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

SERIOUS HORSEPOWER

The AdvancedJET AJ series redefines 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-use platform.

Designed for the high volume, print-for-pay market, the AJ series features new, advanced EcoXtreme inks for 6-color CMYKLcLm 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.

New advanced Eco-Xtreme Inks offer two formulations
Eco-Xtreme inks produce 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. Choose from durable Eco-Xtreme for optimum outdoor durability or cost-effective Eco-Xtreme LT for outstanding short-to-medium term performance.

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.

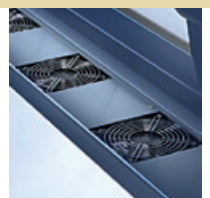**Automated Intelligent Maintenance System**
Many solvent machines can take up to two hours a day for maintenance. The AJ takes virtually no time. It actively monitors room temperature and automatically performs routine maintenance. Manual cleaning is only required every two weeks, and the AJ can be 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.

Roland®

ADVANCEDJET AJ SERIES INKJET PRINTERS

ADVANCEDJET AJ-1000
104" INKJET PRINTER

ADVANCEDJET AJ-740
74" INKJET PRINTER

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.

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 or EcoXtreme LT Inks*
  - > 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

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/Roland EcoXtreme LT 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.™