AdvancedJET AJ-1000i 104" & AJ-740i 74" Grand Format Printers

Specifications			
		AJ-1000i	**AJ-740i**
Printing technology		Piezo inkjet	
Printing width[1]		Maximum 102.3 in. (2600 mm)	Maximum 73.6 in. (1870 mm)
Media	Acceptable widths	48 to 104 in. (1220 to 2641 mm)	48 to 75.2 in. (1220 to 1910 mm)
	Acceptable thickness	Maximum 39 mil (1.0 mm) with liner	
	Acceptable diameter	Maximum 9.8 in. (250 mm)	
	Roll weight	Maximum 220 lb. (100 kg)	
	Core diameter	3 in. (76.2 mm)	
Ink cartridges	Types	Roland EcoXtreme i or EcoXtreme LT	
	Capacity	1 liter (1000 ml)	
	Color	6 colors (cyan, magenta, yellow, black, light cyan and light magenta)	
Printing resolution		Maximum 720 dpi	
Distance accuracy[2,3]		Error of less than ±0.3% of distance traveled, or ±0.3 mm, whichever is greater	
Printing Speed*	**Banner**		
	Billboard	968 sq ft/hr (90 sq m/hr)	872 sq ft/hr (81 sq m/hr)
	High Speed	484 sq ft/hr (45 sq m/hr)	474 sq ft/hr (44 sq m/hr)
	Standard	323 sq ft/hr (30 sq m/hr)	301 sq ft/hr (28 sq m/hr)
	High Quality	162 sq ft/hr (15 sq m/hr)	140 sq ft/hr (13 sq m/hr)
	Vinyl		
	High Speed	258 sq ft/hr (24 sq m/hr)	237 sq ft/hr (22 sq m/hr)
	Standard	162 sq ft/hr (15 sq m/hr)	140 sq ft/hr (13 sq m/hr)
	High Quality	65 sq ft/hr (6 sq m/hr)	54 sq ft/hr (5 sq m/hr)
Setting range for the heater temperature[4]	Pre heater	95 to 122°F (35 to 50°C)	
	Print heater	95 to 122°F (35 to 50°C)	
	Dryer	95 to 122°F (35 to 50°C)	
Connectivity		Ethernet (10BASE-T/100BASE-TX, automatic switching)	
Power-saving function		Automatic sleep feature	
Power requirements	Printer	AC 200 to 240V ±10%, 10A, 50/60 Hz	AC 200 to 240V ±10%, 8.5 A, 50/60 Hz
	Dryer	AC 200 to 240V ±10%, 10A, 50/60 Hz	AC 200 to 240V ±10%, 8.5 A, 50/60 Hz
Power consumption	During operation	Printer: Approx. 1630 W Dryer: Approx. 2300 W	Printer: Approx. 1190 W Dryer: Approx. 1620 W
	Sleep mode	Approx. 60 W	
Acoustic noise level	Sleep mode	70 dB or less (according to ISO 7779)	
	During operation	40 dB or less (according to ISO 7779)	
Dimensions (with stand)		169.3 (W) x 43.9 (D) x 55.7 (H) in. 4299 (W) x 1115 (D) x 1413 (H) mm	143 (W) x 43.9 (D) x 53.5 (H) in. 3632 (W) x 1115 (D) x 1359 (H) mm
Weight (with stand)		598 lb. (1319 kg)	478 lb. (1060 kg)
Environmental	Power on	Temperature: 68 to 90°F (20 to 32°C); humidity: 35 to 80%RH (no condensation)	
	Power off	Temperature: 41 to 104°F (5 to 40°C), humidity: 20 to 80%RH (no condensation)	
Items in the box		Power cords, roll shafts, end caps, spacers, media reinforcement pipe, paper tube, drain bottle, media gauge, media clamps, hexagonal wrenches, Head-unit tool, cleaning kit, syringe, tube, maintenance liquid cartridge, software RIP, Roland-PrintServer CD-ROM, User's Manual, Setup Guide, Roland-PrintServer Network Settings Guide	

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[1] The length of printing is subject to the limitations of the program.

[2] Using Roland specified media, print travel of 1m, temperature: 77°F (25°C); humidity: 50 %RH

[3] Not assured when the print heater or dryer is used.

[4] Warm-up is required after power-up. This may require 5 to 20 minutes, depending on the operating environment.

The preset temperature may not be reached depending on the ambient temperature and media width.

* Speeds may vary based on print mode and media profiles