

# Wirth Consulting

## B2B Digital Imaging Product Evaluation

Thursday, April 09, 2009 1:43:11 PM

# WYSK

"What You Should Know"

<b>Make</b>	OKI Printing Solutions	<b>Model</b>	C6150dtn
<b>Functions</b>	Print	<b>Imaging Technology</b>	LED-array
<b>Classification</b> Color Duplex Printers From \$1,000 To \$1,500			

**Well Worth Consideration!**

With its 32 (B&W)/26 (color) ppm rated print speed, the C6150dtn is suitable for mid-range B&W and color printing. At pricing of \$1,028.99, it is priced somewhat lower than the C710dtn (\$1,1448.99), but the C710dtn has a larger paper capacity (1,160 sheets versus 930 sheets), and has a higher maximum monthly duty cycle (100,000 versus 60,000 pages). Note that OKI provides a one-year warranty for the printer, and a five-year warranty for its LED print heads.



## Specifications

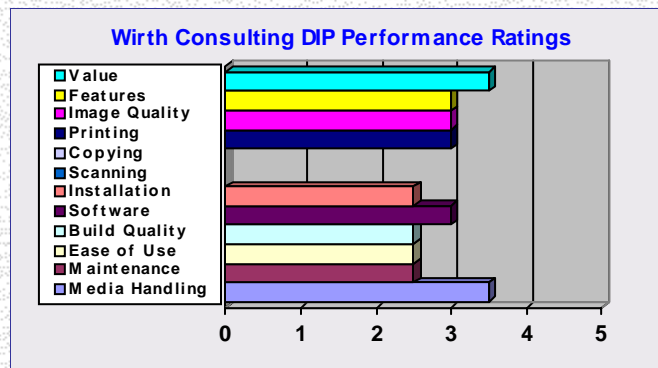
Monthly Duty Cycle	60,000	Max Media Width (inches)	8.5	215.9 mm	Price	\$1,028.99	€738.81
BW/Color Print Speed (PPM)	32/26	Max Media Length (inches)	48.0	1,219.2 mm	Duplex		
Max. Print Resolution (DPI)	1,200x600	Max Media Wt. (bond, lbs.)	54.0	182.3 gsm	Print		
Standard Memory (MB)	256.00	Height (inches)	13.0	330.2 mm	Network		
Std Media Capacity (sheets)	930	Width (inches)	17.0	431.8 mm	Scan		
Max Media Capacity (sheets)	930	Depth (inches)	22.0	558.8 mm	Doc Feeder		
Power Consumption (watts)	490W	Weight (pounds)	57.0	25.9 kg	Full System	<b>\$1,028.99</b>	<b>€738.81</b>

## Feature Checklist

<b>Value Add</b>	<b>Print</b>	<b>Scan</b>	<b>Copy</b>
USB Convenience Port <input type="checkbox"/>	Duplex Printing <input checked="" type="checkbox"/>	Color Scanning <input type="checkbox"/>	Duplex Document Feeder <input type="checkbox"/>
Scanner <input type="checkbox"/>	Network Printing <input checked="" type="checkbox"/>	Network Scanning <input type="checkbox"/>	<b>Ease of Use</b>
Walk-Up Fax <input type="checkbox"/>	Microsoft Windows <input checked="" type="checkbox"/>	<b>Software</b>	Graphic Display <input type="checkbox"/>
LAN Fax <input type="checkbox"/>	Apple Mac <input type="checkbox"/>	Desktop Software <input checked="" type="checkbox"/>	Touch Screen <input checked="" type="checkbox"/>
<b>Image Quality</b>	Linux <input type="checkbox"/>	Web Utilities <input checked="" type="checkbox"/>	Navigation Keys <input type="checkbox"/>
BW Office IQ <input checked="" type="checkbox"/>	GDI Printing <input type="checkbox"/>	<b>Media Handling</b>	<b>Maintenance</b>
Color Office IQ <input checked="" type="checkbox"/>	PCL <input checked="" type="checkbox"/>	Feeds Index Stock <input checked="" type="checkbox"/>	All-in-One Toner Cartridge <input type="checkbox"/>
Professional IQ <input type="checkbox"/>	PostScript <input checked="" type="checkbox"/>	Max Weight from all Sources <input type="checkbox"/>	<b>Finishing</b>
Photographic IQ <input type="checkbox"/>	Adobe PostScript <input type="checkbox"/>	Holds Full Ream of Media <input checked="" 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	3.0
Copying	
Scanning	



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

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

Overall Score	29.0	Copier Score		Printer Score	29.0	Scanner Score		Usability Score	13.0
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Make **OKI Printing Solutions** Model **C6150dtn**

Classification **Color Duplex Printers From \$1,000 To \$1,5**

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

Black Ink/Toner Price	\$89.99	Magenta Ink/Toner Yield (pages)	6,000	Maintenance Kit Price	\$297.15
Black Ink/Toner Yield	8,000	Yellow Ink/Toner Price	\$146.00	Maintenance Kit Yield	120,000
Cyan Ink/Toner Price	\$146.00	Yellow Ink/Toner Yield	6,000	Other Type	CYMK Drums
Cyan Ink/Toner Yield	6,000	Multicolor Ink Price		Other Price	\$320.00
Magenta Ink/Toner Price	\$146.00	Multicolor Ink Yield		Other Yield	75,000
Black Consumables Cost per Page		<b>\$0.0155</b>		Color Consumables Cost per Page	
				<b>\$0.0935</b>	

### 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	\$0.359	\$0.436	50 pages	\$1,068.11	\$1,301.97	\$1,134.60
100 pages	\$0.187	\$0.265	100 pages	\$1,107.23	\$1,574.94	\$1,250.50
250 pages	\$0.084	\$0.162	250 pages	\$1,224.58	\$2,393.87	\$1,598.20
500 pages	\$0.050	\$0.128	500 pages	\$1,420.17	\$3,758.74	\$2,177.69
1,000 pages	\$0.033	\$0.111	1,000 pages	\$1,811.34	\$6,488.49	\$3,336.69
2,000 pages	\$0.024	\$0.102	2,000 pages	\$2,890.84	\$12,245.14	\$5,948.85
3,000 pages	\$0.021	\$0.099	3,000 pages	\$3,821.77	\$17,853.22	\$8,413.93
4,000 pages	\$0.020	\$0.098	4,000 pages	\$4,752.69	\$23,461.29	\$10,879.00
5,000 pages	\$0.019	\$0.097	5,000 pages	\$5,683.62	\$29,069.37	\$13,344.08

### Wirth Consulting Commentary

#### Strengths

- Low B&W and color consumables' cost per page of 1.5 and 9.1 cents respectively.
- Print on banner sheets up to 8.5" wide x 48" long (other paper sources accept up to 8.5" x 14"), as well as well as on up to 113 lb. index stock via bypass.
- Optional hard drive for collation, secure print, saved print files, etc.
- 256 MB memory can be expanded to 768 MB.
- Job-accounting software.
- Color Access Policy Manager enables administrators to control color printing; for example, unauthorized color print files can be automatically converted to B&W.

#### Limitations

- Multi-part imaging system (both toner cartridges and imaging drums must be periodically replaced).

#### Best Use

Small to mid-size businesses and workgroups, as well as some enterprise use, for both B&W and color office-printing applications. Low color consumables' cost per page makes it more appropriate than some other printers for producing higher volumes of color output (B&W consumables cost per page is also low).