normal as the pandemic is coming to an end.
- Number of visitors: 13,569 people (from 77 countries) over 3 days



Donald E Stephens Convention Center



Entrance of the venue

The cover story reports the exhibits by major makers in the show. Local coverage was conducted by i4 inkjet Ltd. (headquartered in Ireland) in partnership with Data Supply Inc.

Sample Page
Excerpt from "Other News"

O - B1+ Inkjet Press - MGI Digital Technology - 1

On October 13, MGI Digital Technology announced the **AlphaJET, the world's first B1+ single-pass digital inkjet press from printing to finishing**, with its target at the packaging printing market. AlphaJET was exhibited as a B2 prototype at drupa 2012, and now it will be officially marketed as a B1+ machine.

The system's print unit... system. The post-process coating & green foil stamping with a minimum 135gsm thickness, carton, e-flute cardboard and inks (CMYK), Eco Spot UV lamination effects.



01	ERP printing integ
02	Control and pilotin
03	High pile pallet loa
04	Mobile suction tray
05	Artificial intelligen
06	High definition CM printing

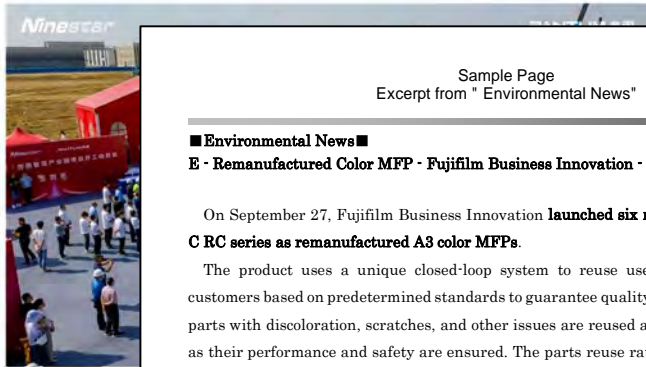
It was also announced... company ISRA. ISRA provides authentication/access control. MGI, in collaboration with customers at Konica Minolta dedicated AlphaJET Demo

Sample Page
Excerpt from "Production News"

P - Laser Printer - Ninestar - 2

On September 22, China's Ninestar held a groundbreaking ceremony in Hefei, Anhui Province, to mark the start of construction of Hefei Laser Printer Intelligent Manufacturing Industrial Park. This is the first time the company has built a factory outside of Zhuhai, and **once the factory is completed, it will have the capacity to produce two million units of laser printers and 50 million units of consumables per year**. The total investment will be seven billion yuan, and this major project will create 3,000 jobs.

Of seven billion yuan, five billion will be used to build the plant, and the remaining two billion will be used to strengthen the supply chain. The entire plant will have 500 acres, and the first phase will occupy 300 acres to house a laser printer development center, an application center, and a production center for printers and consumables.



Ninestar Chairman... development, Ninestar... the entire supply chain... services." He further... Industrial Park will... a second manufacturing... logistics costs, and en... Pantum, a member... the PANTUM Pingshan... printers and consum... Park will serve as a c

Sample Page
Excerpt from "Environmental News"

Environmental News
E - Remanufactured Color MFP - Fujifilm Business Innovation - 1

On September 27, Fujifilm Business Innovation **launched six models in the ApeosPort-VI C RC series as remanufactured A3 color MFPs**.

The product uses a unique closed-loop system to reuse used products collected from customers based on predetermined standards to guarantee quality and reliability. In addition parts with discoloration, scratches, and other issues are reused as much as possible, as long as their performance and safety are ensured. The parts reuse rate is up to 84% (by weight), a significant leap from previous remanufactured machines. By reducing the number of new parts to be used, CO₂ emissions from the procurement of raw materials are reduced by up to 76% compared to new machines, and CO₂ emissions over the entire product life cycle, including stages such as manufacturing, transportation, and use by customers, are also reduced by up to 56%, thereby reducing the environmental impact significantly.

<Main features of the ApeosPort-VI C RC series>

- Speed: 25 to 70ppm in color (A4 LEF)
- Super EA-Eco toner, one of the smallest toner particle sizes in the industry is used.
- High-resolution output at 1,200 x 2,400dpi
- Smart WelcomEyes detects the user and automatically wakes up from the sleep mode. It achieves both "energy efficiency" and "ease of use."
- Quickly Heated IH-Fuser keeps a recovery time within 5 seconds from the sleep mode.
- Bio-based plastic parts from cellulose (woody materials) are used, and recycled plastic is used for some exterior parts.

<ApeosPort-VI C RC Series Specifications and Standard Prices>

Product name	Standard price (tax not included)	Speed (A4 LEF)	Remarks
ApeosPort-VI C7771 RC	Open	70ppm in color 70ppm in monochrome	Equipped with copy, print, scan and fax. Single-pass DADF
ApeosPort-VI C6671 RC		65ppm in color 65ppm in monochrome	
ApeosPort-VI C5571 RC		55ppm in color 55ppm in monochrome	
ApeosPort-VI C4471 RC		45ppm in color 45ppm in monochrome	
ApeosPort-VI C3371 RC		35ppm in color 35ppm in monochrome	
ApeosPort-VI C2271 RC		25ppm in color 25ppm in monochrome	

 October 2022

■ Featured Article ■

Featured Article - Labelexpo Americas 2022	1
1. Facts on Labelexpo Americas 2022	1
2. Exhibits by major makers	2
[1] HP (U.S.A.) [2] Durst Image Technology US (U.S.A.)	
[3] Konica Minolta Business Solutions (U.S.A.)	
[4] Epson America (U.S.A.) [5] Mark Andy (U.S.A.)	
[6] Shenzhen HanGlobal Digital Solution (China)	
[7] Domino North America (U.S.A.) [8] Screen America (U.S.A.)	
[9] Xeikon America (U.S.A.)	
[10] Shenzhen Runtianzhi Digital Equipment (China)	
3. Other companies	13
4. Conclusion	23

■ Follow Up ■

F - Color MFP (A4) - Canon - 7	24
(imageRUNNER ADVANCE C250 and others)	
F - Color MFP (A4) - Ricoh - 7	25
(IM C300 series and others)	
F - Color MFP (A4) - Konica Minolta - 4	26
(bizhub C3320 and others)	
F - Color MFP (A4) - Kyocera Document Solutions - 6	27
(TASKalfa 306ci and others)	

■ Newly Released ■
[Japan]
<Office>

N - Monochrome MFP (A3) - Canon - 3	28
(imageRUNNER ADVANCE DX 4800 series)	
N - Monochrome MFP (A3) - Canon - 4	32
(Satera MF7625F)	
N - Color Printer (A3) - Fujifilm Business Innovation - 6	34
(ApeosPrint C5570/C4570)	
N - Monochrome Printer (A4) - Kyocera Document Solutions - 3	37
(ECOSYS PA6000x/PA4500x)	

[North America]
<Office>

N - Color MFP (A3) - HP - 3	40
(Color LaserJet Managed MFP E877 series)	

N - Color MFP (A3) - HP - 4	44
(Color LaserJet Managed MFP E785/E786 series)	
N - Monochrome MFP (A3) - HP - 5	48
(LaserJet Managed MFP E826 series)	
N - Monochrome MFP (A3) - HP - 6	49
(LaserJet Managed MFP E730/E731 series)	
N - Monochrome MFP (A4) - Lexmark - 4	50
(MX432adwe)	

■ Environmental News ■	
E - Remanufactured Color MFP - Fujifilm Business Innovation - 1	53
(Fujifilm BI launches six remanufactured models in the ApeosPort-VI C RC series)	

■ Production News ■	
P - Toner - Fujifilm Business Innovation - 1	55
(Changes in FBI's toner production volume/Source: 2022 version of Toner Market Forecast)	
P - Laser Printer - Ninestar - 2	56
(Ninestar to build a factory in Hefei, Anhui, China)	
P - Inkjet Printhead - Seiko Epson - 1	57
(Construction of a new factory at Akita Epson to increase production capacity of printheads)	

■ Distribution News ■	
D - Vietnamese Sales Company - Kyocera Document Solutions - 1	58
(The opening ceremony of a sales company in Hanoi was held)	

■ Other News ■	
O - Production Printer - Fujifilm Business Innovation - 1	59
(FBI will exhibit the B2 sheet-fed digital press with dry toner)	
O - Continuous-feed Inkjet Machine - Fujifilm Business Innovation - 1	60
(Fujifilm BI will launch the Jet Press 1160CF high-speed roll paper color inkjet printer)	
O - UV Inkjet Module - FUJIFILM Dimatix - 1	62
(FUJIFILM Dimatix launches FUJIFILM Samba JPC UV inkjet modules)	
O - Cloud Printing Service - Canon - 1	63
(Canon launches the "Hybrid Work Print Standard")	
O - Web-fed Inkjet Press for Corrugated Printing - HP - 1	65
(HP unveils HP PageWide T700i Press)	
O - High-speed Cut-sheet Inkjet Printer - Riso Kagaku Corporation - 1	66
(Worldwide release of VALEZUS T2200 in stages)	
O - B1+ Inkjet Press - MGI Digital Technology - 1	68
(MGI announces the AlphaJET B1+ inkjet press for the packaging printing market)	

O - Subscription Service - Brother Industries - 1	69
(Brother International Corporation announces the Value Subscription Program)	
O - 3D Printer - Xerox - 2	70
(Xerox has decided to scale back its 3D printing business)	
O - Exhibition - TOKYO PACK 2022 - 1	71
(Report on the exhibition)	
O - Industry-related News - Individual Manufacturers - 10	81
Ricoh launches cloud storage service RICOH Drive/Ricoh launches the new GELJET printers	
RICOH SG 3300 and 2300/Canon wins trademark infringement lawsuit against counterfeit	
product sellers in the U.S./Brother Industries' subsidiary receives Gold certification/Konica	
Minolta Business Technologies receives Platinum recognition/New Zealand's investigating	
authority closes a probe into the former Fuji Xerox fraud/ePac Flexible Packaging purchases	
50 HP Indigo presses	