

Large-Format Inkjet Printer - AdvancedJET AJ-740

Frequently Asked Questions

Release & Price Information:

Q. What is the list price for the AJ-740?

A. The current list price for the AJ-740 is \$54,995.

Q. When will the AJ-740 be available?

A. Roland will officially launch the AJ-740 August 29th. It is scheduled to ship the first part of October.

General Information:

Q. What is the difference between the AJ-1000 and AJ-740?

A. There are quite a few differences, mainly mechanical:

1. *The media feed assembly features different rear rollers.* In the AJ-740, the tension-controlled roller system features an elastic shaft inside the roller to help ensure proper media tension. This upgraded system equalizes back tension and reduces banding. If the media is fed unevenly, the elastic feature equalizes the back tension on the media. The AJ-740 guide roller is supported by a pair of rubber rollers, further stabilizing the tension and promoting proper media feed.
2. *The inlet of the blower is wider.* This helps blow away the evaporated solvent elements above the printed area.
3. *The scan motor is now mounted sideways.* This prevents residue from the motor brushes from getting into the gears in the scan motor.
4. *The carriage belt is mounted sideways and separated from the encoder strip.* This keeps dirt and other debris from getting on the encoder strip.
5. *The MU-740 is easier to install.* No sub-boards need to be installed. Only the assembly and unit's detection switch need to be added and connected to the sub-board. The installation cannot be performed by an end user.
6. *The AJ-740 allows for light ink control.* Using lighter colors at an earlier stage eliminates blank space between un-landed dots, reducing banding.

Q. What is the maximum size media I can use on the AJ-740?

A. The AJ-740 accepts media widths of up to 75.2." The maximum printable area is 73.6."

Q. What is the average square foot cost of ink consumption for the AJ-740?

A. For the AJ-740, the average cost of ink consumption is approximately \$0.16 per square foot using Roland Eco-Xtreme inks.

Q. What is the key sales message for the AJ-740?

A. The AJ-740 is a robust large format printer built for high-volume productivity. With a billboard mode of 872 sfph and a production mode of 473 sfph, the AJ-740 provides the flexibility needed for high image quality as well as high speed. In addition to being fast, the AJ-740 has an intuitive workflow and is one of the most reliable printers in its class.

The AJ-740 has an automatic maintenance function. The wipers, cap tops and print heads are constantly immersed in cleaning fluid so there are no daily manual start-up or shut-down procedures required. In addition, cleaning cycles can be adjusted automatically depending on the environment.

EcoExtreme ink delivers outstanding image quality and durability of up to three years outdoors.

In summary, the AJ-740 is an easy to use, versatile, high-volume production printer ideal for outdoor graphics applications.

Q. What are the available print speeds?

A. The AJ-740 offers the following print modes and speeds.

Printing Speeds			
Billboard	180 X 360	1 Pass Bi-Directional	872 sf ft/h (81 sq m/h)
High-Speed	360 X 360	2 Pass Bi-Directional	473 sf ft/h (44 sq m/h)
Standard	360 X 720	4 Pass Bi-Directional	237 sf ft/h (22 sq m/h)
High Quality	720 X 720	8 Pass Bi-Directional	118 sq ft/h (11 sq m/h)

Q, What are the selling points for EcoExtreme ink?

A. EcoXtreme ink is available in six colors (CMYKLcLm) and produces vibrant images even in high-speed production modes on coated and uncoated media. EcoXtreme ink offers exceptional bonding with uncoated banner substrates and tarpaulin, as well as enhanced scratch and alcohol resistance for outstanding outdoor durability of up to three years.

Q. Am I able to print on unlined mesh with this unit?

A. Yes. The AJ-740 can print on unlined mesh with the addition of the MU-740 Mesh Printing Unit sold separately for \$2,995.

Q. Is it possible to print on any substrate?

A. The AJ-740 can print on a wide variety of uncoated substrates such as banner, adhesive backed vinyl, backlit film, mesh, poster papers and canvas. As with any printer, some media products perform better than others. It is always best to run a test print first.

Q. Does the AJ-740 include a RIP?

A. The AJ-740 includes the latest version of Roland VersaWorks featuring Variable Data Printing and Roland Color, a fully integrated spot color matching system.

Q. Is there a warranty with the AJ-740 and how do I obtain the warranty?

A. The AJ-740 is backed by a two-year factory on-site warranty upon registration of the machine within 60 days of purchase. The warranty is only valid with the exclusive use of Roland EcoXtreme inks.

Q. Why should I purchase the Roland AJ-740 instead of other large/grand format printers available on the market?

A. The AJ-740 comes with everything you need to get your business up and running fast. Included VersaWorks RIP software is easy to navigate and features ICC Profiles for a range of materials including banner, vinyl, film, paper, mesh and canvas. In addition, Roland offers a complete line of tested, profiled and certified media for consistent performance print after print.

B. There is a two-year on-site warranty included with the AJ-740, the best in its class.

C. There are no daily maintenance procedures needed to run this unit. This means you can easily start up the printer for production printing without the mess and labor involved in manual cleanings. And the unit can be left dormant for a period of time without damaging the print heads since the capping assembly keeps the print heads sealed and the wipers are always immersed in cleaning solution. This makes for a very efficient and non-abrasive cleaning system.

D. Although other large and grand format printers are lower in price, their warranties are more expensive, their ink costs are higher, there is no RIP included, and the service is usually done by an outside agency. Roland technicians are factory trained to service the AJ-740 printer. In the end, the Roland choice offers greater performance and value.