Xerox Phaser 8560DN

BUYERS LABORATORY INC. Lab Test Report

A Comprehensive BLI Laboratory Evaluation

Xerox Phaser 8560DN

16 PPM Color Solid Ink Printer*

HIGHLY RECOMMENDED 2007 LAB TESTED

Reliability .... Excellent
Administrative Utilities .... Very Good
Feedback to Workstations .... Excellent
Ease of Network Setup .... Excellent
Print Drivers .... Very Good
Applications Compatibility .... Excellent
Color Print Quality .... Very Good
Black Print Quality .... Very Good
Color Print Productivity .... Excellent
Black Print Productivity .... Excellent
Ease of Use.. Excellent
Feature Set .... Very Good
Ink Yield .... Good
Cost per Page (Color/Black)................ 11.239¢/1.879¢
Value .... Very Good

* In Enhanced mode, the unit's default setting.

Test duration: Two months, including a 42,500-impression durability test.

Manufacturer's recommended monthly volume: Up to 85,000 impressions.
BLI's recommended monthly volume for optimum performance: Up to 15,000 impressions.
More information on the Xerox Phaser 8560DN is available through bliQ (www.buyerslab.com/bliQ).

BLI RECOMMENDATION

ALSO INSIDE

▶ *Test Procedures*

▶ *Specifications*

▶ *Certificate of Reliability*

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Ratings scale: Excellent, Very Good, Good, Fair and Poor.

The Xerox Phaser 8560DN proved to be a superb unit during its two-month lab assessment at BLI. With a manufacturer-rated speed of 16 ppm for both color and monochrome in the default Enhanced mode (or as fast as up to 30 ppm for both in Fast Color mode or as slow as up to 10 ppm for both in Photo mode, which provides the highest-quality output), the legal-size color solid ink printer demonstrated flawless—no misfeeds and no service of any kind required—reliability throughout its 42,500-impression durability test, earning ratings of either Excellent or Very Good in almost every aspect of performance evaluated.

Equipped with outstanding feedback to end-user workstations and administrative utilities, including CentreWare Internet Services—the embedded Web page— and the Xerox Support Centre, the Phaser 8560DN is easy to set up, use and

LAB TEST

maintain. The unit comes with a standard genuine Adobe PostScript 3 print driver, which helped both color and black image quality garner ratings of Very Good; the Phaser 8560DN has automatic color calibration and supports various color standards that allow users further control over color output such as PANTONE-approved solid-color simulations, Adobe PostScript device-independent color and CIE international color standards, as well as ICC and Apple ColorSync management systems.

Moreover, productivity in both modes was excellent overall; in fact, the unit's efficiency in both modes in BLI's job stream, which replicates typical office usage in a multi-user environment, was the highest compared to legal-size color laser/LED printers tested to date. Additionally, the Phaser 8560DN recorded the fastest first-print-out times for the Word document and PowerPoint file used in BLI's raster tests for the group.

Also noteworthy is that the unit's maximum memory capacity is among the highest for the group, and its price tag and supplies cost per page for both color and monochrome output are all lower than the average.

Based on all these findings, BLI highly recommends the Phaser 8560DN for offices with monthly print volumes of up to 15,000 impressions.

PERFORMANCE OVERVIEW

+, − and ○ represent positive, negative and neutral attributes, respectively.

RELIABILITY   EXCELLENT

+ The Phaser 8560DN is certified highly reliable by BLI, completing its 42,500-impression durability test with nary a misfeed. Furthermore, no service of any kind was required.

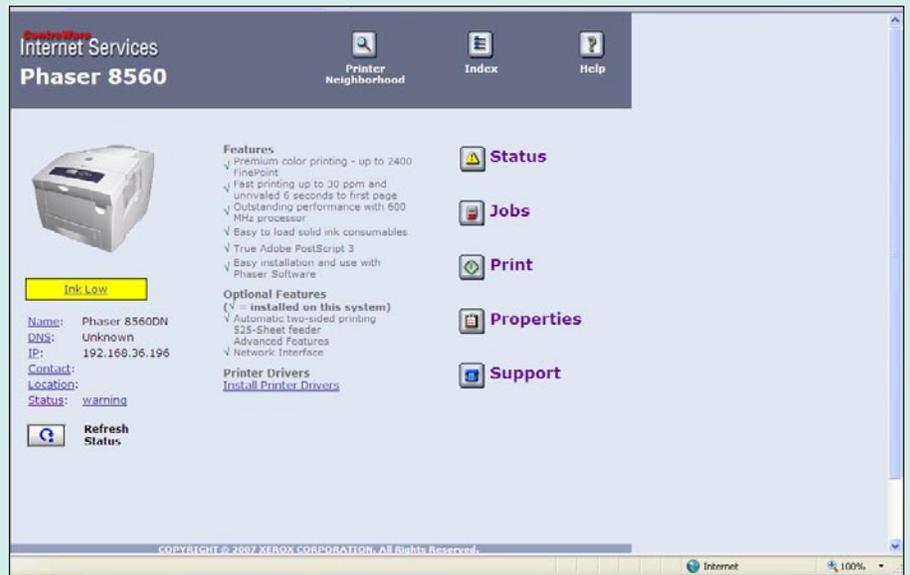## ADMINISTRATIVE UTILITIES   VERY GOOD

+ The unit's embedded Web page—CentreWare Internet Services (IS)—allows administrators to manage it on the network and configure various device settings. Additionally, the embedded Web page lets administrators and users check status, how much paper is left in the drawers and the remaining life of ink and the maintenance kit.

+ The Job Accounting feature of CentreWare IS also provides a job history list that displays detailed information on jobs sent to the Phaser 8560DN, including the name of the job, the user or PC that sent the job and the number of pages, as well as the start and end times.
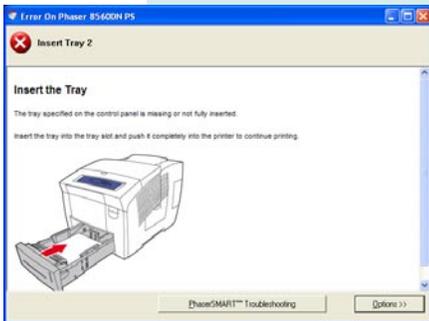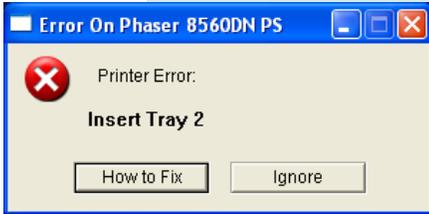
CentreWare Internet Services

— Whereas the embedded Web pages of some competitive devices have graphical representations or approximate percentages of paper and toner, CentreWare IS indicates only "Empty" or "Full" for paper supply and "OK" or "Empty" for remaining ink.

○ CentreWare MC, which is a snap-in utilized with the Microsoft Management Console in the Windows XP environment, can be used to discover Xerox and non-Xerox printers on the network. The utility displays the IP addresses of the discovered printers; clicking on the IP address will bring up that respective printer's embedded Web page. When using CentreWare MC, the administrator can configure the utility to require the user to log in when accessing it.

○ Though it wasn't tested, Xerox also offers CentreWare Web, which can be used to troubleshoot and manage multiple Xerox and non-Xerox printers, queues and groups of printers. Moreover, the utility can also be utilized to view status information and page count histories, and customize alerts, printer properties and report generation, including asset, status, accounting and alert history.

+ Xerox Support Centre provides quick access to all user documentation, tools and utilities that come with the unit via a Web browser.

+ The Usage Analysis Tool enables the administrator to collect, organize and analyze job accounting data.

▲ FEEDBACK TO WORKSTATIONS   EXCELLENT

Pop-Up Error Message and Instructional Pop-Up Window

+ PrintingScout provides excellent feedback to every workstation on which the driver is loaded; while the utility is automatically installed with the driver, it must be enabled in the driver to function. PrintingScout polls the Phaser 8560DN before a job is sent and informs the user if there are any errors; if there's an error, a pop-up window is generated at the workstation informing the user of what's wrong and how to correct it before the job is sent.

+ PhaserSMART, which is a remote diagnostic tool, provides automated Internet-based support for users.

+ CentreWare IS can be used to configure e-mail alerts that can be sent to specified users when error or warning conditions occur.

+ Xerox printers also include one of the best implementations of pop-up job completion notification that BLI has seen in testing; a very small message box appears, informing the user that the job has been completed without interrupting workflow.

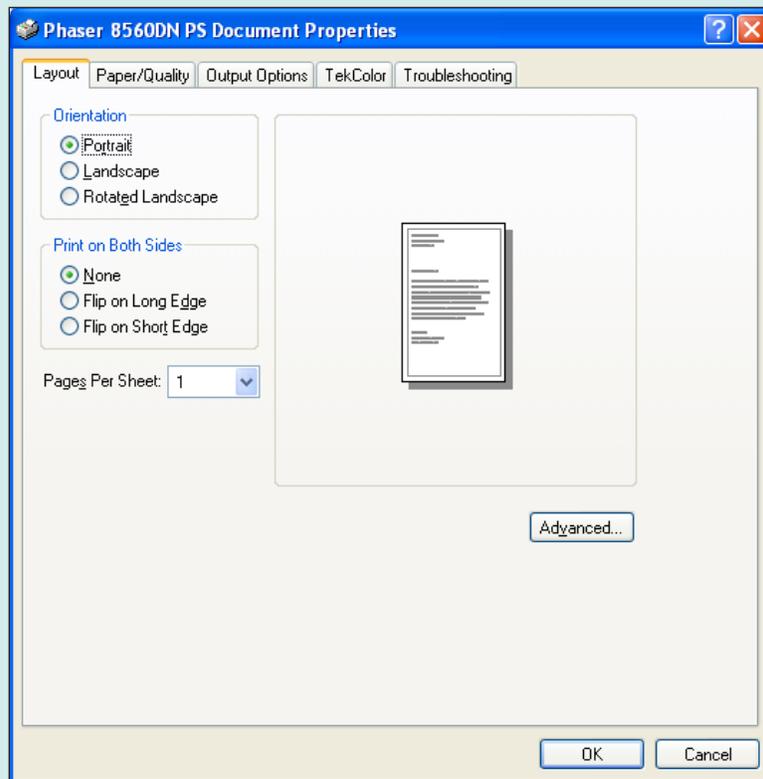## ▲ EASE OF NETWORK SETUP   EXCELLENT

+ The unit comes with one CD that contains the PostScript print driver, utilities, user documentation and a setup video.

+ The Phaser 8560DN is easy to install on the network, and users will be up and running in minutes. The port is automatically created and the IP address is assigned using DHCP. Additionally, the PostScript driver automatically detects optional features, while the embedded Web page also contains links to the drivers from the main page. In total, it takes only four clicks to install the PostScript driver.

— Although the PCL driver wasn't tested, it must be installed separately.

+ Using CentreWare, administrators can copy settings to other devices on the network using the Clone Printer feature.

▲▼ PRINT DRIVERS   VERY GOOD

+ The unit ships with a standard genuine Adobe PostScript 3 driver for Windows 2000, XP, Server 2003 and Vista, as well as Mac OS 9.x and X v10.2+;

the PostScript driver was easy to use on the Windows 2000 platform tested. Additionally, a PCL 5c driver is available for free download from the Xerox Web site.

+ The PostScript driver, which is well laid out, is graphical in nature and provides selections for most of the commonly used features on the main screen. Furthermore, although the PCL driver wasn't tested, both it and the PostScript driver are almost identical in layout, which enhances ease of use in environments where users often switch between them.

○ The PostScript driver has a feature set, including booklet and N-up printing, that is typical for legal-size color laser/LED printers. Moreover, the driver allows for mirror image, quantity selection of up to 9,999 and the ability to save settings for frequently used job features. Secure and proof printing can be activated once the optional hard drive is enabled.

+ Advanced color settings in the PostScript driver allow the user to adjust color output.

+ File size doesn't increase from one set printed using a 10-page document when producing multiple sets regardless if Collate is selected from the driver or within the application.

Adobe PostScript3 Print Driver—Layout Tab

▲ APPLICATIONS COMPATIBILITY   EXCELLENT

+ No problems were experienced with any of the test files used in the applications compatibility tests. Units are tested for compatibility on the Windows XP platform with Microsoft Word 2000, PowerPoint 2000, Excel 2000, as well as Adobe PageMaker 7.0, Photoshop 6.0 and Acrobat 6.0, using 25 application test files that contain text, graphics, halftone images, tables, etc., enabling BLI technicians to evaluate memory usage, file processing, font rendering and grayscale capability.

▲▼ IMAGE QUALITY

Color Print Quality   VERY GOOD

+ Business graphics were rated Very Good, as solid color output showed consistent ink coverage, colors in charts and graphs were vibrant and eye-catching and fine details were sharp. In addition, the Phaser 8560DN reproduced backgrounds very well. Although flesh tones had a slight yellow undertone, photographic images were also very good overall, as output wasn't grainy at all and color halftones were produced over a better-than-average range. Over the course of testing, color output remained very consistent, with no visible change from the beginning to the end of the test period. Color output was even better in the unit's High Resolution/Photo mode.

Black Print Quality   VERY GOOD

+ Text output produced by the Phaser 8560DN was rated Very Good, as output was dark and clearly readable with no ink overspray. Line art was also very good overall, with fully formed circles and consistent line weight. Additionally, there was minimal evidence of stair-stepping of diagonal lines, and no overspray was visible. Halftone pattern and range were both rated Excellent; grayscale was visible from the 1 to 95 percent dot-fill levels, with distinct transitions between all levels and smooth coverage within levels. Solids were also excellent overall thanks to above average density readings and consistency of coverage. Black output was even better in the unit's High Resolution/Photo mode.

PRODUCTIVITY

Color Print Productivity   EXCELLENT

+ Using the PostScript driver, the Phaser 8560DN completed BLI's job stream, which replicates typical office usage in a multi-user environment, at 96.6 percent of its rated color speed, which translates into an efficiency rate that's the highest compared to legal-size color laser/LED printers tested to date.

+ The unit's overall print efficiency of 90.1 percent in simplex mode is among the highest compared to legal-size color laser/LED printers in this speed range tested to date. Similarly, its overall print efficiency of 76.1 percent in duplex mode is well above average.

+ While the Phaser 8560DN's first-print-out times for the TIFF and JPEG files used in BLI's raster tests are among the fastest compared to legal-size color laser/LED printers tested to date, its first-print-out time for the PowerPoint file used in testing is the fastest to date.

Black Print Productivity   EXCELLENT

+ Using the PostScript driver, the unit completed BLI's job stream at 102.3 percent of its rated monochrome speed, which translates into an efficiency rate that's the highest compared to legal-size color laser/LED printers tested to date.

+ The Phaser 8560DN's overall print efficiency of 94.9 percent in simplex mode is the second highest compared to legal-size color laser/LED printers in this speed range tested to date. Similarly, its overall print efficiency of 76.8 percent in duplex mode is above average.

+ While the unit's first-print-out time for the PDF file used in testing is among the fastest compared to legal-size color laser/LED printers tested to date, its first-print-out time for the Word document used in testing is the fastest to date.
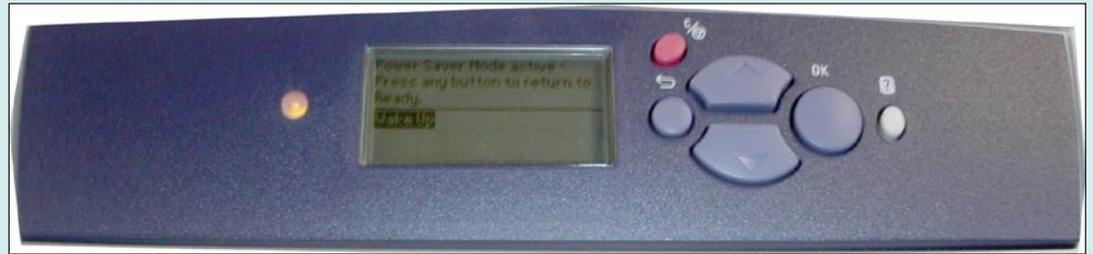
EASE OF USE   EXCELLENT

+ The control panel features a 2-1/4" x 1-1/16" six-line LCD, which can be adjusted for brightness and contrast. Furthermore, there is one LED—Ready—and six hard keys—Cancel, Return, OK and ? (Help), as well as up and down arrow keys.

Xerox Phaser 8560DN Control Panel

\+ The Phaser 8560DN is easy to use from the desktop via the well-laid-out drivers.

\+ The unit offers straightforward procedures for loading paper and removing misfeeds.

\+ Replacing the solid ink sticks is as easy as loading a stapler. The sticks, which are numbered, color coded and specially keyed to fit only into their respective slot, need only be dropped into the ink loader underneath the top cover.

FEATURE SET   VERY GOOD

\+ The Phaser 8560DN's standard memory capacity of 256 MB is above average compared to legal-size color laser/LED printers. Furthermore, its maximum memory capacity of 1,024 MB is among the highest.

\+ Xerox offers an optional 40-GB hard drive for the Phaser 8560DN for added storage functionality.

○ The Phaser 8560DN's standard and maximum paper capacities of 725 and 1,775 sheets, respectively, are competitive for the group.

○ The bypass tray's capacity of 100 sheets is competitive.

\+ The drawers can accommodate paper from 16-lb. bond to 45-lb. cover, while the bypass can accommodate paper up to 80-lb. cover, both of which are heavier than many competitive devices.

\+ Automatic duplexing is standard with the unit.

SECURITY/ACCESSIBILITY FEATURES

NOT RATED

+ When configured with the optional hard drive, the Personal Print feature and Secure Print can be enabled. For the former, if a user sends a job to the Phaser 8560DN, the job is stored to the user's profile until the user selects his name on the control panel or in CentreWare IS. For the latter, if a user sends a Secure Print job, the job is stored on the hard drive until the user who sent the job enters his user name and four-digit numeric password on the control panel; the job is automatically deleted from the hard drive after printing.

+ Using CentreWare IS, the administrator can lock the control panel setup menus to prevent unauthorized changes from being made to the printer's configuration.

+ Using CentreWare IS, the administrator can prevent unauthorized printing access by entering the IP addresses or host names of all PCs allowed printing access into the Host Access List field.

+ Using CentreWare IS, the administrator can restrict color printing by using Color Access Control. An administrator enters a four-digit numeric password in the Color Permission PIN field to control access to color printing. Users must enter this password in their driver settings to enable color printing functions and features.

INK YIELD

GOOD

○ While the tested ink yields for the black and color ink sticks are competitive to below average for tested laser/LED printers in this speed range, the ink yields are competitive to slightly higher than those of tested business inkjet printers that employ four separate ink cartridges.

VALUE

VERY GOOD

+ When equipped with similar standard features, the unit's price tag, at 30 percent lower than the average of legal-size color laser/LED printers in this speed range, is among the lowest in the group.

+ While the Phaser 8560DN's color supplies cost per page, at 11.239¢, is 8.8 percent lower than the average of legal-size color laser/LED printers in this speed range tested to date, its monochrome supplies cost per page, at 1.879¢, is 11.5 percent lower than the average.

SUPPORTING TEST DATA

Test Environment

This product was tested in BLI's 10,000-square-foot test lab, in an environment monitored by a Honeywell Temp/RH chart recorder, which replicates typical office conditions.

Test Equipment

BLI's dedicated test network, consisting of Windows 2000 and Microsoft Exchange servers, Windows XP workstations, 10BaseT/100BaseTX network switches and CAT5 cabling.

Test Duration

Products are tested for two months, one month of which consists of a durability test during which the product is run at its manufacturer-rated maximum monthly volume, with daily volumes divided evenly over the course of the test.

Tested Configuration

Xerox Phaser 8560DN base model.

Test Procedures

The test methods and procedures employed by BLI in its lab testing include BLI's proprietary procedures and industry-standard test procedures, which include a BLI-developed variation of ASTM's 1318-90 Test Method for Determination of Productivity using Electrostatic Copy Machines. In addition to a number of proprietary test documents, BLI uses an industry-standard KATUN test original for evaluating black image quality and test suites from Quality Logic to evaluate applications compatibility. In addition to a visual observation, color print quality is tested using the ANSI standard IT8 Color Test Target, which is read using the Minolta CM503I Spectrophotometer, and samples are analyzed using the CIE XY Chromaticity Diagram. In addition, density of black and color output is measured using an X-Rite 428 Densitometer. Georgia-Pacific Spectrum Multi-Use 20-lb. bond is used in the tests, 10 percent of which is recycled paper containing 30 percent post-consumer content. Image quality is tested using Georgia-Pacific Printing Paper (95 brightness, 22-lb. bond).

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▲ RELIABILITY

PMs/Malfunctions	Service Required	Meter Count (Impressions)	Impressions Between Service
Meter Count (Beginning of Test)		0	
End of Test Period		42,500	
Total Misfeeds/Misfeed Rate	0/Not applicable		
Total Service Calls		0	

▲ ADMINISTRATIVE UTILITIES

Included software:

The CentreWare printer management utility is designed mainly for network administrators. It can, however, be configured for users; once users are logged in, they can view and/or make changes to all of the same information available to the administrator. CentreWare comes in three different versions: CentreWare IS (the embedded Web page) is included with the device, while CentreWare MC and CentreWare Web can be downloaded from the Xerox Web site.

CentreWare Web, a multi-vendor and remote printer management, installation and troubleshooting application, can be used to perform a network or print server discovery and manage devices on TCP/IP networks using RFC-1759 SNMP (Simple Network Management Protocol). The utility allows administrators to remotely add ports, queues and drivers to Windows XP and NT4.x SP6 print servers; install, troubleshoot, upgrade and clone wizards to aid all users in performing administrative tasks; install CentreWare Web on a server for availability to all clients on the network that have Internet access; and support multiple users to provide for different levels or privileges for user access such as administrators or guests.
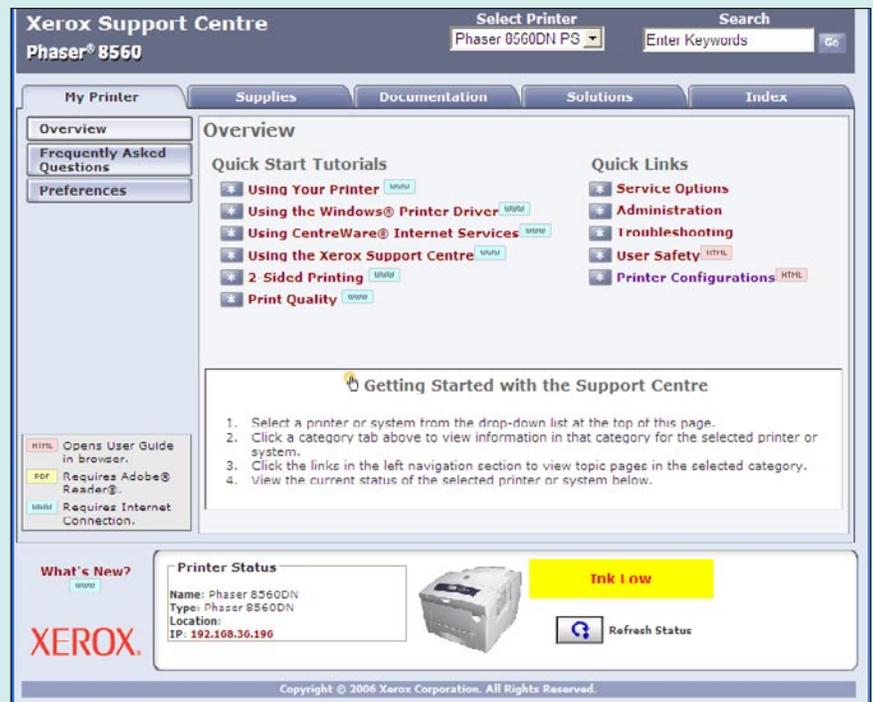
CentreWare MC is a plug-in for the Microsoft Management Console (MMC) that can identify Xerox printers on a network and allows users to manage multiple devices. MMC uses the TCP/IP number of the printer to identify devices—double-clicking the IP address of the Phaser 8560DN will launch CentreWare IS—and allows the user or administrator to create groups or to group like printers together. The CentreWare

software enables users to select Status, which will give them detailed information on device and consumables; Jobs provides a listing of all jobs that have been printed and will track the cost per page if the administrator or user has configured pricing for consumables; Print offers printer help files and demo pages that can be printed; Properties allows the user to change the printer settings or clone the settings if more than one of the same type of printer is installed on the network; Troubleshoot allows the administrator and/or user to locate and correct any problems that occur at the device; and Support provides links for ordering supplies and contacting technical support personnel, which is available only when using CentreWare IS and a Web browser.

If users view the status screen, they can get information regarding the general status of the unit, including paper status, output tray status, the status of consumables, refresh rate information and total page count.

Users may also access CentreWare IS, which is identical to CentreWare MC except for the way it's accessed by the user, who enters the IP address of the Phaser 8560DN into the address bar of a browser to access internal HTML pages. If users select Properties, they can view About Printer, which

Xerox Support Centre

is an overview of the unit; General allows the user to make changes or set printer defaults, adjust the time-outs and/or reset the printer; E-Supplies will send an e-mail to reorder supplies when necessary if the system has been configured to allow e-mails; Mail Alerts can be configured so that e-mails can be sent to the administrator, key user or designated service personnel when certain events occur at the device; Interfaces provides settings for the parallel port, USB port and Ethernet connection; Protocols allows any protocol to be changed and/or configured; Emulations allows users to change the emulation supported based on the type of port being used; Tool Preferences lets the administrator customize the printer installation; Security allows a password to be set for the printer; and Clone Printer provides a "clone" of the printer settings to be used on another device.

Embedded Web page:

Yes. The Phaser 8560DN's embedded Web page—CentreWare IS—allows the administrator and user to view status and remaining life of consumables; configure e-mail alerts for error conditions; view and modify settings; print usage and configuration reports; and view basic device information.

Consumables monitoring:

Yes, via CentreWare IS. The Supplies Status screen indicates whether each color of ink is "OK" or "Empty." The percentage of life remaining for the maintenance kit is also provided.

PRINT DRIVERS

Xerox Phaser 8560DN Print Driver Features

Features	Adobe PostScript 3
Auto Feature/Device Detection	Yes
Booklet Printing	Yes
Collate Sets	Yes
Max Paper Sources per Job	2
Mirror Image	Yes
Negative Image	No
N-up Printing	2 to 16
Overlays	No
Paper Gauge	No
Print and Hold	No
Proof Print	No
Quantity Selection	Up to 9,999
Reduction/Enlargement	1% to 1,000%
Resolution Modes	Fast Color; Standard; Enhanced; High Resolution/Photo
Save Settings	Yes
Secure Print	No
Watermarks/Custom Watermarks	Yes/Yes

Send once/print many:

The file size sent to the printer from the PC didn't increase when printing multiple collated sets regardless of whether Collate was selected from the Windows print screen within an application or from within the driver. Output was properly collated.

IMAGE QUALITY

Color Print Quality	
Business Graphics	Very Good
Photographic Images	Very Good

Comments:

Color print quality is tested using the ANSI standard IT8 Color Test Target with print samples taken at the beginning, mid-point and end of the test period. Samples are also taken when any major component on the device is changed. The ANSI IT8 Color Test Target is read using a Minolta CM503I Spectrophotometer and samples are analyzed using a CIE XY Chromaticity Diagram.

The Phaser 8560DN uses an internal automatic color calibration.

The unit's color engine produced a large gamut at the outset of testing, and because there were no primary or secondary color shifts during the test period, the gamut didn't change over the course of 42,500 impressions. The range of colors produced remained very consistent over the test period, with the secondary color red showing only the slightest shift toward yellow. Further proof of this fact is that a group of photographic images printed at the beginning of testing were extremely consistent with the same set of images printed at the end of the test period. Color output rendered by the Phaser 8560DN was rated Very Good.

Color Density Readings

Color	Cyan	Magenta	Yellow
Print Density	0.86	1.00	0.78

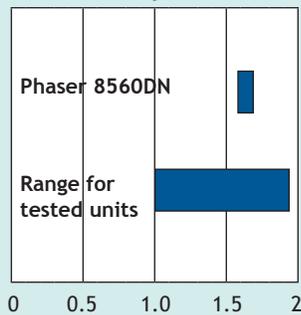*Density of a printed image with blocks of all solid colors (based on the average of two readings for each color).*

Black Print Quality	
Text	Very Good
Line Art	Very Good
Halftone Range	Excellent
Halftone Fill	Excellent
Solids	Excellent

Comments:

Text was clearly readable, as although characters weren't always fully formed, they were dark with no toner overspray. Line art was also very good overall, as circles were fully formed and lines were of consistent line weight and remained distinct when placed side by side. Halftones were produced over an excellent range, with no evidence of graininess. Solids were dark with excellent consistency of coverage. Black output rendered by the unit was rated Very Good.

Black density:

1.57 to 1.61

Density for units in this class tested to date:

1.00 to 1.94

Measurements are based on four readings corresponding to four different solid black locations on the output. The higher the density reading, the darker the image.

Halftone range:

Grayscale is clearly visible from the 1% to 95% dot-fill levels, with distinct transitions between all levels and consistent coverage within levels.

Typical halftone range for color laser/LED printers:

From the 6% to 90% dot-fill levels.

Print density

Phaser 8560DN

Range for tested units

0   0.5   1.0   1.5   2

▲ PRODUCTIVITY

Tested First-Print Times

Windows XP	Word	PowerPoint	Photoshop	Acrobat	Photoshop
File Type	Black Text	Color Graphic/ Text	Color Graphic	Black Graphic/ Text	Color Graphic
File Extension	DOC	PPT	TIF	PDF	JPG
Pre-Raster File Size	114 KB	99 KB	20 MB	426 KB	245 KB
Post-Raster File Size	121 KB	731 KB	51.6 MB	545 KB	2.17 MB
First-Print Time (Seconds)	6.27	6.75	25.01	8.04	8.91

All files are printed using the PostScript driver in the default Enhanced mode. First-print time indicates the time it took to RIP, image and deliver the first page of the test document to the output tray.

First-print time out of energy-save mode:
3 minutes, 25.80 seconds.

Xerox Phaser 8560DN's rated speeds:

Fast Color:
Up to 30 ppm in color and monochrome.
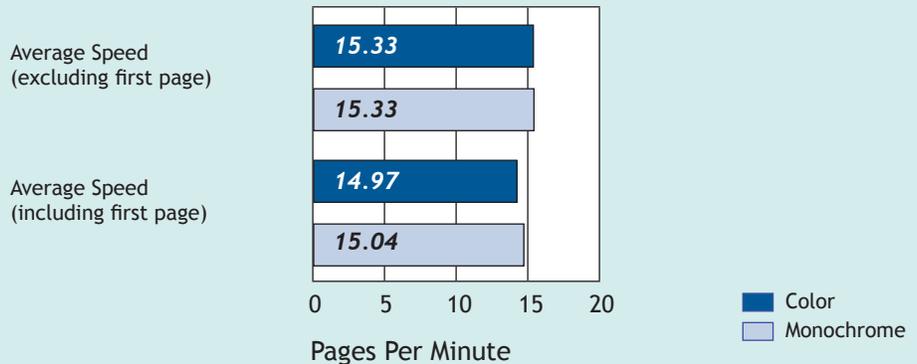
Standard:
Up to 24 ppm in color and monochrome.

Enhanced (default):
Up to 16 ppm in color and monochrome.

Photo:
Up to 10 ppm in color and monochrome.

BLI's Tested Print Speeds

Average Speed (excluding first page): **15.33** (Color), **15.33** (Monochrome)

Average Speed (including first page): **14.97** (Color), **15.04** (Monochrome)
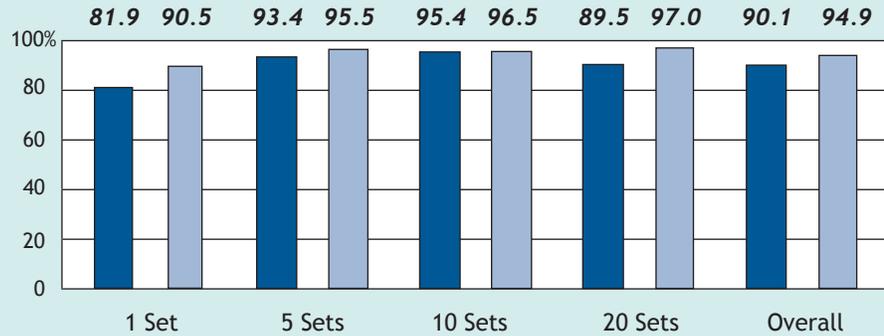
Pages Per Minute

Color / Monochrome

Print speed is tested using BLI's Monochrome Test Original with 6% page coverage and BLI's Color Test Original with 10% coverage for each color—cyan, magenta, yellow and black. The test page is printed in a quantity equal to double the vendor's rated print speed for the unit in each mode tested (e.g., if the vendor's rated print speed is 20 ppm, 40 pages are printed). The Phaser 8560DN's print speeds were tested in the default Enhanced mode using the PostScript driver.
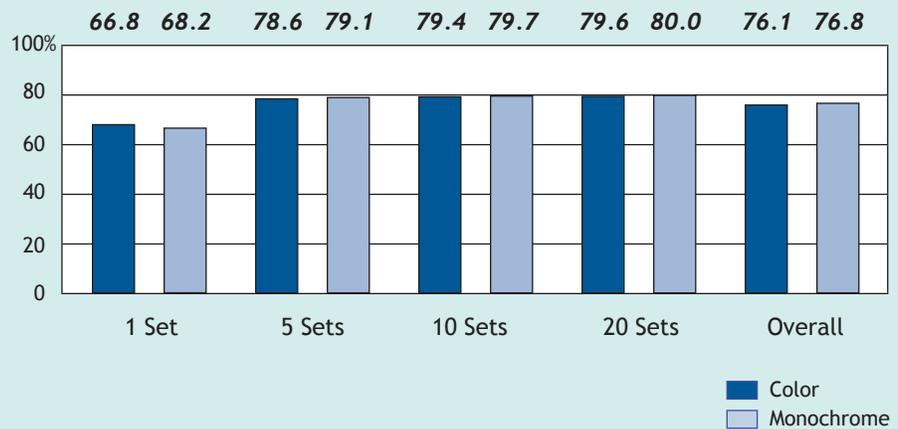
Overall Print Efficiency

Overall Simplex Print Efficiency

	1 Set	5 Sets	10 Sets	20 Sets	Overall
Color	81.9	93.4	95.4	89.5	90.1
Monochrome	90.5	95.5	96.5	97.0	94.9

Overall Duplex Print Efficiency

	1 Set	5 Sets	10 Sets	20 Sets	Overall
Color	66.8	78.6	79.4	79.6	76.1
Monochrome	68.2	79.1	79.7	80.0	76.8

■ Color
□ Monochrome

BLI obtains the overall efficiency percentage by dividing the tested speed of the device by the rated speed and then multiplying by 100 for each run length. All jobs are based on a 10-page document printed in the default Enhanced mode using the PostScript driver.

Job Stream Evaluation

A job stream consisting of nine files (a mix of Word, Excel, HTML, PowerPoint and e-mail) is sent to a paused print queue. All files are monochrome or monochrome and mixed color and consist of five or fewer pages (total of 19 pages). Timing begins when the queue is released and ends when the last page of the job stream completely exits the device.

Time to completion of all print jobs (PostScript):

Color:
1 minute, 13.75 seconds.

Monochrome:
1 minute, 13.30 seconds.

Range for legal-size color laser/LED printers tested to date:

Color (PostScript):
55.32 seconds to 11 minutes, 43.46 seconds.

Monochrome (PostScript):
41.62 seconds to 3 minutes, 41.40 seconds.

Problems encountered:
None

INK YIELD

Tested Toner Yield and Supplies Cost per Page (5% Coverage per Color)

Color	Net Weight (Grams)	Ink Yield (Impressions)	Impressions per Gram	Toner Cost per Page[1]	Total Toner Cost per Page[1]	Supplies Cost per Page[2]
Black	25.1	871	34.72	1.778 ¢		
Cyan	26.4	1,663	63.01	1.863 ¢	10.739 ¢	11.239 ¢
Magenta	25.3	890	35.18	3.478 ¢		
Yellow	25.3	856	33.81	3.620 ¢		

1 Ink cost per page is based on Xerox's Web pricing for the individual ink sticks (calculated by dividing the price of a multi-pack of sticks by the number of sticks to obtain the price for one) and BLI's tested ink yields using an ink yield test original with 5% page coverage per color.

2 Supplies cost per page is based on Xerox's Web pricing, BLI's tested ink yields for all four colors of ink—cyan, magenta, yellow and black—and Xerox's rated yield for the high-capacity maintenance kit.

Tested Toner Yield and Supplies Cost per Page (6% Page Coverage)

Color	Net Weight (Grams)	Ink Yield (Impressions)	Impressions per Gram	Toner Cost per Page[1]	Supplies Cost per Page[2]
Black	25.2	1,124	44.59	1.379 ¢	1.879 ¢

1 Ink cost per page is based on Xerox's Web pricing for one black ink stick (calculated by dividing the price of a multi-pack of black sticks by the number of sticks to obtain the price for one) and tested ink yield using BLI's ink yield test original with 6% page coverage.

2 Supplies cost per page is based on Xerox's Web pricing, BLI's tested ink yield for the black ink stick and Xerox's rated yield for the high-capacity maintenance kit.

Xerox Phaser 8560DN

30 ppm/30 ppm (mono/color) Desktop Solid ink

US release:	February 2007
US SRP/Street:	$999/None
Color Type:	4-color
Controller:	INA
CPU/Bits/MHz:	INA/INA/600
Memory (std / max):	256 MB/1 GB
HDD:	Opt 40 GB
PDLs:	PCL 5c, Adobe PostScript 3

FAD 34631

■ ENGINE

Mfr/Model/Country:	Xerox/Phaser 8560DN/INA
Monthly Duty Cycle:	85,000 impressions
Rated Engine Life:	INA

■ RESOLUTION

Standard:	600 x 600 dpi
Enhanced:	2400 FinePoint

■ INTERFACE / CONNECTIVITY

Client OS Spt:	Windows 2000/XP/2003 Server/Vista, Mac OS 9.x/X version 10.2+
Network Spt:	NetWare, Mac, Windows,
Std Interface:	USB 2.0, 10/100BaseTX Ethernet
Opt Interface:	802.11b/g
Printer Mgmt:	CentreWare Printer Management, CentreWare IS embedded Web Server, NDPS Gateway, PrintingScout, PhaserSMART

COMMENTS: Optional Xerox productivity kit includes a 40-GB hard drive and supports personal, secure and proof printing, collation, font storage and hard drive overwrite; remote administration via embedded Web Server; PhaserSMART, an online troubleshooting tool provides users with access to Xerox's knowledge base system

PAPER HANDLING

Std/Max Paper Source(s):	2/4
Std/Max Paper Capacity:	625 sheets/1,675 sheets
Paper Size (W x L):	8-1/2" x 14" max
Print Area (W x L):	INA max
Paper Weights:	16-lb bond to 45-lb cover
Std Output Capacity:	300 sheets
Other Output:	None
Bypass (Capacity/Weight):	100 sheets/16-lb bond to 80-lb cover
Automatic Duplexing:	Standard

FEATURES

Collation:	Optional
Color Depth (Bits):	INA
Color Management:	INA
Fonts:	INA
IPP (Web) Support:	Standard
RIP Once/Print Many:	Optional
Secure Printing:	Optional

Other: Custom-size pages; booklet printing; remote printing; "Smart" trays display the current paper type and size available in each tray; job accounting; run black mode; Printer Neighborhood is a tool in CentreWare IS that enables users to search for printers on the network

ADDITIONAL INFORMATION

Display/Characters:	LCD/INA
Energy Star Compliance:	Yes
Noise Level (Print/Idle):	54 dB / 33 dB
Power Consumption:	230W max
Power Reqs (V/Hz/Amps):	110-240/50-60/INA
Warranty:	One-year on-site, Xerox Total Satisfaction Guarantee
Weight (Base Unit):	60 lbs
Dimensions (H x W x D):	14.5" x 16" x 21"

OPTIONS

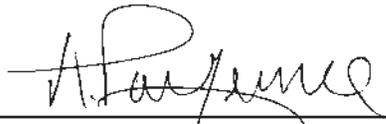|	
Productivity kit (incls hard disk drive) (097S03812):	$499
525-sheet tray (097S03174):	$399
256-MB memory (097S03381):	$599
512-MB memory (097S03382):	$719
Wireless network adapter (097S03740):	$219
System cart (097S03318):	$299
Standard capacity/High capacity maintenance kit (10,000/30,000 pages) (108R00675)/(108R00676):	$99.99/$149.99
Waste tray (109R00754):	$38.99
Cleaning kit (016-1845-00):	$6.49

SUPPLIES

Black (3 sticks) (108R00726): Ink: $60.99; yield-3,400 pages; coverage-5%

Color (C,M,Y) (3 sticks each) (108R00723), (108R00724), (108R00725): Ink: $92.99 each; yield-3,400 pages each; coverage-5% each

Black ink (6 sticks) (108R00727): $92.99; yield-6,800 pages; coverage-5%

CERTIFICATE OF RELIABILITY

AWARDED TO

XEROX CORPORATION

For the performance of the
Xerox Phaser 8560DN
throughout BLI's in-house durability test.

This is to certify that when subjected to a 42,500-impression
Buyers Lab durability test in a networked environment,
the Xerox Phaser 8560DN proved to be a highly reliable product.

ANTHONY F. POLIFRONE
MANAGING DIRECTOR

June 2007
DATE

RELIABILITY CERTIFIED

BUYERS LABORATORY INC.

TESTED