

Wirth Consulting

B2B Digital Imaging Product Evaluation

Monday, April 05, 2010 10:38:13 AM

WYSK

"What You Should Know"

Make	Ricoh	Model	GelSprinter GX3050SFN
Functions	Print/Copy/Scan/Fax	Imaging Technology	Ink-Jet

Classification Color MFPs From \$500 To \$750

Driven by a 400 MHz CPU, the GelSprinter GX3050SFN uses piezo ink-jet color imaging technology. This imaging technology involves the use of viscous (versus the usual thinner liquid) ink that Ricoh says is waterproof and sun-resistant. Ricoh also says that its viscous inks are also faster drying, and less resistant to smearing--a traditional drawback of liquid ink-jet imaging. The system also incorporates larger print heads and an advanced belt-transfer system for enhanced productivity and print speed. Flatbed scanning is up to 8.5"x11.7", while up to 8.5"x14" (legal) via the Reversing Automatic Document Feeder.



Specifications

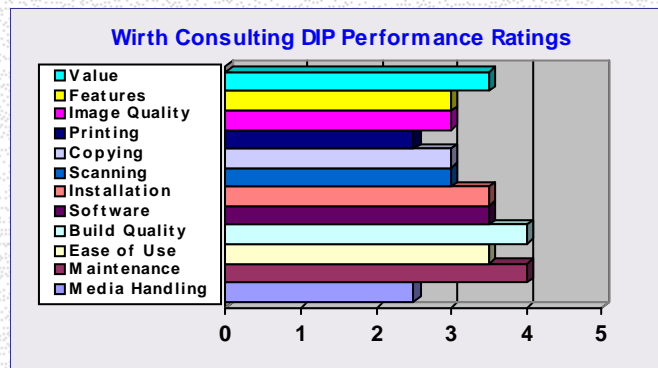
Max Monthly Duty Cycle	10,000	Max Media Width (inches)	8.5	215.90	mm	Price	\$729.00	€522.26
BW/Color Print Speed (PPM)	29/29	Max Media Length (inches)	14.0	355.60	mm	Duplex		
Max Print Resolution (DPI)	1,200x1,200	Max Media Wt. (bond, lbs.)	68.0	229.50	gsm	Print		
Standard Memory (MB)	96.00	Height (inches)	16.90	429.26	mm	Network		
Std Media Capacity (sheets)	250	Width (inches)	17.10	434.34	mm	Scan		
Max Media Capacity (sheets)	350	Depth (inches)	19.30	490.22	mm	Doc Feeder		
Power Consumption (watts)	60W	Weight (pounds)	52.20	23.68	kg	Full System	\$729.00	€522.26

Feature Checklist

Value Add	Print	Scan	Copy
USB Convenience Port <input type="checkbox"/>	Duplex Printing <input checked="" type="checkbox"/>	Color Scanning <input checked="" type="checkbox"/>	Duplex Document Feeder <input checked="" type="checkbox"/>
PC Fax <input checked="" type="checkbox"/>	Network Printing <input checked="" type="checkbox"/>	Network Scanning <input checked="" type="checkbox"/>	Ease of Use
Walk-Up Fax <input checked="" type="checkbox"/>	Microsoft Windows <input checked="" type="checkbox"/>	Software	Graphic Display <input checked="" type="checkbox"/>
LAN Fax <input type="checkbox"/>	Apple Mac <input checked="" type="checkbox"/>	Desktop Software <input checked="" type="checkbox"/>	Touch Screen <input type="checkbox"/>
Image Quality	Linux <input type="checkbox"/>	Web Utilities <input checked="" type="checkbox"/>	Navigation Keys <input checked="" type="checkbox"/>
BW Office IQ <input checked="" type="checkbox"/>	GDI Printing <input checked="" type="checkbox"/>	Media Handling	Maintenance
Color Office IQ <input checked="" type="checkbox"/>	PCL <input checked="" type="checkbox"/>	Feeds 110-lb. Index Stock <input checked="" type="checkbox"/>	All-in-One Toner Cartridge <input checked="" type="checkbox"/>
Professional IQ <input type="checkbox"/>	PostScript <input type="checkbox"/>	Max Weight from all Sources <input type="checkbox"/>	Finishing
Photographic IQ <input type="checkbox"/>	Adobe PostScript <input type="checkbox"/>	Holds Full Ream of Media <input type="checkbox"/>	Finishing <input type="checkbox"/>

Wirth Consulting Ratings* *On a scale of 0-5, with 5 being the best

Value	3.5
Features	3.0
Image Quality	3.0
Printing	2.5
Copying	3.0
Scanning	3.0



3.5	Installation
3.5	Software
4.0	Build Quality
3.5	Ease of Use
4.0	Maintenance
2.5	Media Handling

Ratings Scoreboard* *Highest possible scores: Overall, 60; Copier, 45; Printer, 50; Scanner, 40; Usability, 25

Overall Score	39.0	Copier Score	30.0	Printer Score	33.0	Scanner Score	27.0	Usability Score	18.5
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"What You Should Know"

Make **Ricoh**

Model **GelSprinter GX3050SFN**

Classification **Color MFPs From \$500 To \$750**

Consumables Pricing and Yields* *All supply yields are based on an original area coverage of 5% per color

Black Ink/Toner Price	\$32.99	Magenta Ink/Toner Yield (pages)	1,000	Maintenance Kit Price	
Black Ink/Toner Yield	1,500	Yellow Ink/Toner Price	\$35.99	Maintenance Kit Yield	
Cyan Ink/Toner Price	\$33.99	Yellow Ink/Toner Yield	1,000	Other Type	
Cyan Ink/Toner Yield	1,000	Multicolor Ink Price		Other Price	
Magenta Ink/Toner Price	\$35.99	Multicolor Ink Yield		Other Yield	
Black Consumables Cost per Page		\$0.0220	Color Consumables Cost per Page		\$0.1280

Total Cost Per Page*

Total Cost of Ownership**

*Cost Per Page and **Total Cost of Ownership include the purchase price depreciated over a five-year period. ***Mixed=Based on print usage of 66% Black and 33% Color

Monthly Volume	Black CPP	Color CPP	Monthly Volume	Black TCO	Color TCO	***Mixed TCO
50 pages	\$0.265	\$0.371	50 pages	\$794.98	\$1,112.89	\$891.94
100 pages	\$0.143	\$0.249	100 pages	\$860.96	\$1,496.78	\$1,062.17
250 pages	\$0.071	\$0.177	250 pages	\$1,058.90	\$2,648.45	\$1,572.86
500 pages	\$0.046	\$0.152	500 pages	\$1,388.80	\$2,648.45	\$1,790.60
1,000 pages	\$0.034	\$0.140	1,000 pages	\$2,048.60	\$8,406.80	\$4,126.32
2,000 pages	\$0.028	\$0.134	2,000 pages	\$3,368.20	\$16,084.60	\$7,530.93
3,000 pages	\$0.026	\$0.132	3,000 pages	\$4,687.80	\$23,762.40	\$10,935.54
4,000 pages	\$0.025	\$0.131	4,000 pages	\$6,007.40	\$31,440.20	\$14,340.15
5,000 pages	\$0.024	\$0.130	5,000 pages	\$7,327.00	\$39,118.00	\$17,744.76

Wirth Consulting Commentary

Strengths

- 400 MHz CPU.
- Low B&W consumables' cost per page of 2.2 cents, and moderate color consumables' cost per page of 12.8 cents.
- Print on up to 140 lb. index (68 lb. bond) with optional bypass tray.
- Capable SmartDeviceMonitor for Admin network management; also, SmartDeviceMonitor for Clients for monitoring by clients.
- Automatic duplexing.
- OpenText document server enables organizations to capture documents from a variety of Ricoh devices and store them in a secure document repository.
- DeskTopBinder desktop document management software allows for retrieval, editing, annotating and forwarding of scanned documents stored locally, on the network or on other document server-equipped devices.

Limitations

- Wirth Consulting has determined that this device does not have any notable limitations and should provide good functionality.

Notes

- Optional 100-sheet multipurpose media tray (\$143.99)
- Optional 500-sheet Paper Feed Unit (\$N/A)

Best Use

Small businesses and workgroups, and some enterprises, that require a compact, relatively low-cost MFP with color print/copy capability, as well as scan and fax, with capable printer-management features. Its durable design, standard duplexing, as well as its competitive B&W and color Cost Per Page and Total Cost of Ownership make it most suitable for use as an all-purpose MFP as well as for home use.