

ADVANCEDJET AJ-740 74" SOLVENT™ INKJET PRINTER ADVANCEDJET AJ-1000 104" SOLVENT™ INKJET PRINTER



SERIOUS HORSEPOWER

The AdvancedJET AJ line has redefined the standards for high-volume production printing. Available in both 74" and 104" models, the six-color AJ delivers maximum productivity and world-class Roland engineering in an easy to operate platform.

Designed specifically for the high volume, print-for-pay market, the AJ series features new, advanced EcoXtreme inks for 6-color CMYKcLm graphics that deliver optimum image quality, a wide gamut, and exceptionally smooth tonal gradations.

Productivity begins with blazing speed

As the fastest inkjets in their class, AJ printers burn through banners in minutes. Innovative engineering and ultra-wide print heads provide top speeds of 968 sqft/hr for the AJ-1000 and 872 sqft/hr for the AJ-740.

Advanced EcoXtreme Inks deliver a brilliant image

EcoXtreme ink produces rich, vibrant images even in high speed production modes, with increased color density, superior bonding with uncoated substrates, enhanced scratch resistance and improved alcohol resistance. EcoXtreme is particularly well suited for vehicle graphics and volume banner production.

Innovative media handling and drying systems

The new heavy-duty feed and take-up system ensures media is fed straight, even when unattended. It supports rolls weighing up to 220 lbs. and offers convenient front access for loading and unloading of both feed and take-up rolls. A fully integrated tri-heater and blower system enables high-speed printing without image-to-roll transfer.

New high capacity ink delivery system

Designed for high-volume production, the AJ features high capacity 1-liter ink cartridges for unattended output. This innovative ink delivery system allows replacement of empty cartridges without pausing the printer.

Automated Intelligent Maintenance System

Many solvent machines may take up to two hours a day for maintenance. The AJ takes virtually no time. It actively monitors room temperature and automatically performs routine maintenance. Manual cleaning is only required every two weeks, and the AJ can be left unattended for extended periods of time without the risk of clogged heads.

Includes VersaWorks™ RIP for Enhanced Productivity

Built on the Adobe® PostScript® CPSI™ engine, VersaWorks™ adds powerful productivity tools to our robust software RIP with an easy-to-use interface. The Roland Color Matching System is a revolutionary spot color fidelity system that allows you and your customers to pick an established spot color and then accurately match that color every time without guesswork, tweaking, or wasted prints. Variable Data Printing allows you to quickly produce a series of prints in which text and graphics change from one to the next.

The Roland promise of rugged reliability

Backed with a Two-Year Trouble-Free Warranty and our Passport Customer Care Program, the AJ series is designed to provide years of trouble-free service.





ADVANCEDJET AJ SERIES INKJET PRINTERS

ADVANCEDJET

ADVANCEDJET AJ-1000
104" INKJET PRINTER



ADVANCEDJET AJ-740
74" INKJET PRINTER



PRODUCT HIGHLIGHTS

- 74" or 104" maximum media width
- Maximum print speed of 968 sqft/hr (AJ-1000) or 872 sqft/hr (AJ-740)
- 6-color CMYKLcLm printing
- Up to 720 dpi resolution for photorealistic graphics
- High capacity ink delivery system
- Advanced Roland EcoXtreme Ink*
 - > Superior bonding to uncoated materials
 - > Vibrant water, scratch and UV resistant graphics
- Automated Intelligent Maintenance System
- Integrated tri-heater and blower system
- Automated media feed and take-up system
 - > Handles rolls weighing up to 220 lbs.
 - > Dancer roller system stabilizes media feed
 - > Convenient front access for loading and unloading of both feed and take-up rolls
- Integrated Ethernet 10Base-T/100Base TX
- Optional Mesh Printing Unit
- Roland VersaWorks™ software included



Optional Mesh Printing Unit

The AJ can be enhanced with an optional Mesh Printing Unit which allows direct printing onto economical unlined mesh, a tightly woven, lightweight perforated media that adds style, texture and durability to virtually any graphic.

SPECIFICATIONS

SPECIFICATIONS		ADVANCEDJET AJ-740	ADVANCEDJET AJ-1000
Print resolution		Maximum 720x720 dpi	
Printing width		Maximum 73-5/8 in. (1870 mm)	Maximum 102-1/3 in. (2600 mm)
Acceptable media width/thickness		48 to 75-1/4 in. (1220 to 1910 mm) / Max. 1.0 mm thickness	48 to 104 in. (1220 to 2641 mm) / Max. 1.0 mm thickness
Ink cartridges	Type Capacity Color	Roland EcoXtreme Ink 6 cartridges: 1000 cc +/- 5 cc 6 colors (CMYKLcLm)	
Max. printing speed		Maximum 872 sqft/hr (81 sqm/hr) at 360x180 dpi	Maximum 968 sqft/hr (90 sqm/hr) at 360x180 dpi
Media heating system		Pre-heater 95-122° F (35-50° C); Print Heater 95-122° F (35-50° C); Dryer 86-122° F (30-50° C);	
Interface		Ethernet (10 BASE-T / 100 BASE-TX)	
Power-saving function		Automatic sleep feature	
Power supply		Printer Unit: AC 200 to 240 V +/- 10%, 50/60 Hz Dryer: AC 200 to 240 V +/- 10%, 50/60 Hz Required Power Capacity: Printer Unit: 10A, Dryer: 10A	
Power consumption		Print mode: Printer Unit - Approx. 1190 W, Dryer - Approx. 1620 W / Standby mode: Approx. 60 W	Print mode: Printer Unit - Approx. 1600 W, Dryer - Approx. 2300 W / Standby mode: Approx. 60 W
Dimensions (with stand)		143 [W] x 43-7/8 [D] x 53-1/2 [H] in. (3632 [W] x 1115 [D] x 1359 [H]) mm.	169-3/8 [W] x 43-7/8 [D] x 55-11/16 [H] in. (4299 [W] x 1115 [D] x 1413 [H]) mm.
Weight (with stand)		1050 lb (478 kg)	1319 lb (598 kg)
Environment	Power on Power off	Temperature: 68-90°F (20-32°C) Humidity: 35-80% (no condensation) Temperature: 41-104°F (5-40°C) Humidity: 20-80% (no condensation)	

* Note that a proper ventilation system for odor control is recommended when used in enclosed areas.

Built with precision. Backed with passion.™



FOR COMPLETE PRODUCT SPECIFICATIONS AND FEATURES, OR TO REQUEST A SAMPLE PRINT, CALL 800-542-2307 OR VISIT WWW.ROLANDDGA.COM
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