



Océ
Arizona® 300
Series UV
flatbed printers

You won't believe
your eyes



Exceptional image
quality on rigid and
flexible media

- Produce exceptional quality prints with Océ VariaDot™ imaging technology
- Print specialized 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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Océ Arizona 300 Series printers

Exceptional image quality on rigid and flexible media



The Océ Arizona 300 Series printers – including the Océ Arizona 300 GT, Océ Arizona 350 GT and Océ Arizona 350 XT models – are quite simply a technology disruption: UV curable flatbed and roll-to-roll inkjet printers that deliver exceptional image quality to take display graphics to the next level.

Use them 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. Océ Arizona 300 Series printers give you endless opportunities to increase your display graphics revenue.

With Océ, you know you can grow your display graphics business, securely and profitably. We offer a total solution for the display graphics market including hardware, software, consumables, applications expertise, hardware service and financing. Our mission is to help you reach your business goals for years to come.

Produce exceptional quality prints with Océ VariaDot imaging technology



Recognized for exceptional image quality

Beginning with the original Océ Arizona 250 GT model, the Océ Arizona Series has been recognized and acclaimed in the industry. Upon its introduction in 2006, the Océ Arizona 250 GT was honored with the *DPI Vision Award*, which is given to the new digital imaging product development most likely to have a profound and positive effect on the industry.

Since then, Océ Arizona Series printers have continued to collect accolades for exceptional image quality, versatility and productivity. Honors include:

- DPI Vision Award, 2006
- *viscomm* INNOVATION Award, 2007
- Product of the Year Award, 2007
- Digital Output Readers' Choice Top 50, 2007
- Gold Medal of Poznan, 2008
- Product of the Year Honorable Mention, 2008
- Worth-A-Look!, 2008
- Digital Output Readers' Choice Top 50, 2008
- BERTL 4.5 Star Outstanding, 2009
- Wide-Format Imaging Top Flatbed, 2009
- Gold Medal of Poznan, 2009
- Print 21 Hot Pick, 2009
- Product of the Year Award *category 113*, 2009
- Product of the Year Award *category 114*, 2009
- Digital Output Readers' Choice Top 50, 2009

Océ VariaDot imaging technology

With their outstanding image quality, Océ Arizona 300 Series printers 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 colors in the mid-tones and incredible density in shadows and areas of solid color. Images look far superior to those printed on a conventional, fixed-droplet, 6-color inkjet printer while consuming up to 50 percent less ink

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.

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 utilize one size of ink droplet. This creates very grainy images due to 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 colors (light cyan and light magenta) to the standard ink set to create more gradual transitions from very light colors to very dark colors. Over time this complicated and expensive method known as six color printing has become the de facto quality standard for nearly all inkjet printer manufacturers.

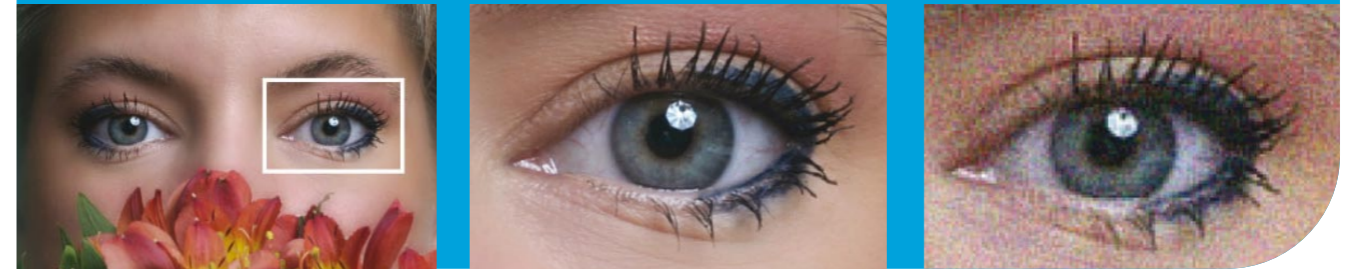
Océ VariaDot Imaging Technology



- Small dots → exceptional detail
- Medium dots → smooth skintones
- Large dots → greater density

Variable Dot Printing

Fixed Dot Printing



Now four is really better than six

We knew there had to be a better way. Selecting a new technology not used before in a UV printer, Océ confidently introduced Océ VariaDot imaging technology, a true revolution in piezoelectric inkjet printing. It enables a print head to produce droplets in different sizes instead of trying to get the job done with only one single, large droplet.

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

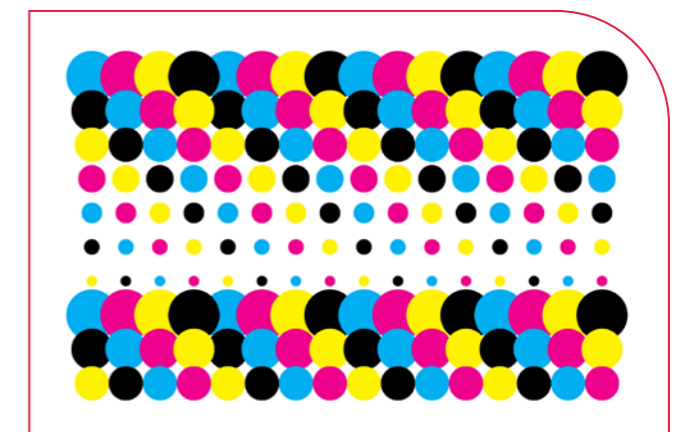
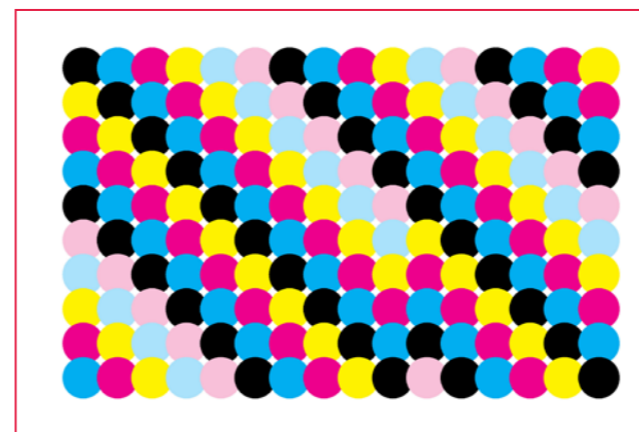
The ability to vary the drop size to as little as 6 picoliters produces sharp images with smoother gradients and quarter-tones. The ability to jet larger droplets up to 42 picoliters produces dense, solid colors. The result is near-photographic image quality with a sharpness that's only been seen before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

With this image quality, you can produce stunning point-of-purchase 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.

Reduce ink costs by up to 50 percent

Lower your costs and watch how quickly your bottom line improves. Because Océ VariaDot imaging technology uses only 4 colors and can jet exactly the right size droplet, it uses up to 50 percent less ink than fixed-droplet, 6 color 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.

Fixed six-color printing (below left); Océ VariaDot imaging technology (below right).

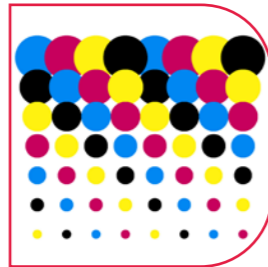


Océ Arizona 300 Series printers

No-compromise printing

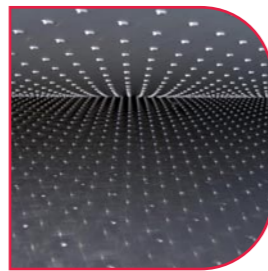
Océ VariaDot imaging technology

- Exceptional print quality rivaling photographic imagery
- Finer details and smoother gradients
- Up to 50% ink savings over six-color systems
- Dense, uniform solid colors



True flatbed

- Vacuum system holds boards in place
- Support for rigid media or objects up to 48 mm (1.89") thick
- Edge-to-edge (full bleed) printing
- Easy, precise double-sided printing



Roll Media Option

- Available as a factory order or field-upgrade on all models
- Supports flexible roll media up to 2.2 m (86.6") wide
- Proven reliability for unattended operation

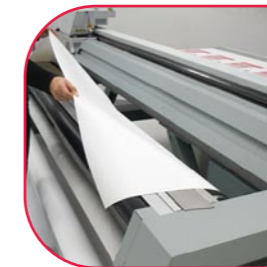


Bulk ink system

- CMYK inks in two liter packages
- White ink in one liter package
- Quick-and-easy replacement anytime
- Temperature-regulated system maintains consistent ink viscosity
- Low-ink warning system



Océ Arizona 350 GT printer



Independent rigid and roll systems

- Print rigid media while preparing roll media and vice-versa – no need to stop to change modes
- Compact roll media handling reduces overall footprint



White Ink Option Océ Arizona 350 XT and Océ Arizona 350 GT models only

- Print on colored and clear, rigid and flexible media
- Create Backlit, Day-Night and Opaque applications



Easy operation

- No special electrical or compressed air requirements
- User-positionable workstation
- Reprint a job with just one click



Safety features

- Shuttered lamp area protects the operator and print heads from excessive UV exposure
- Carriage guard protects the printer from media collisions by stopping motion if interrupted

Print on nearly any rigid or flexible media

True flatbed opens new avenues for revenue

Océ Arizona 300 Series printers are true flatbed systems, which open the door to producing specialized applications that command premium prices. They use UV curable inks to print on rigid media. A vacuum system holds rigid media stationary on the printer's flat table surface, ensuring perfect registration even on multiple imaging passes or double-sided printing applications. They can print edge-to-edge (full bleed), saving time and labor costs in finishing. Plus there is no minimum print size so substrate waste is nearly eliminated.

Unlike conventional rigid capable printers that use friction or belt feed systems, Océ Arizona 300 Series printers can print on just about anything. UV curable inks enable printing on inexpensive, uncoated rigid and flexible media. These systems 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.

Roll Media Option for flexible media printing

With the Roll Media Option 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.

Most Océ Arizona Series printer owners with the Roll Media Option are so confident in their equipment that they often leave the system running unattended overnight, making money while they sleep.

You can add the Roll Media Option when you purchase the system or at any time in the future, depending on your printing needs.

White Ink Option

The Océ Arizona 350 XT and Océ Arizona 350 GT printers include a White Ink Option that can be added at the factory or in the field. With the White Ink Option, you can print on non-white media or objects (under-printing), create backlit applications on transparent media (over-printing) and use white as a spot color.

Under-printing white ink provides a base for non-white surfaces upon which color can be added, giving you the ability to expand your range of offerings to include specialty applications.

Over-printing white ink provides a diffusion layer for backlit applications that will be viewed from the unprinted side, giving you the ability to produce high quality backlit images for point-of-purchase applications. The ability to also print white ink as a spot color enables white features of images to be highlighted for greater effect. You can even print white six-point text!

The white ink implementation in Océ Arizona printers lets you specify how white ink is applied: first, last or in-between colors; as a spot color or as a flood layer; and in one or two layers. This gives you the flexibility to create a wide range of applications on a variety of surfaces.



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 300 Series prints along the Y-axis (the long axis) to speed up throughput. Fewer printing passes mean that productivity is on average 25 percent higher than systems that have to transport rigid boards through the printing area length-wise.

The extra width of the Océ Arizona 350 XT printer enables it to be used in a continuous imaging mode for rigid media up to 1.25 m by 2.5 m (49.2 x 98.4”), or a standard 4- by 8-foot board. Two rigid boards of this size can be mounted on separate vacuum areas of the flatbed table. While one board is being printed, the other can be changed by the operator. Since the printer never has to stop printing for a media change, users can significantly increase their net print production on boards of this size.

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



Support your business with an established strategic partner

Count on Océ to deliver professional, large format solutions for indoor and outdoor color display graphics applications. We are your full-service partner that you can count on to help your businesses grow.

Make your money work harder

Financing your large format display graphics solution is just as important to your business as your choice in system configuration. Océ Finance can help you acquire today's state-of-the-art equipment for less. Or check into our programs that give you the latest equipment to use now, with the option to seamlessly upgrade as your needs grow. Our financing programs are designed to fit within your budget, freeing up your money for other core business activities. Now that's what we call financing you can enjoy!

Rest assured with Océ Service & Support

Before we sell you an Océ Display Graphics Systems product, we make sure we can fully support your investment. All DGS technicians are professionally trained to work with every product in our range so we can deliver the best possible service. Spare parts are stocked in more than 30 countries worldwide with major warehouses in Europe, North America and Asia. As a result, vital components are always on hand to keep your machines running. What's more, we employ a worldwide team of Applications Specialists – printing experts with intensive training and years of experience – to assist you before and after your equipment is installed. They are at your service for training and applications support, so you can invest your energy in exploring new business opportunities.

Océ Arizona 300 Series printers



Model

Océ Arizona 300 GT

Océ Arizona 350 GT

Océ Arizona 350 XT

General description

Large UV curable, light-production flatbed printer

Large UV curable, mid-production flatbed printer

Extra large UV curable, high-production flatbed printer

Applications

- Event graphics
- Point-of-purchase displays
- Limited-term signage
- Banners
- Backlit and reflective rigid displays (without white ink)
- Transit advertising
- Directional signage

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Productivity (flatbed speeds)

- Production Mode: 12.3 m² (133 ft²) / hr
- Quality Mode: 8.5 m² (91 ft²) / hr

- Production Mode: 22.2 m² (239 ft²) / hr
- Quality Mode: 15.2 m² (164 ft²) / hr
- White Ink Option: 7.6 m² (82 ft²) / hr

- Production Mode: 23 m² (248 ft²) / hr
- Quality Mode: 15.7 m² (169 ft²) / hr
- White Ink Option: 7.8 m² (84 ft²) / Hr
- Continuous imaging mode for rigid materials up to 1.25 x 2.5 m (4' x 8') in size

Media size **Rigid**

Roll

- 1.25m W x 2.50 m L x 48 mm T (49" W x 98.4" L x 1.89"T)
- 2.2m W (86.6" W)

- 1.25m W x 2.50 m L x 48 mm T (49" W x 98.4" L x 1.89"T)
- 2.2m W (86.6" W)

- 2.50m W x 3.05 m L x 48 mm T (98.4" W x 120" L x 1.89"T)
- 2.2m W (86.6" W)

Durability of output

2+ years

2+ years

2+ years

Key features

- Océ VariaDot imaging technology, for sharp details, smooth transitions and gradients, uniform solid colors and superior ink economy
- True flatbed table with Roll Media Option
- UV curable, CMYK inks in 2 liter, quick-exchange ink bags
- 1 piezoelectric printhead per color

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Options and field upgrades

- Roll Media Option (factory or field)
- Upgrade to Océ Arizona 350 GT (field)

- Roll Media Option (factory or field)
- White Ink Option (factory or field)

- Roll Media Option (factory or field)
- White Ink Option (factory or field)

Business Beyond the Ordinary



Océ Arizona Series Awards



Océ Partners



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Printing for Professionals

Océ helps the people who make our world. Companies everywhere use Océ display graphics printing, high-speed digital printing, technical documentation and professional document systems to keep the wheels of business, industry and government turning. Océ also helps the world. Developing products and services that add value to the printing and document processes of our customers, while minimizing environmental impact and protecting health and safety, has always been one of our core principles. From wide format display graphics to on-demand documents, to bank statements to blueprints, Océ helps our professional customers go 'Beyond the Ordinary' in printing and document management.

Océ Display Graphics Systems

For information and services, visit us at:

www.oce.com