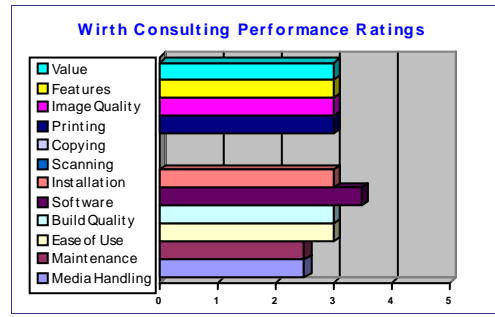


©Head2Head Comparison

Make	OKI Printing Solutions	
Model	C8800dn	
Price	\$2,688.99	
Imaging	LED-array	
Classification	A3 Toner-Based Color Printers	
Resolution (dpi)	1,200x600	Network Scan <input type="checkbox"/>
BW/Color Print Speed (ppm)	32/26	Color Scan <input type="checkbox"/>
Monthly Duty Cycle (pages)	75,000	Network Print <input checked="" type="checkbox"/>
Max Media Length (inches)	17.0	Duplex Print <input checked="" type="checkbox"/>
Max Media Width	11.00	Duplex DF <input type="checkbox"/>
Walk-Up Fax <input type="checkbox"/>	Touch Screen <input type="checkbox"/>	USB 2.0 Port <input checked="" type="checkbox"/>

As with other OKI Printing Solutions' printers and MFPs, the C8800dn A3 color printer employs LED (light-emitting diode) technology, which is similar to laser imaging, but which OKI Printing Solutions says tends to be more reliable than laser imaging. Among A3 color laser printers, this single-pass color-imaging device has a low acquisition price of \$2,689.99. Of special note is the printer's ability to print on banner-size sheets up to 11.6"x47.24" via its bypass tray.



RATINGS SCOREBOARD Total Ratings Score **29.5**

Supplies Cost Per Page


Black/Color	\$0.02190	\$0.08136	
Total Cost of Ownership (Black/Color/ Mixed)			
100 pages/month	\$2,793.55	\$3,150.33	\$2,883.35
500 pages/month	\$3,211.80	\$4,995.70	\$3,768.37
1,000 pages/month	\$4,002.70	\$7,570.49	\$5,140.04
3,000 pages/month	\$6,630.12	\$17,333.49	\$10,095.95
5,000 pages/month	\$9,257.54	\$27,096.49	\$15,051.82

Strengths	Limitations
<ul style="list-style-type: none"> Prints on banner-size sheets up to 11.6"x47.24" and on media as small as 3"x5". Optional 40-GB hard drive. Optional data encryption and hard-drive erase. 500 MHz PowerPC CPU. Memory can be expanded to 768 MB. Supports MS Windows and Apple Mac. Accepts up to 54 lb. (75 gsm) and 110 lb. index (203 gsm). High Definition (HD) color-imaging technology for enhancing color image quality. Job Accounting software. Bar-code printing. 	<ul style="list-style-type: none"> No optional document finishing. <p>NOTE: In the "Consumables Pricing and Yields" chart above, "Maintenance Kit" refers to a Transfer Belt Unit (\$268.09; yields 60,000 pages), while "Multicolor Ink Price" refers to a 1200-page Fusion Kit (\$27,096.49; yields 60,000 pages).</p>

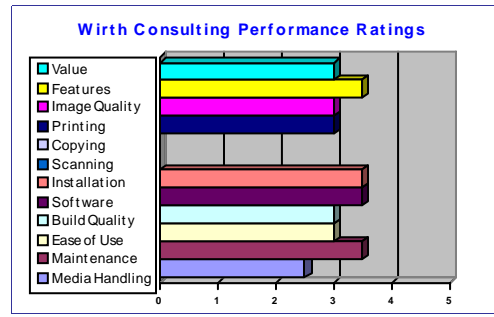
Best Use

OKI Printing Solutions' C8800dn will be most appropriate for environments that specifically require the capability to print in color on up to 11"x17" media or for printing on up to 11.6"x47.24" banner sheets (via the bypass tray). With standard network connectivity and network-management capabilities, it will also be appropriate for some enterprise use.

©Head2Head Comparison

Make	Hewlett-Packard	
Model	Color LaserJet 5550dn	
Price	\$3,189.99	
Imaging	Laser	
Classification	A3 Toner-Based Color Printers	
Resolution (dpi)	600x600	Network Scan <input type="checkbox"/>
BW/Color Print Speed (ppm)	27/27	Color Scan <input type="checkbox"/>
Monthly Duty Cycle (pages)	120,000	Network Print <input checked="" type="checkbox"/>
Max Media Length (inches)	17.0	Duplex Print <input checked="" type="checkbox"/>
Max Media Width	11.00	Duplex DF <input type="checkbox"/>
Walk-Up Fax <input type="checkbox"/>	Touch Screen <input type="checkbox"/>	USB 2.0 Port <input checked="" type="checkbox"/>

Built on Hewlett-Packard's tried-and-true Color LaserJet platform, the Color LaserJet 5550dn prints at up to 27 ppm in both B&W and color, and features a 533 MHz CPU and Jetdirect network interface (a wireless Ethernet Jetdirect interface is optional). Built-in XHTML enables users to print from Bluetooth-enabled devices such as mobile phones and PDAs.



RATINGS SCOREBOARD Total Ratings Score **31.5**

Supplies Cost Per Page

Black/Color	\$0.02237	\$0.11202	
Total Cost of Ownership (Black/Color/ Mixed)			
100 pages/month	\$3,314.25	\$3,852.99	\$3,455.63
500 pages/month	\$5,811.31	\$6,500.98	\$4,660.79
1,000 pages/month	\$8,432.62	\$9,811.97	\$6,163.48
3,000 pages/month	\$17,216.38	\$23,354.43	\$12,469.17
5,000 pages/month	\$26,900.64	\$36,797.39	\$18,677.56

Strengths	Limitations
<ul style="list-style-type: none"> 533 MHz CPU. Embedded Jetdirect 620n Fast Ethernet network interface. Print page substitution. Optional HP Jetdirect 680n 802.11b wireless Ethernet network interface. Built-in XHTML enables users to print from Bluetooth-enabled devices such as mobile phones and PDAs. Online toner ordering via StoreSupplies, which also monitors current toner levels. Automatic color density and calibration for more consistent color output. HP's ImageREt 3600 for enhanced image density. Supports MS Windows and Apple Mac OS 9+. 	<ul style="list-style-type: none"> No optional document finishing. Color consumables' cost per page is relatively high at 11.2 cents. Relatively high Total Cost of Ownership (TCO). <p>NOTE: In the "Consumables Pricing and Yields" chart above, "Maintenance Kit" refers to the Image Transfer Kit.</p>

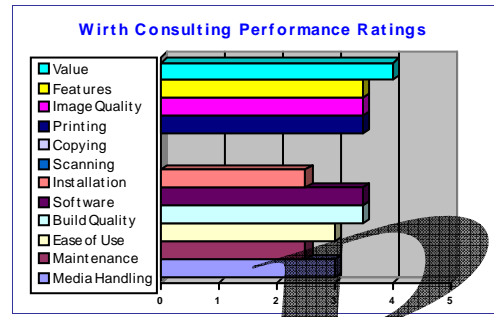
Best Use

The Color LaserJet 5550dn will be appropriate for environments that specifically require the capability to print in color on up to 11"x17". With standard Jetdirect network connectivity and network-management capabilities, it will also be appropriate for enterprise use.

©Head2Head Comparison

Make	Konica Minolta	
Model	magicolor 7450	
Price	\$2,798.99	
Imaging	Laser	
Classification	A3 Toner-Based Color Printers	
Resolution (dpi)	9600x600	Network Scan <input type="checkbox"/>
BW/Color Print Speed (ppm)	24.5/24.5	Color Scan <input type="checkbox"/>
Monthly Duty Cycle (pages)	120,000	Network Print <input checked="" type="checkbox"/>
Max Media Length (inches)	18.0	Duplex Print <input checked="" type="checkbox"/>
Max Media Width	12.25	Duplex DF <input type="checkbox"/>
Walk-Up Fax <input type="checkbox"/>	Touch Screen <input type="checkbox"/>	USB 2.0 Port <input checked="" type="checkbox"/>

The magicolor 7450 is based on a robust 733 MHz G4 CPU and Konica Minolta's Emperon print system, the latter of which Wirth Consulting has found to be very productive, and employs single-pass color imaging. At its rated print speed of up to 24.5 ppm in both color and B&W, standard network connectivity, and substantial maximum paper capacity of 2,350 sheets, it can easily support multiple users. PANTONE-certification and color-matching/simulation software are provided for graphic-arts and proofing applications.



RATINGS SCOREBOARD Total Ratings Score **32.5**

Supplies Cost Per Page

Black/Color	\$0.01864	\$0.06764	
Total Cost of Ownership (Black/Color/ Mixed)			
100 pages/month	\$2,910.83	\$3,200.82	\$2,975.74
500 pages/month	\$3,358.21	\$3,812.58	\$3,474.90
1,000 pages/month	\$3,917.43	\$6,857.33	\$4,848.42
3,000 pages/month	\$6,154.31	\$14,974.01	\$9,003.27
5,000 pages/month	\$8,391.19	\$23,090.69	\$13,158.11

Strengths	Limitations
<ul style="list-style-type: none"> Low color consumables' cost per page of 6.8 cents; B&W cost per page is also low at 1.3 cents. Client Ethernet network interface for fast file transfer over the network. Embedded Automatic Image Density Control (eAIDC) for more consistent color output from page-to-page. Print on banner-size sheets up to 12.25"x47.24" via bypass tray and on card stock as small as 3.55"x5.5". 733 MHz G4 CPU. Print photos directly from PictBridge-compatible digital cameras 733 MHz G4 CPU. Supports MS Windows, Apple Mac and Linux, as well as HP Web Jetadmin. PANTONE-certified color tables, ICC color matching, and includes broad range of press emulations. Memory can be upgraded to 1,024 MB. Supports up to 141 lb. index. 	<ul style="list-style-type: none"> Wirth Consulting has determined that this device does not have any notable limitations and should provide good overall functionality.

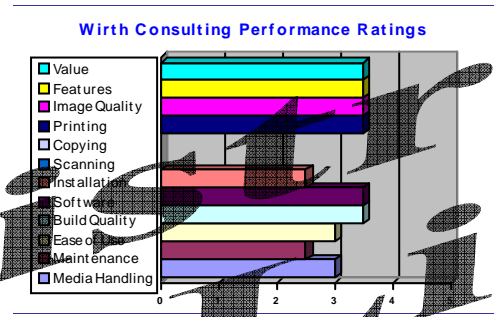
Best Use

The magicolor 7450 will be most appropriate for environments that specifically require the capability to print in color on up to 12"x18", for instance, for printing full-bleed (edge-to-edge) 11"x17" images. With standard network connectivity and network-management capabilities, it will also be appropriate for some enterprise use in tandem with an A4 B&W printer.

©Head2Head Comparison

Make	Konica Minolta	
Model	magicolor 8650dn	
Price	\$3,199.00	
Imaging	Laser	
Classification	A3 Toner-Based Color Printers	
Resolution (dpi)	600x600	Network Scan <input type="checkbox"/>
BW/Color Print Speed (ppm)	35/35	Color Scan <input type="checkbox"/>
Monthly Duty Cycle (pages)	150,000	Network Print <input checked="" type="checkbox"/>
Max Media Length (inches)	18.0	Duplex Print <input checked="" type="checkbox"/>
Max Media Width	12.00	Duplex DF <input type="checkbox"/>
Walk-Up Fax <input type="checkbox"/>	Touch Screen <input type="checkbox"/>	USB 2.0 Port <input type="checkbox"/>

This printer is based on a robust 1 GHz PowerPC CPU and Konica Minolta's Emperon print system, the latter of which Wirth Consulting has found to be very productive, and employs single-pass color imaging. It can be equipped with optional document finishing. Its rated print speed of up to 35 ppm (color and B&W), network connectivity, and 3,650-sheet maximum paper capacity support shared use. PANTONE-certification and color-matching/simulation software are provided for graphic-arts and proofing applications.



RATINGS SCOREBOARD Total Ratings Score **32.0**

Supplies Cost Per Page


Black/Color	\$0.01560	\$0.06771	
Total Cost of Ownership (Black/Color/ Mixed)			
100 pages/month	\$3,252.50	\$3,725.25	\$3,492.45
500 pages/month	\$3,666.99	\$4,516.63	\$3,910.04
1,000 pages/month	\$4,131.97	\$8,461.51	\$5,521.38
3,000 pages/month	\$6,006.91	\$18,986.53	\$10,230.12
5,000 pages/month	\$7,878.85	\$29,511.55	\$14,938.86

Strengths	Limitations
<ul style="list-style-type: none"> Low consumables' B&W cost per page of 1.1 cents. Standard 10Base-T/100Base-TX/1000Base-T Ethernet network interface. XPS print driver. Capable Page Scope network management. Optional document finishing-stapling, sorting, hole-punching, saddle-stitch booklet making. InfoLine display indicates current printer status. Optional 60-GB hard for storing print files; opt. hard-drive erase. All paper sources accept up to 140 lb. index stock; bypass accepts up to 100 lb. cover. Print on banner sheets up to 11.75"x47.24". Data encryption, encrypted network printing. Supports MS Win and Apple Mac. 	<ul style="list-style-type: none"> Wirth Consulting has determined that this device does not have any notable limitations and should provide good overall functionality.

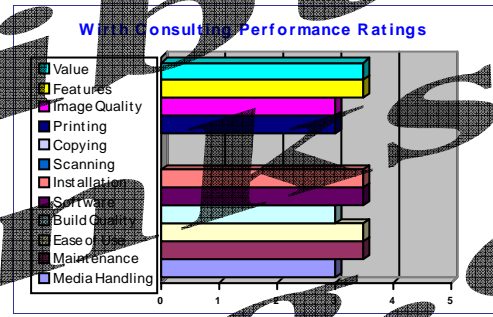
Best Use

The magicolor 8650dn will be most appropriate for environments that specifically require the capability to print in color on up to 12"x18", for instance, for printing full-bleed (edge-to-edge) 11"x17" images. With standard network connectivity and network-management capabilities, it will also be appropriate for some enterprise use for mixed B&W/color printing with its low B&W cost per page, document finishing.

©Head2Head Comparison

Make	Xerox Corporation	
Model	Phaser 7400/DN	
Price	\$2,849.00	
Imaging	Laser	
Classification	A3 Toner-Based Color Printers	
Resolution (dpi)	600x1200	Network Scan <input type="checkbox"/>
BW/Color Print Speed (ppm)	40/36	Color Scan <input type="checkbox"/>
Monthly Duty Cycle (pages)	150,000	Network Print <input checked="" type="checkbox"/>
Max Media Length (inches)	18.0	Duplex Print <input checked="" type="checkbox"/>
Max Media Width	12.00	Duplex DF <input type="checkbox"/>
Walk-Up Fax <input type="checkbox"/>	Touch Screen <input type="checkbox"/>	USB 2.0 Port <input checked="" type="checkbox"/>

Built on Xerox's Phaser platform, the Phaser 7400/DN is a solid A3 color laser printer that boasts fast rated print speeds of up to 40/36 (B&W/color), maximum paper capacity of 3,000 sheets, standard networking and very capable network management. For graphic-arts and proofing applications, it provides PANTONE-certified color simulation and color-matching/simulation capabilities, and it's based on a robust 800 MHz CPU. Optional document-finishing adds to its versatility.



RATINGS SCOREBOARD Total Ratings Score **33.0**

Supplies Cost Per Page


Black/Color	\$0.01876	\$0.07812	
Total Cost of Ownership (Black/Color/ Mixed)			
100 pages/month	\$2,946.74	\$3,302.89	\$3,034.80
500 pages/month	\$3,337.72	\$5,118.43	\$3,891.98
1,000 pages/month	\$3,826.44	\$7,387.87	\$4,963.45
3,000 pages/month	\$6,225.90	\$16,910.18	\$9,689.46
5,000 pages/month	\$8,477.17	\$26,284.31	\$14,268.75

Strengths	Limitations
<ul style="list-style-type: none"> Relatively low consumables' color cost per page of 7.7 cents; consumables' B&W cost per page is also low at 1.3 cents. True Adobe PS 3 print driver (not a PS emulation). Xerox Installer software for quick installation and PhaserSMART for remote diagnostics. 800 MHz Power PC CPU. Job Accounting and Usage Analysis software tools. Capable CentreWare Internet Services network management. PANTONE-certified color matching; color correction and simulation modes; broad range of color-matching standards Xerox Global and Mobile Express print drivers. Memory can be expanded to 1 GB. Optional document stapling, hole-punching, v-folding, saddle-stitch booklet-making. All paper sources handle 4"x6" to 12"x18". Broad range of optional software solutions, including accounting, cost-management, billing, variable data printing. Print on banner sheets up to 12.6"x48". 	<ul style="list-style-type: none"> Wirth Consulting has determined that this device does not have any notable limitations and should provide good overall functionality. <p>NOTE: In the "Consumables Pricing and Yields" chart above, "Multicolor Ink Price" refers to the 110 Volt Fuser (\$214.99 and yields 100,000 pages), while "Maintenance Kit" refers to the Transfer Unit (\$246.99; yields 100,000 pages).</p>

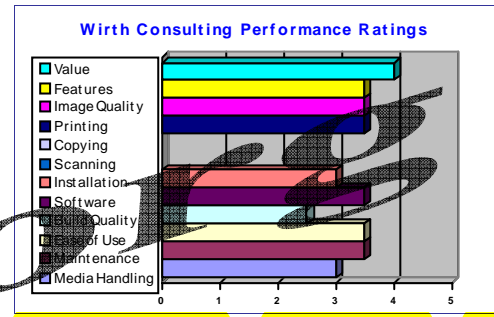
Best Use

The Phaser 7400/DN will be most appropriate for environments that specifically require the capability to print in color on up to 12.6"x18", for instance, for printing full-bleed (edge-to-edge) 11"x17" images. With standard network connectivity and network-management capabilities, it will also be appropriate for enterprise use for mixed B&W/color printing and document-finishing applications.

©Head2Head Comparison

Make	Xerox Corporation	
Model	Phaser 7760/DN	
Price	\$4,749.00	
Imaging	Laser	
Classification	A3 Toner-Based Color Printers	
Resolution (dpi)	1200x1200	Network Scan <input type="checkbox"/>
BW/Color Print Speed (ppm)	45/35	Color Scan <input type="checkbox"/>
Monthly Duty Cycle (pages)	150,000	Network Print <input checked="" type="checkbox"/>
Max Media Length (inches)	18.0	Duplex Print <input checked="" type="checkbox"/>
Max Media Width	12.60	Duplex DF <input type="checkbox"/>
Walk-Up Fax <input type="checkbox"/>	Touch Screen <input type="checkbox"/>	USB 2.0 Port <input checked="" type="checkbox"/>

Built on Xerox's Phaser platform, the Phaser 7760/DN is a solid A3 color laser printer that boasts fast rated print speeds of up to 45/35 (B&W/color), maximum paper capacity of 3,650 sheets, standard networking and very capable network management. For graphic-arts and proofing applications, it provides PANTONE-certified color simulation and color-matching/simulation capabilities and it's based on a robust 800 MHz CPU. Optional document-finishing adds to its versatility.



RATINGS SCOREBOARD Total Ratings Score **33.5**

Supplies Cost Per Page

Black/Color	\$0.00951	\$0.05298	
Total Cost of Ownership (Black/Color/ Mixed)			
100 pages/month	\$4,796.55	\$5,057.36	\$4,834.65
500 pages/month	\$4,986.74	\$6,290.80	\$5,367.21
1,000 pages/month	\$5,224.48	\$7,832.60	\$6,032.91
3,000 pages/month	\$6,461.61	\$14,285.97	\$8,979.03
5,000 pages/month	\$7,603.35	\$20,643.96	\$11,830.71

Strengths	Limitations
<ul style="list-style-type: none"> Low consumables' color cost per page of 5.4 cents; B&W consumables' cost per page is also low at 0.7 cents. Low Total Cost of Ownership (TCO). "True" Adobe PostScript 3 print driver. PANTONE-certified color simulation; color-matching standards 800 MHz CPU. Capable CentreWare Internet Services network management. PhaserMatch and PhaserCal for color-matching and calibration. Job Accounting and Usage Analysis tools. Print on banner sheets up to 12.6"x47.25". Broad range of optional software solutions, including accounting, cost-management, billing, variable data printing. Xerox Global and Mobile Express print drivers. Memory can be expanded to 1 GB. Supports MS Windows, Apple Mac, Linux. Optional document stapling, hole-punching, v-folding and saddle-stitch booklet making. All paper sources handle 4"x6" to 12"x18". 	<ul style="list-style-type: none"> Wirth Consulting has determined that this device does not have any notable limitations and should provide good overall functionality. <p>NOTE: In the "Consumables Pricing and Yields" chart above, "Multicolor Ink Price" refers to the 110 Volt Fuser (\$278.99 and yields 100,000 pages). The "Maintenance Kit" refers to the Transfer Roller (\$158.99; yields 100,000 pages).</p>

Best Use

The Phaser 7760/DN will be most appropriate for environments that specifically require the capability to print in color on up to 12.6"x18", for instance, for printing full-bleed (edge-to-edge) 11"x17" images. With standard network connectivity and network-management capabilities, it will also be appropriate for enterprise use for mixed B&W/color printing and document-finishing applications.