

Specifications	ADVANCED JET		SOLJET PRO III	
	AJ-1000	AJ-740	XJ-740	XJ-640
Printing technology	Piezoelectric inkjet		Piezoelectric inkjet	
Media	Width	1220 to 2641 mm (48 to 104 in.)	1220 to 1910 mm (48 to 75.2 in.)	210 to 1879 mm (8.3 to 74 in.)
	Thickness	Maximum 1.0 mm (39 mil) with liner		Maximum 1.0 mm (39 mil) with liner
	Roll outer diameter	Maximum 250 mm (9.8 in.)		Maximum 210 mm (8.3 in.)
	Roll weight	Maximum 100 kg (220 lb.)		Maximum 47 kg (103 lb.)
	Core diameter	76.2 mm (3 in.)		76.2 mm (3 in.) or 50.8 mm (2 in.)
Printing width *1	Maximum 2600 mm (102.3 in.)	Maximum 1870 mm (73.6 in.)	Maximum 1869 mm (73.6 in.)	Maximum 1615 mm (63.6 in.)
Ink cartridges	Types	Roland EcoXtreme/EcoXtreme LT cartridge		Roland ECO-SOL MAX cartridge
	Capacity	1 liter		220 cc or 440 cc
	Colors	6 colors (cyan, magenta, yellow, black, light cyan, and light magenta)		6 colors (cyan, magenta, yellow, black, light cyan, and light magenta) or 4 colors (cyan, magenta, yellow, and black)
Printing resolution (dots per inch)	Maximum 720 dpi		Maximum 1440 dpi	
Distance accuracy *2	Error of less than ±0.3 % of distance traveled, or ±0.3 mm, whichever is greater		Error of less than ±0.3 % of distance traveled, or ±0.3 mm, whichever is greater	
Media heating system *3	Preheater and print heater, setting range for the preset temperature: 35 to 50°C (95 to 122°F) Heating method (Used in combination with the blower fan), setting range for the preset temperature: 35 to 60°C (95 to 140°F)		Print heater, setting range for the preset temperature: 30 to 45°C (86 to 112°F) Dryer, setting range for the preset temperature: 30 to 50°C (86 to 122°F)	
Media take-up system	Roll outer diameter	Maximum 250 mm (9.8 in.)		Maximum 250 mm (9.8 in.)
	Roll weight	Maximum 100 kg (220 lb.)		Maximum 50 kg (110 lb.)
Connectivity	Ethernet (10BASE-T/100BASE-TX, automatic switching)		Ethernet (10BASE-T/100BASE-TX, automatic switching)	
Power-saving function	Automatic sleep		Automatic sleep	
Power requirements	Printer: AC 200 to 240 V ±10 %, 10 A, 50/60 Hz Dryer: AC 200 to 240 V ±10 %, 10 A, 50/60 Hz	Printer: AC 200 to 240 V ±10 %, 8.5 A, 50/60 Hz Dryer: AC 200 to 240 V ±10 %, 8.5 A, 50/60 Hz	AC 100 to 120 V ±10 %, 13 A, 50/60 Hz or AC 220 to 240 V ±10 %, 7 A, 50/60 Hz	
Power consumption	During operation	Printer: Approx. 1600 W, Dryer: Approx. 2300 W	Printer: Approx. 1190 W, Dryer: Approx. 1620 W	Approx. 1600 W
	Sleep mode	Approx. 60 W		Approx. 47 W
Acoustic noise level	During operation	70 dB (A) or less (according to ISO 7779)		64 dB (A) or less (according to ISO 7779)
	During standby	40 dB (A) or less (according to ISO 7779)		45 dB (A) or less (according to ISO 7779)
Dimensions (with stand)	4299 (W) x 1115 (D) x 1413 (H) mm (169.3 (W) x 43.9 (D) x 55.7 (H) in.)	3632 (W) x 1115 (D) x 1359 (H) mm (143 (W) x 43.9 (D) x 53.5 (H) in.)	3169 (W) x 1103 (D) x 1260 (H) mm (124.8 (W) x 43.4 (D) x 49.6 (H) in.)	2948 (W) x 1103 (D) x 1260 (H) mm (116 (W) x 43.4 (D) x 49.6 (H) in.)
Weight (with stand)	598 kg (1319 lb.)	478 kg (1050 lb.)	225 kg (495 lb.)	213 kg (469 lb.)
Environmental	Power on	Temperature: 20 to 32°C (68 to 89.6°F) humidity: 35 to 80 % (no condensation)		Temperature: 15 to 32°C (59 to 90°F) (20°C [68°F] or more recommended), humidity: 35 to 80 %RH (non-condensing)
	Power off	Temperature: 5 to 40°C (41 to 104°F), humidity: 20 to 80% (no condensation)		Temperature: 5 to 40°C (41 to 104°F), humidity: 20 to 80 %RH (non-condensing)
Accessories	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		Stand, power cord, media clamps, media flanges, replacement blade for separating knife, cleaning kit, software RIP, and User's Manual, etc.	

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

*2 At Roland PET film, print travel: 1 m, temperature: 25°C (77°F), humidity: 50 %, not assured when the print heater or dryer is used.

*3 Warm-up is required after power-on. This may require 5 to 20 minutes, depending on the operating environment. Depending on the ambient temperature and media width, it may not reach a preset temperature.

Roland VersaWorks System Requirements	
Operating system	Windows Vista™ Ultimate or Business (32-bit edition), Windows® XP Professional Service Pack 2, Windows® 2000 Service Pack 4
CPU	Pentium 4, 2.0 GHz or faster recommended
RAM	1 GB or more recommended
Free hard-disk space	40 GB for more recommended

Options for Advanced JET AJ-1000/AJ-740		
Mesh Printing Unit	MU-1000	For AJ-1000
	MU-740	For AJ-740
EcoXtreme Ink	AI-MG	Magenta, 1000 cc
	AI-YE	Yellow, 1000 cc
	AI-CY	Cyan, 1000 cc
	AI-BK	Black, 1000 cc
	AI-LC	Light cyan, 1000 cc
	AI-LM	Light magenta, 1000 cc
	EcoXtreme LT Ink	AI2-MG
AI2-YE		Yellow, 1000 cc
AI2-CY		Cyan, 1000 cc
AI2-BK		Black, 1000 cc
AI2-LC		Light cyan, 1000 cc
AI2-LM		Light magenta, 1000 cc
Cleaning liquid	AI-CL	1 pc. 1000 cc
Maintenance liquid	AI-ML	1 pc. 500 cc

Options for SOLJET PRO III XJ-740/XJ-640		
ECO-SOL MEDIA	SPVCB-1270	PVC banner, 1270 mm x 20 m (50" x 65')
	SVB-B-1270	PVC banner, blackout, 1270 mm x 20 m (50" x 65')
	SP-M-1270	Matte PET film, 1270 mm x 30 m (50" x 98')
	SFPLF-1300	Backlit film, 1300 mm x 30 m (51-1/8" x 98')
	SCM-GBMW-50-1180	Polyethylene banner, 1180 mm x 50 m (46-7/16" x 164')
	SCM-GPPG-50-914	White glossy photo paper, 914 mm x 50 m (36" x 164')
	SCM-GPPG-50-1270	White glossy photo paper, 1270 mm x 50 m (50" x 164')
	SCM-GVWG-40-1370	Monomeric calendared self adhesive vinyl white glossy-permanent adhesive, 1370 mm x 40 m (53-7/8" x 131')
	SCM-GVWG-40-1525	Monomeric calendared self adhesive vinyl white glossy-permanent adhesive, 1525 mm x 40 m (60" x 131')
ECO-SOL MAX Ink	ESL3-4MG	Magenta, 440 cc
	ESL3-4YE	Yellow, 440 cc
	ESL3-4CY	Cyan, 440 cc
	ESL3-4BK	Black, 440 cc
	ESL3-4LC	Light cyan, 440 cc
	ESL3-4LM	Light magenta, 440 cc
	ESL3-MG	Magenta, 220 cc
	ESL3-YE	Yellow, 220 cc
	ESL3-CY	Cyan, 220 cc
	ESL3-BK	Black, 220 cc
Cleaning liquid	SL-CL	1 pc.
	DU-740	For XJ-740
Heater and blower	DU-640	For XJ-640



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