

# Beyond Manufacturing

**BEYOND EXPECTATIONS**

[www.Beyondmfg.com](http://www.Beyondmfg.com)

*Introducing The DL-5400PC  
Roll to Roll Wide Format Ink Jet Printer*

*Featuring 24 Hour  
Unattended Operation*



*Roll Diameters Up To 12" Accommodating Up To 500 Pound Rolls  
Larger Rolls Means Lower Stock Cost  
Perfect For Large Quantity Orders  
Print and Cut to Any Length  
Bulk Ink System For Lower Ink Costs  
12" to 54" Wide Format  
Ships Complete With PC Work Station And Poster Print Rip*

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**DL-5400PC**  
**Roll to Roll**

**Wide Format Ink Jet Printer**



## Product Specification Guide

Printing method / Cutting method		Piezo ink-jet/ Friction feed
Printing width		Max 53 in. (1,346.2mm)
Acceptable media widths		10.25 to 54 in. (260.3 to 1371.6mm)
Maximum media thickness		1 mm or 40 mil
Maximum Media Weight	Feed Roller	550 lb. (250kg)
	Take-up Roller	550 lb. (250 kg)
Ink System	Type	Exclusive Beyond Eco-Sol Bulk Ink System
	Capacity	1 Liter plus 1/2 liter in cartridges
	Colors	CMYKLCm
Printing resolution		Maximum 1440 x 1440 dpi
Acceptable blade tool		CAMM-1 series cutter blade.
Print Speed	360x360	441 ft <sup>2</sup> /hr
	450x360	293 ft <sup>2</sup> /hr
	360x720	151 ft <sup>2</sup> /hr
	720x720	75 ft <sup>2</sup> /hr
	1440x1440	31 ft <sup>2</sup> /hr
Cutting speed		11.8 in/sec
Blade force		30 to 300gf
Blade offset compensation		0.0 to 1.5mm
Distance accuracy (When printing)	While the print heater and dryer are running.	Error of less than +/- 0.3 % of the distance traveled, or +/- 0.3mm, whichever is greater.
	While the print heater or dryer are not running	Error of less than +/- 0.3 % of distance traveled, or +/- 0.3mm, whichever is greater.
Distance accuracy (When cutting)		Error of less than +/- 0.4% of distance traveled, or +/- 0.3 mm, whichever is greater. When distance correction ([CALBRATION] -[CUTTING ADJ.]) has been preformed: error of less than +/- 0.2 % of distance preformed, or +/- 0.1mm, whichever is greater.
Repetition accuracy (When cutting)		+ 0.1mm or less
Repetition between printing and cutting		+ 0.5mm or less
Setting range for the heater temperature	Pre-heater	86° to 122° F (30° to 50 °C)
	Print heater	86° to 122° F (30° to 50 °C)
	Dryer	86° to 122° F (30° to 55 °C)
Interface		Ethernet (10 BASE-T / 100 BASE-TX, automatic switching)
Power-saving function		Automatic sleep feature (Compliant with the International ENERGY STAR Office Equipment Program)
Power supply Printer	Voltage and frequency	AC 100 to 120 V +/- 10% 50/60 Hz or AC 220 to 240 V +/- 10% 50/61 Hz
	Required power capacity	13 A (100 to 120 V) or 7 A (220 to 241V)
Power supply Base	Voltage and frequency	AC 220 to 240 V +/- 10% 50/60 Hz
	Required power capacity	30 A (220 to 240 V)
Power supply Computer	Voltage and frequency	AC 100 to 120 V +/- 10% 50/60 Hz
	Required power capacity	6 A (100 to 120 V)
Power consumption Printer	Printing mode	Approx. 1600W
	Sleep mode	Approx. 47W
Acoustic noise level	Printing mode	Approx. 64dB (A) or less (according to ISO 7779)
	Standby mode	Approx. 45dB (A) or less (according to ISO 7779)
Dimensions (with stand)		113" [W] x 88" [D] x 66" [H] (2694 [W] x 1065 [D] x 1260 [H] mm)
Weight (with stand)		1,400 lb. (816 kg)
Environment	Power on	Temperature: 59° to 90°F (15° to 32°C) 68°F (20°C) or more recommended Humidity: 35 to 80% (no condensation)
	Power off	Temperature: 41° to 104°F (5° to 40°C) Humidity: 20 to 80% (no condensation)
Included items		XC-540 stand, Roland VersaWorks Software RIP CD, cleaning liquid cartridges, holder, replacement blade for sheet cutter, power cord, media clamps, blade, blade cleaning kit and manuals.