

Arizona 2300 series

READY SET FLOW

Canon

LET YOUR CREATIVITY FLOW

Explore the unlimited creativity, accuracy and quality of the latest world-leading Arizona flatbed printer.



The Arizona 2300 series consists of true flatbed printers based on UV-curable ink. Quick, reliable and low-maintenance, the latest Arizona printer provides the optimum in print quality and versatility for both rigid and flexible media applications. Enjoy a mind-blowing application range, instant-on capability and self-learning technology that will help you further expand your expertise – and business.

Design complex jobs once, and then easily adapt and repeat to save time on future projects. The new Arizona 2300 series is designed to serve the versatile printing needs of Professional Print Service Providers who require peak production capacity of more than 700 m²/week, in a single shift.

The Arizona 2300 is rock-solid in its basic configuration and ready for upgrades such as roll media and additional ink channels, including our brightest ever white UV ink and crystal clear varnish.

As the global leader in Large Format imaging systems, Canon has set the market standard for productivity, instant operation, reliable performance and amazing quality.

Since its launch in 2007, over 7,000 Arizona printers have been sold worldwide. Join the Arizona family and rely on instant-on printing and incredible, creative applications print after print, year after year.

PRODUCTIVE READY TO GO

Instant printing

When a valuable rush job comes in, you want to be able to get on with it immediately. The instant-on capability of the Arizona 2300 series means there is no warming up necessary, thanks to the LED-UV curing system. The Arizona 2300 series UV inks offer excellent adhesion over a very broad media range and are optimised for LED curing resulting in sensational print quality.

Game-changing FLOW technology

The Arizona 2300 series is built around Arizona FLOW technology that is revolutionising the way we look at flatbed table architecture for easy-to-use, versatile and productive printing. Say goodbye to costly masking: Arizona FLOW technology introduces an impressive airflow technique that combines a zone-less, multi-origin table layout, supported by easy-to-use pneumatic registration pins. This results in less masking, easy and hassle-free job switching and versatile, accurate and productive multi-board or double-sided printing.

Speed and productivity

The Arizona 2300 series exemplifies speed and productivity. With an additional set of pneumatic registration pins, you can now register substrates to either the left or right edge of the table, or even both – enabling you to print 2-up, or for easy and accurate double-sided printing. The Arizona 2300 series delivers sharp, high-key prints at impressive speeds of up to 93 m²/hr (1001 ft²/hr) and high-density prints at up to 64 m²/hr (691 ft²/hr).



Uptime is key

The robust Arizona 2300 has been designed to stay productive. The Automated Maintenance System (AMS) offers hands-free printhead maintenance, restoring reliable nozzle functionality in seconds. And this even applies to white, which traditionally has always been a difficult colour to maintain for any manufacturer. With the Arizona 2300 series, the white ink system is just as reliable as the other colours. The Remote Service option enables you to authorise remote assistance by certified service technicians, should the need arise. This way, you receive support as quickly as possible and can maximise your printer's uptime.

Tailored to fit your workflow

With the Arizona 2300 series, you can add expansions at any time. Featuring 4, 6 or 8 colour channels, you can effortlessly create the exact hardware configuration you need: add extra ink channels for an optimum colour configuration with light inks, or add varnish or bright white ink for stunning, high-value applications.

With the Roll Media Option, you can print on media of up to 220 cm or 86.6 inches wide, and weighing up to 50 kilograms or 110.2 pounds. This includes thin, heat-sensitive media. This upgrade also allows you to switch between rigid and flexible media jobs without any machine preparation, enabling safe, unattended overnight printing.

With the Static Suppression Upgrade Kit you can extend your media range even further, to include hard plastic materials such as acrylic, polycarbonate and styrene.

Flexible workflow integration

We are constantly developing our software, so you can expand your Arizona options as your business and creativity grow. In addition, the Arizona open interface gives access to automate your workflow even further, for instance with robotised media handling.

VERSATILE READY FOR CREATIVITY

Print on rigid or flexible media, standard or porous surfaces

The impressive wide-range of applications offered by the Arizona 2300 series includes ability to print on odd-shaped, heavy, smooth and pre-cut media. Unusual media or objects, such as canvas, wood, tiles or glass, or even print large images tiled over multiple large boards are also no problem. Arizona FLOW technology not only saves time, with faster changeover between applications and shorter setup times between jobs, it also offers more possibilities. Edge-to-edge printing can be achieved with ease, for media or objects of up to 1.25 x 2.5 meters or 49.2 x 98.4 inches with the GTF models, and 2.5 x 3.08 meters, or 98.4 x 121.3 inches with the XTF models. You can also print on media of up to 50.8 mm or 2 inches thick, opening up exciting new commercial opportunities.

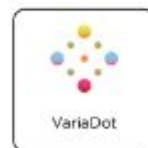
Superior print quality comes as standard

The Arizona 2300 series uses the impressive VariaDot imaging technology featured in all Arizona printers. This award-winning technology offers near photorealistic print quality for reliable printing in even the fastest production modes. It delivers finer details and smoother gradients in highlight areas, crisp colours in the mid tones, and incredible density in shadows and areas of solid colour. So your images look far superior to those printed on a conventional, fixed-droplet, 6-colour inkjet printer. The new High-Key print mode and enhanced screening give you outstanding results, print after print. Add light cyan and light magenta inks, or our brightest white UV ink ever, or even varnish to your ink channels, to create even higher-quality photo and fine-art applications.

One of the key ingredients behind the exceptional print quality of the Arizona 2300 series is the precision from highly accurate registration. The high-resolution camera alignment system guarantees easy, quick and precise printhead alignment and flatbed table mapping. Active Pixel Placement Compensation creates an accurate, uniform print geometry over the entire flatbed surface. This effectively makes the whole of the flatbed table flat to within an impressive 50 microns.

An entirely new dimension

Design and print jaw-dropping textured images with incredible ease. The Arizona 2300 series can be equipped with the fascinating Touchstone technology that opens up a wealth of new, pioneering applications to further set you apart from the competition.



SMART READY FOR GROWTH

Arizona Xpert functionality: Imagine. Print. Learn. Repeat

Grow your business thanks to smarter workflows. What if your printer could learn from what you do? The Arizona 2300 series can do just that, with the self-learning capacity of the Arizona Xpert functionality. Intuitively design your complex, multi-layered project once, and then print it over and over again. The printer learns the recipe for the project. So, the next time you want to print a similar application, simply reapply the recipe to another job.

Thanks to the self-learning capacity of the Arizona Xpert functionality, you can create recipes for complex, multi-layered projects, even transparencies and multi-sided applications over multiple boards. By designing complex jobs just once, you can leverage your expertise and easily adapt and repeat designs to save time on future projects.

Easy, reliable, solid

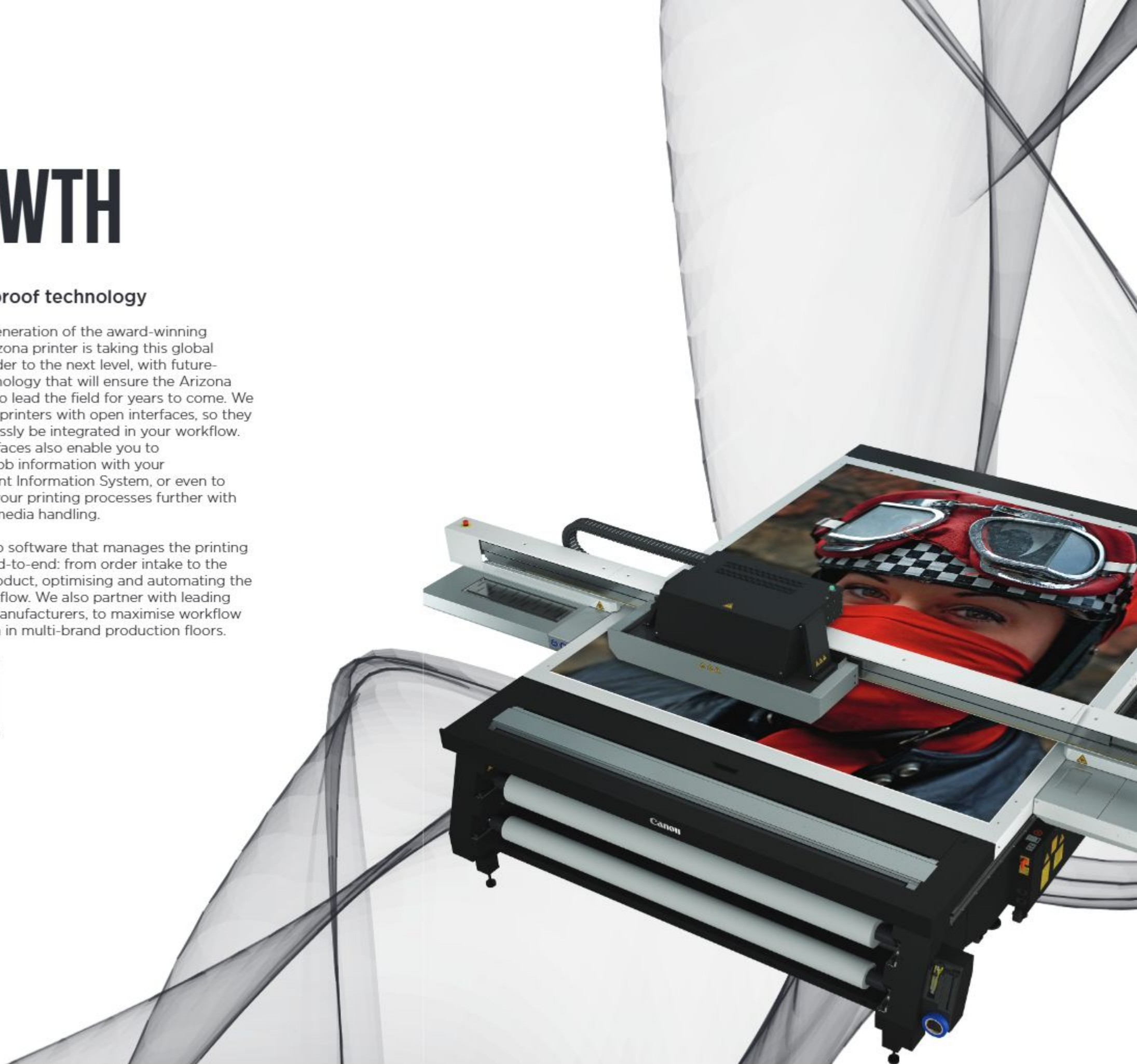
The Arizona 2300 series printers are designed for the kind of easy, reliable operation a busy print environment needs. Make last-minute adjustments at the printer, such as nesting, batching of complex jobs, step and repeat, mirroring and re-assignment of print modes. Media handling is also simple and efficient. Rigid media loading is fast and easy, thanks to the multi-origin table layout and pneumatic registration pins. Arizona FLOW technology means there is practically no need for masking, so you can quickly switch between jobs. And fewer process steps means fewer mistakes and greater productivity.

Future-proof technology

The new generation of the award-winning flatbed Arizona printer is taking this global market leader to the next level, with future-proof technology that will ensure the Arizona continues to lead the field for years to come. We design our printers with open interfaces, so they can seamlessly be integrated in your workflow. Open interfaces also enable you to exchange job information with your Management Information System, or even to automate your printing processes further with robotised media handling.

We develop software that manages the printing process end-to-end: from order intake to the finished product, optimising and automating the entire workflow. We also partner with leading software manufacturers, to maximise workflow automation in multi-brand production floors.

Arizona
Xpert



SUSTAINABLE READY FOR THE FUTURE

The Canon Kyosei philosophy is reflected in our commitment to creating a healthier working environment and helping protect the planet on which we live. That's why Canon actively searches for safer solutions and creates a sustainable way of working for your operators and the environment.

The Arizona 2300 series is precision built in Germany and is TÜV and DGUV certified. To lower costs, minimise environmental impact and create a safe working environment, Canon actively strives to offer solutions and options that help achieve these goals.

LED-UV inks

Canon LED-UV inks are UL GREENGUARD Gold certified, so the Arizona can produce fabulous prints that are safe for all your customers, including schools, hotels and hospitals.

LED-UV curing

The Arizona LED-UV curing results not only in lower energy consumption, the longer lamp life also saves costs and is better for the environment.



Low ink consumption

Utilising tiny 6 to 30 picolitre drops, the high productivity of the Arizona 2300 series comes with extremely low ink consumption. Thanks to the VariaDot printhead technology, less than 8 millilitres per square meter or 0.74 millilitres per square foot is used on average, including with maintenance.

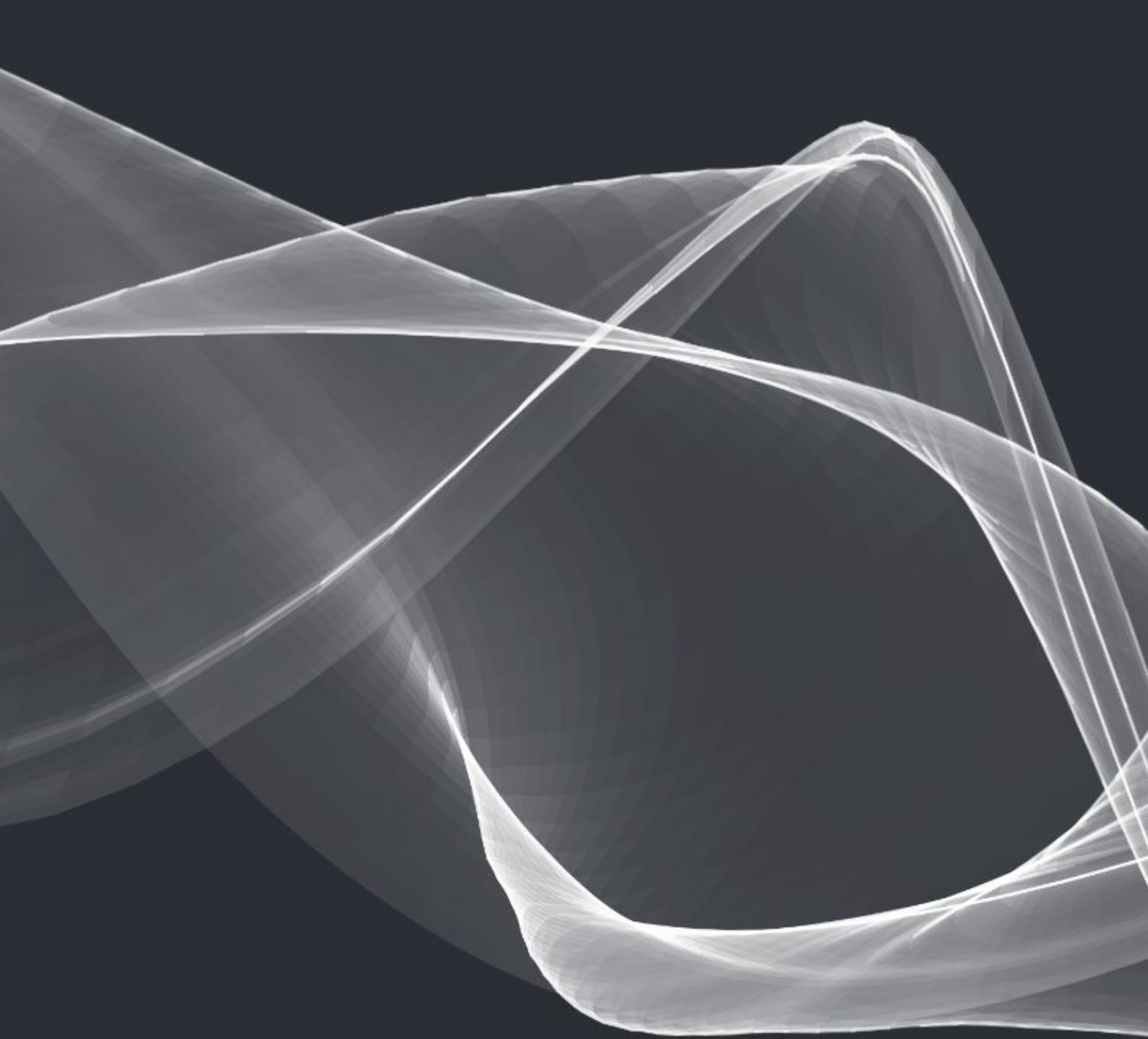
Low energy consumption

The instant-on operation means the Arizona 2300 needs virtually no warming up period. Your printer is ready when you are. Operating with a standard voltage power supply reduces energy consumption. There are also no power peaks during operation. The Arizona LED-UV curing results not only in low energy consumption; the longer lamp life also reduces costs.

Air filtration option

Canon is committed to ensuring the health and safety of our customers is not at risk when using our printers. All Arizona printers are fully tested and safety certified. And Canon doesn't stop there: in addition to determining the required air flow specification for the print room, we realise that some rooms do not meet this specification. This is why we also offer an Air Filtration Option, to maintain a healthy working environment for you and your employees.

共生



© 2020 Canon Production Printing

No part of this publication may be copied, modified, reproduced or transmitted in any form or by any means, electronic, manual, or otherwise, without the prior written permission of Canon Production Printing. Illustrations and printer output images are simulated and do not necessarily apply to products and services offered in each local market. The content of this publication should neither be construed as any guarantee or warranty with regard to specific properties or specifications nor of technical performance or suitability for particular applications. The content of this publication may be subject to changes from time to time without notice. Canon Production Printing shall not be liable for any direct, indirect or consequential damages of any nature, or losses or expenses resulting from the use of the contents of this publication.

Canon

Canon Inc.
canon.com
Canon Europe
canon-europe.com
English edition