

Press information

Exciting new print solutions from ArtSystems and hp

ArtSystems are bringing two brand new wide format printing solutions from Hewlett Packard to the World of Geomatics show this year (Stand 34).

Ideal for the CAD and GIS market, these include the hp designjet 120, a six-colour desktop printer with optional roll feed, and the hp designjet 815mfp integrated scanner, copier and printer.

Also on show will be the hp designjet 1000 plus series, which, with optional multi-roll feeder, allows the use of multiple media types without the need to change the roll. This means high productivity and low user intervention.

David Thomas, Managing Director of ArtSystems, the specialist wide format hp distributor said: "The needs of this market are very specific. They are high productivity, cost effectiveness, precise image production and replication and ease of use.

"I believe that the new range of HP DesignJet printers offers Geo professionals what they are asking for - affordable quality colour solutions."

ArtSystems will also be telling visitors about their new cash back scheme on selected hp printers. Customers can earn a cash back value of up to £5,000 when trading in a qualifying wide format printer from various manufacturers including Agfa, CalComp, Epson, hp, Ilford, Oce and Roland, with maximum levels available on Encad.

And for anyone interested in the hp designjet 120, there's a Buy and Try promotion, with a four-week money back guarantee.

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For further information

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About Art Systems

From its roots in 1987 Art Systems, the Nottingham-based specialist systems distributor and service provider, has seen significant growth in the past six years. The company serves the CAD/GIS, graphics, signage and AV markets (through specialist value added resellers) with large format imaging and printing solutions from market leading manufacturers such as HP, Mutoh, Onyx and Contex.

The hp designjet 120

With excellent flexibility – printing all formats up to A1 with an optional 24" roll feed – this affordable printer gives outstanding image quality and a resolution up to 2400 x 1200dpi.

Optimised to support both Mac and Windows operating systems, the hp designjet 120 can be a standalone or network printer.

Automatic closed loop calibration, HP's Color Layering technology, and the four-picolitre drop system provide smooth flat tints, sharp detail, seamless colour transitions, and area fill uniformity – consistent from print to print.

Features of the hp designjet 120 include:

- specially formulated, consistently high-quality dye inks
- print A3+ in under 1.5 minutes per page in normal mode
- print A3+ glossy prints in under 4 minutes
- convenient media handling with cut sheet or automatic roll feed allowing switching between media types without user intervention
- print lengths up to 50 feet with the roll feed
- drivers for Mac OS X v10.2
- cancel print button immediately terminates print jobs
- optional stand.

The hp designjet 815mfp

With integrated 42" scanner, 42" printer and on-board PC this is the ideal wide format multifunction device for users who need to copy, scan and print large format documents with consistent colours, sharp, accurate contour lines and high image quality.

Professions such as cartographers, engineers, land planners, utilities offices, telecommunication and government departments and other CAD/GIS applications will benefit from the designjet 815mfp's speed, precision and versatility.

Scanned documents can be saved in popular formats such as PDF, TIFF and JPG on to a network or in-built CD drive for further amendments or archiving. The state-of-the-art high speed network card gives excellent file transfer times.

Originals are scanned at 424 ppi optical and 2400 ppi enhanced resolution and a line accuracy of 0.15%. Scanning speeds are 1.5" per second (38mm) for colour or 3" per second for monochrome.

Other features include:

- 14GB hard drive
- Closed loop colour calibration and HP Color Layering Technology
- Drivers for Windows and Mac OS8.1 or above
- 20 second scan to print time
- Touch screen controls

For more information see www.artsystems.co.uk or call 0115 957 5347

The hp designjet 1000 plus series

For professionals such as engineers, architects and planners, the hp designjet 1000 plus series is an excellent shared resource, delivering unique productivity features, ease-of-use and complete unmanned operation with the multi-roll feeder.

Where high quality, large format outputs are needed in order to review, communicate and document designs, the 36" hp designjet 1000 plus series delivers the high performance and production speeds needed to keep large workgroups productive. It can output A1 line drawings in 45 seconds in fast mode and A1 images in 85 seconds.

As the printer is available to more than one user, the optional multi-roll feeder is an invaluable addition, enabling unattended use of different media types and sizes. Users simply pick the media type when they send the job to print and the multi-roll feeder automatically selects and loads the right roll.

It supports media rolls of up to 20cm diameter and allows users to automatically switch between different media roll types or sizes. It can also be used with three rolls of the same media type to boost unattended times to three times that of the 1000 series alone.

It will comfortably handle an average of 30 A0 prints per day, and can handle more than 100 prints per day for unexpected workload peaks and project deadlines.

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The Modernising Government White Paper

The hp designjet 815mfp is particularly suitable for those departments needing to fulfil the requirements of the Modernising Government White Paper. With the looming target of 2004 for all new and existing public records to be electronically stored and received, the designjet 815mfp is an all-encompassing solution for handling large format documents. It allows archived hard copy plans to be scanned and stored in digital format, either to a network via the on-board PC or to CD for archiving.

Local government departments already allow full public access to plans such as housing developments and proposed transport routes, but generally in hard copy only. As these plans tend to be very large originals, digitised plans make such public access possible in ways never before available to local government. Once scanned and stored, electronic plans can be easily emailed or output to wide format plotters when requested. They can also be updated on screen if necessary.

David Thomas, Managing Director of ArtSystems, the specialist hp large format print distributor, said: "With the new regulations imminent these wide format scan-to-file, scan-to-print solutions are ideal for local government departments. They're both cost effective and intuitive to use. It's not just a matter of making the plans easier to work with, but enabling better and easier public access to important information."

Plans in digital format can also be overlaid in the same scale using GIS software. Using this technique, plans showing, for instance, mining areas or flood plains, can be overlaid on plans for new housing developments. This gives councils easy access to much more comprehensive information than previously possible when all plans were saved as hard copies.

Call ArtSystems on 0115 957 5347 for more information.