

## THE NEW ADVANCEDJET AJ-1000 104" SOLVENT INKJET PRINTER



Taking productivity to a new level, the Roland AdvancedJET AJ-1000 sports a host of remarkable new features that establish it as the fastest, most versatile, low maintenance, high production grand format printer available for the digital inkjet market.

## SERIOUS HORSEPOWER

As the latest addition to Roland's grand format printer line, the AJ-1000 merges maximum performance, reliability, and productivity in an easy to operate platform. Designed specifically for the high volume, print-for-pay market, the AJ-1000 features new, advanced Xtreme Inks in a 6-color CMYKLCm configuration to produce high quality, wide gamut, color graphics with smooth tonal gradations.

### Productivity begins with blazing speed

Innovative engineering and ultra-wide print heads deliver a top print speed of 968 sqft./hr, making the AJ-1000 the fastest printer in its class. It burns through banners in minutes.

### New advanced Xtreme Inks deliver a brilliant image

Xtreme Ink provides durable, vibrant images even at high speed production modes, with increased color density, superior bonding with uncoated substrates, enhanced scratch resistance and improved alcohol resistance.

### 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

Demonstrating its high-production focus, the AJ-1000 features new high capacity 1000cc ink cartridges for unattended output. The completely redesigned ink delivery system even makes it possible to replace empty cartridges without the need to pause the printer.

### Automated Intelligent Maintenance System

Many solvent machines may take up to an hour in the morning and another hour in the evening for maintenance. The AJ-1000 takes virtually no time. Just fire it up, and it's ready to roar. The Automated Intelligent Maintenance System actively monitors room temperature and automatically performs routine maintenance. As a result, manual cleaning is only required every two weeks. The AJ-1000 can be left unattended for extended periods of time without the risk of drying ink or clogged heads.

### Powerful Roland VersaWorks™ software RIP included

Built upon a genuine Adobe® PostScript® 3 engine, Roland VersaWorks is a powerful RIP developed exclusively by Roland engineers to give you greater control over color and a wide variety of layout, edit and print functions.

### The Roland promise of rugged reliability

Backed with a full-one year warranty and our Passport Customer Care Program, the AJ-1000 is designed to provide years of trouble-free service.





## ADVANCEDJET AJ-1000 INKJET PRINTER

# ADVANCEDJET



### PRODUCT HIGHLIGHTS

- 104" maximum media width
- Maximum print speed of 968 sqft/hr
- 6-color CMYKLcLm printing
- Up to 720 dpi resolution for photorealistic graphics
- New high capacity ink delivery system
- New advanced Roland Xtreme 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.
  - > New 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
- Roland VersaWorks™ software included

## SPECIFICATIONS

### ADVANCEDJET AJ-1000

Print resolution		Maximum 720x720 dpi
Printing width		47-1/4 to 102-1/3 in. (1200 to 2600 mm)
Acceptable media width/thickness		48 to 104 in. (1220 to 2641 mm) / Maximum 1.0 mm thickness
Ink cartridges	Type Capacity Color	Roland Xtreme Ink 6 cartridges: 1000 cc +/- 5 cc 6 colors (CMYKLcLm)
Max. printing speed		Maximum 968 sqft/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 (compliant with the International ENERGY STAR® Office Equipment Program)
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		Printing mode: Printer Unit - Approx. 1600 W, Dryer - Approx. 2300 W / Standby mode: Approx. 60 W
Dimensions (with stand)		169-3/8 in. (4299 mm) [W] x 43-7/8 in. (1115 mm) [D] x 55-11/16 in. (1413 mm) [H]
Weight (with stand)		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.

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