



Océ
Arizona® 250 GT

You won't believe
your eyes



Exceptional image
quality on rigid or
flexible media

- Produce exceptional quality prints with Océ VariaDot™ imaging technology
- Print specialised applications on rigid and flexible media
- Bank on predictable productivity, every job, every day
- Support your business with an established strategic partner

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Exceptional image quality on rigid or flexible media

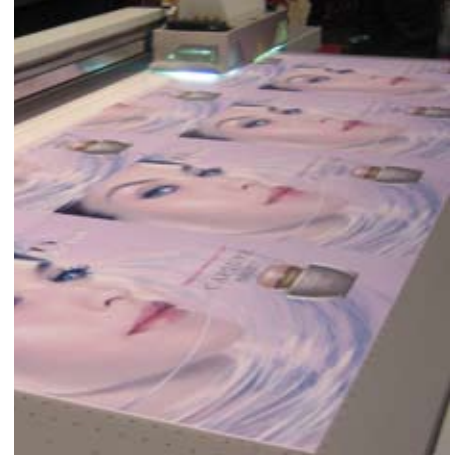


The Océ Arizona 250 GT is quite simply a technology disruption: a UV curable flatbed and roll-to-roll inkjet printer that delivers exceptional image quality to take display graphics to the next level.

Use it to add new services by printing photo-quality images on virtually any media imaginable. Take on work that was never before possible with lesser quality printing systems. The Océ Arizona 250 GT gives you endless opportunities to increase your display graphics revenue.

With Océ, you know you can grow your display graphics business — securely and profitably. We are the only company that offers a total solution for the large format visual communications market, including hardware, software, consumables, training, service and financing. Our mission is to help you reach your business goals for years to come.

Exceptional image quality on rigid or flexible media



Produce exceptional quality prints with Océ VariaDot imaging technology

With its outstanding image quality, the Océ Arizona 250 GT gives you the ability to offer premium printing services. The realistic, photo-like image quality is due to Océ VariaDot imaging technology: it delivers finer details and smoother gradients in highlight areas, as well as crisp colours in the mid tones and incredible density in shadows and areas of solid colour. Images look far superior to those printed on a conventional, fixed-droplet, 6-colour inkjet printer.

Benefit from the next revolution in piezoelectric inkjet technology

The Océ Arizona 250 GT received the Digital Printing & Imaging (DPI) Vision Award as the new digital imaging product development most likely to have a profound and positive effect on the industry. The award was handed out during the Specialty Graphics Imaging Association (SGIA) trade show in September 2006.

Océ VariaDot imaging technology breaks the image quality barrier in inkjet printing. It is a whole new approach to inkjet printing that actually goes back to the basics.



Océ VariaDot™ Technology



Small dots → exceptional detail

Medium dots → smooth skintones

Large dots → greater density

Variable Dot Printing

Fixed Dot Printing



One size does not fit all

This is one case where 'one size does not fit all.' Conventional inkjet technology is limited by the fact that it can only produce one size of ink droplet. This creates very grainy images because of the amount of white space that is left between each drop of ink.

Years ago, inkjet manufacturers found a way to overcome this problem by adding two additional colours (light cyan and light magenta) to the standard ink set to create more gradual transitions from very light colours to very dark colours. Over time this complicated and expensive method known as six colour printing has become the de facto quality standard for nearly all inkjet printer manufacturers.

Now four is really better than six

Océ felt there had to be a better way and we tackled the problem head-on. The result is Océ VariaDot imaging technology, the next evolution of piezoelectric inkjet printing. It enables a print head to produce droplets in different sizes instead of trying to get the job done with only a single, large droplet.

Océ VariaDot images appear considerably less grainy than those printed on a six colour, fixed dot printer regardless of the resolution. It takes inkjet printing to a new level of performance using only four colours of ink.

The ability to vary the drop size to as little as 6 picolitres produces sharp images with smoother gradients and quarter-tones. The ability to jet larger droplets up to 42 picolitres produces dense, solid colours. The result is near-photographic image quality with a sharpness that's only been seen before this at resolutions of 1,440 dpi or higher. For example, single-colour 6 point text is perfectly legible.

With this image quality, you can produce high quality POS materials, banners, exhibit graphics, displays and more. And you can print these near-photographic images on virtually any rigid or flexible material to meet diverse customer needs.



Exceptional image quality on rigid or flexible media

Print specialised applications on rigid and flexible media

The Océ Arizona 250 GT is a true flatbed system that opens the door to producing specialised applications that command premium prices. It uses UV curable inks to print on rigid media up to 1.25 m wide x 2.5 m long x 48 mm thick (49" wide x 98" long x 1.89" thick). A vacuum system holds media stationary on a flat surface, ensuring perfect registration even on multiple imaging passes or double-sided printing applications. It can print full bleeds, saving time and labour costs in finishing. Plus there is no minimum print size so substrate waste is eliminated.

Unlike conventional rigid capable printers that use friction or belt feed systems, the Océ Arizona 250 GT can print on just about anything. UV curable inks enable printing on inexpensive, uncoated rigid and flexible media. This system can handle irregularly shaped or non-square items, heavy substrates and materials that have an uneven surface, like wood. You can even print on flat, pre-assembled furniture pieces, glass, fixtures, framed canvas or anything else your customer desires.

Reduce ink costs by up to 50 percent

Lower your costs and watch how quickly your bottom line improves. The Océ Arizona 250 GT helps you reduce your operating costs through Océ VariaDot imaging technology, which uses 4 colour inks instead of 6 colour inks. Two less ink colours and lower ink consumption results in ink savings of up to 50 percent over fixed-droplet, 6 colour printers. The system also features the well-known reliability of Océ, ensuring years of predictable, dependable operation. This puts more money in your pocket and makes your pricing more competitive as well.





Bank on predictable productivity, every job, every time

In today's competitive printing industry, it's not enough to offer the best image quality or services. You also have to deliver – day in and day out. Now you can take a quantum leap in your workflow. Unlike all other flatbed or rigid capable printers, the Océ Arizona 250 GT prints along the Y-axis (the long axis) to speed up throughput. Fewer printing passes mean the average productivity is on average 25 percent higher than systems that have to transport rigid boards through the printing area length-wise.

The UV curable ink is packaged in 2-litre bags to reduce change-outs. Ink bags can be changed on-the-fly when ink sensors alert operators that ink is running low. The system will even warn you if the wrong colour ink is installed, saving you the cost and mess of flushing the system.

Advance your business with confidence

A profitable future lies before you with the Océ Arizona 250 GT. With the optional roll-to-roll module you can print on a wide range of flexible media including banners, textiles, films, self-adhesive vinyl and various indoor and outdoor papers without compromising the rigid printing workflow in any way.

Unlike most systems, the two printing areas do not interfere with each other: while printing in one mode, the operator can handle media in the other area without disrupting the printing process. No operator intervention is required to switch between rigid and flexible printing modes. That means no downtime and no delays in your production schedule.

And you can add the roll-to-roll option when you purchase the system, or at any time in the future depending on your printing needs.

Support your business with an established strategic partner

Count on Océ to deliver professional, large format solutions for indoor and outdoor colour display graphics applications. Our solutions are specifically designed to enhance your revenue and profit opportunities by combining hardware with workflow software and the expertise to help you expand your display graphics business. From extremely high-quality photo laser printers to outdoor-durable systems, Océ is the only company offering a total solution including hardware, software, consumables, support and financing. We are your full-service partner that you can count on to help your businesses grow.

Beyond the Ordinary



Printing for Professionals

Océ helps the people who make our world. Companies everywhere use Océ technical documentation systems in manufacturing, architecture, engineering and construction. Each week, high speed Océ printing systems produce millions of transaction documents such as bank statements and utility bills. And in offices around the world, people use Océ professional document systems to keep the wheels of business and government turning. Océ is also at work in publishing on demand, newspaper production and wide format colour for spectacular display graphics. It all helps our professional customers go 'Beyond the Ordinary' in printing and document management.

Océ Partners and Awards



DPI Vision Award 2006

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