

BRING IT ON.

Arizona 1300 FLOW



Canon

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The Arizona 1300 series of flatbed printers for growing mid volumes is now also available including the award winning Arizona FLOW technology. This enables Large Format Graphics printers and other Print Service Providers (PSPs) to offer customers a wide range of applications for the retail, interior décor, packaging, and industrial market segments.

Following the successful launch of the Arizona 2300 series in 2020, we are now bringing the highly productive FLOW technology to the growing mid-volume flatbed segment. These 1-row systems belong to the 5th generation of the Arizona series and are based on years of proven experience, with more than 8.000 installations of the market-leading Arizona flatbed printer worldwide.

The Arizona 1300 series for growing mid volumes now includes the award-winning Arizona FLOW technology, an innovative zone-free vacuum system that makes media handling easy. This enables Large Format Graphics printers and other Print Service

Providers (PSPs) to offer customers a wide range of applications for the retail, interior décor, packaging, and industrial market segments. So, they can now offer applications across an extensive array of rigid and flexible media - as well as irregular-shaped substrates - more easily and more productively.

The outstanding productivity, print quality and application versatility, as well as smart innovations in additional print modes, ease of use, workflow optimisation and UV-LED curing technology will open up new opportunities for companies looking to stay ahead of the competition.



PRODUCTIVITY BY DESIGN

Designed to meet industrial productivity standards and incorporating up-time enhancing features

HIGH-QUALITY AND VERSATILE APPLICATIONS

Unrivalled application versatility, photorealistic quality and impressive elevated prints



EASY-TO-USE

True flatbed architecture for easy loading and last-minute adjustments

SUSTAINABLE AND LONG-LASTING

From design and manufacturing to use, reuse and recycling, Arizona has been developed to be sustainable

SMART FUNCTIONALITIES

Supported by user-friendly smart workflow software

PRODUCTIVITY BY DESIGN

BRING IT ON.

Designed to meet industrial productivity standards and incorporating up-time enhancing features

The Arizona 1300 series with FLOW technology offers versatile, accurate and highly productive multi-board and double-sided printing. It's also much quicker to change media and board size, making it the ideal solution for printing many short-run jobs spread throughout the day.

Moreover, users can realise commercial quality prints with higher levels of productivity than most other devices in this class. Since there are no vacuum zones, far less masking and taping is required, reducing effort, time and cost. In addition, the different print modes to suit each and every job and instant-on capability - with no warm-up time - mean that energy use and production capacity are optimised.



GAME-CHANGING, PROVEN FLOW TECHNOLOGY

- Innovative airflow technique around media or objects placed on the flatbed that uses automatic measurement and adjustment of pressure levels
- Multi-origin table layout with easy-to-use pneumatic registration pins
- Ping-Pong continuous printing mode: independent vacuum systems for simultaneous printing and loading/unloading of media (XTF models)

INSTANT PRINTING

- The UV-LED curing system enables instant-on printing without the need for warming up, saving time and energy
- With far less masking and taping required, printing can start without delay

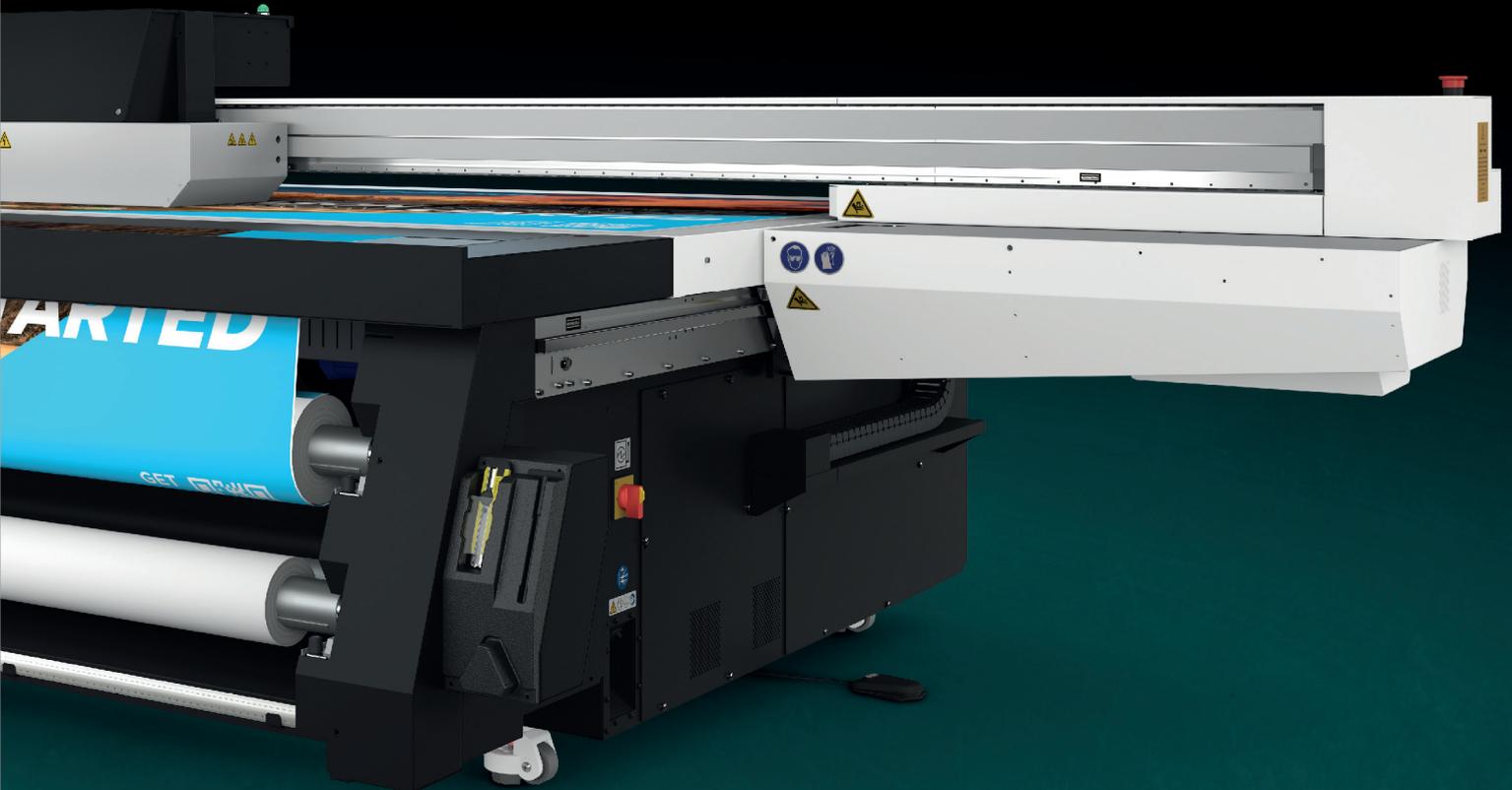
SPEED

- Sharp, high-key prints up to 52.8 m²/hr. (568.3 ft.²/hr.)
- High-density prints up to 35.3 m²/hr. (380 ft.²/hr.)

RELIABILITY AND UPTIME

The Arizona series require low-maintenance. The devices are designed to meet industrial productivity standards and incorporate uptime-enhancing features such as:

- Automated Maintenance System for hands-free printhead maintenance, selectively restore nozzle function in seconds
- Automated maintenance behaviour customisable to your needs
- Remaining-ink-level indicator for accurate estimation of job completion with the remaining ink, allowing for unattended overnight production





HIGH-QUALITY AND VERSATILE APPLICATIONS

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Unrivalled application versatility, photorealistic quality and impressive elevated prints

The Arizona 1300 series with FLOW technology enables printers to offer fabulous print quality, including photographic and fine-art applications, particularly on unusual materials such as canvas, wood, tiles and glass. It gives producers the opportunity to create a wow-factor without having to spend a fortune on expensive substrates.

This is thanks to the fact that the Arizona 1300 with FLOW technology offers stunning print quality on every type of substrate. Customers will be enticed by the increased quality provided by the availability of Light Cyan, Light Magenta and White inks in the higher-quality print modes, enjoying the additional smoothness in the highlight and quartertone areas of printed images.

The third generation of Arizona VariaDot technology supports an even more advanced use of different ink drop sizes in the various colours to ensure the biggest choice in quality/speed ratios. The additional print modes also allow you to achieve a larger colour gamut, so you can create the most colourful applications.

TEXTURED INK OR VARNISH APPLICATIONS

Customers producing high-value textured, permanent signage, product decoration, awards, décor materials or package prototyping will also be attracted to the elevated printing capability in this mid-volume flatbed, as facilitated by PRISMAelevate XL. This textured print capability is also perfect for applications for the visually impaired, or for artwork for interior décor purposes. Imagine a printed Van Gogh, Vermeer or Rembrandt, for instance, with textures as if it was truly painted by hand.

EASY-TO-USE

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True flatbed architecture
for easy loading and
last-minute adjustments

The Arizona 1300 series with FLOW technology allows for easy loading and last-minute adjustments, all with practically no need for masking or manual positioning. This means you'll be able to set up jobs and prepare the table in no time.





SMART FUNCTIONALITIES

BRING IT ON.

Supported by user-friendly
smart workflow software

The easy-to-use User Interface means a single operator can quickly learn how to achieve outstanding results and manage several devices for unattended printing. It also makes the end result predictable, with previewing, to show you what your print will look like before you've even made it.

The PRISMAguide XL option offers an easy-to-use innovative software solution that includes a plugin for Adobe Photoshop and Illustrator, to assist designers in building and previewing designs using pre-defined job recipes. Users save time and money in prepress and print production by generating first time-right applications, eliminating waste and reducing the need for highly skilled operators on every shift.

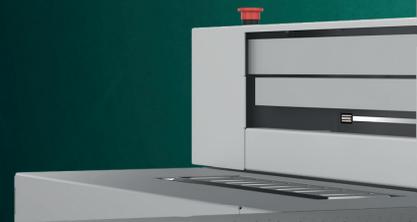
The Arizona 1300 with FLOW technology also offers an accounting interface, allowing the customer to retrieve valuable data about ink consumption and production time, for example, for further processing in accounting packages.

Like all Arizona flatbed printers, the Arizona 1300 series with FLOW technology is a robust device, built on a steel frame and weighing up to 2000 kg! These are systems built to last for many years of hard use.

Manufactured in Germany, all Arizona series printers provide many years of reliable use, well into the future. The Canon Remanufacturing programme also allows customers to trade in their well-loved, well-used Arizona printers when purchasing a replacement. These older systems are inspected, serviced, refurbished and re-sold to new customers as refurbished printers, further extending the lifespan of the Arizona.

**SUSTAINABLE
AND
LONG-LASTING**
BRING IT ON.

From design and manufacturing to use, reuse and recycling, Arizona has been developed to be sustainable



LESS WASTE AND LOWER ENERGY CONSUMPTION

The Arizona 1300 series with FLOW technology reduces waste, including waste from masking and underlays. With its first time right printing and instant-on functionality, the Arizona 1300 series with FLOW technology also has a lower energy consumption than many competing devices.

WASTE REDUCTION

- First-time-right printing for less waste
- Easy-to-use interface combined with intuitive printer architecture to significantly reduce misprints and wastage
- FLOW technology significantly reduces the need for masking
- The LED lamps used in the UV-curing process have a longer life than other types of lamps
- Ink pouches to minimise waste when empty

LOWER ENERGY CONSUMPTION

- Low-energy UV-LED curing
- Instant-on
- Standard voltage power supply
- No power peaks
- Power-saving features such as energy-efficient blowers

CREATING A HEALTHIER WORKING ENVIRONMENT

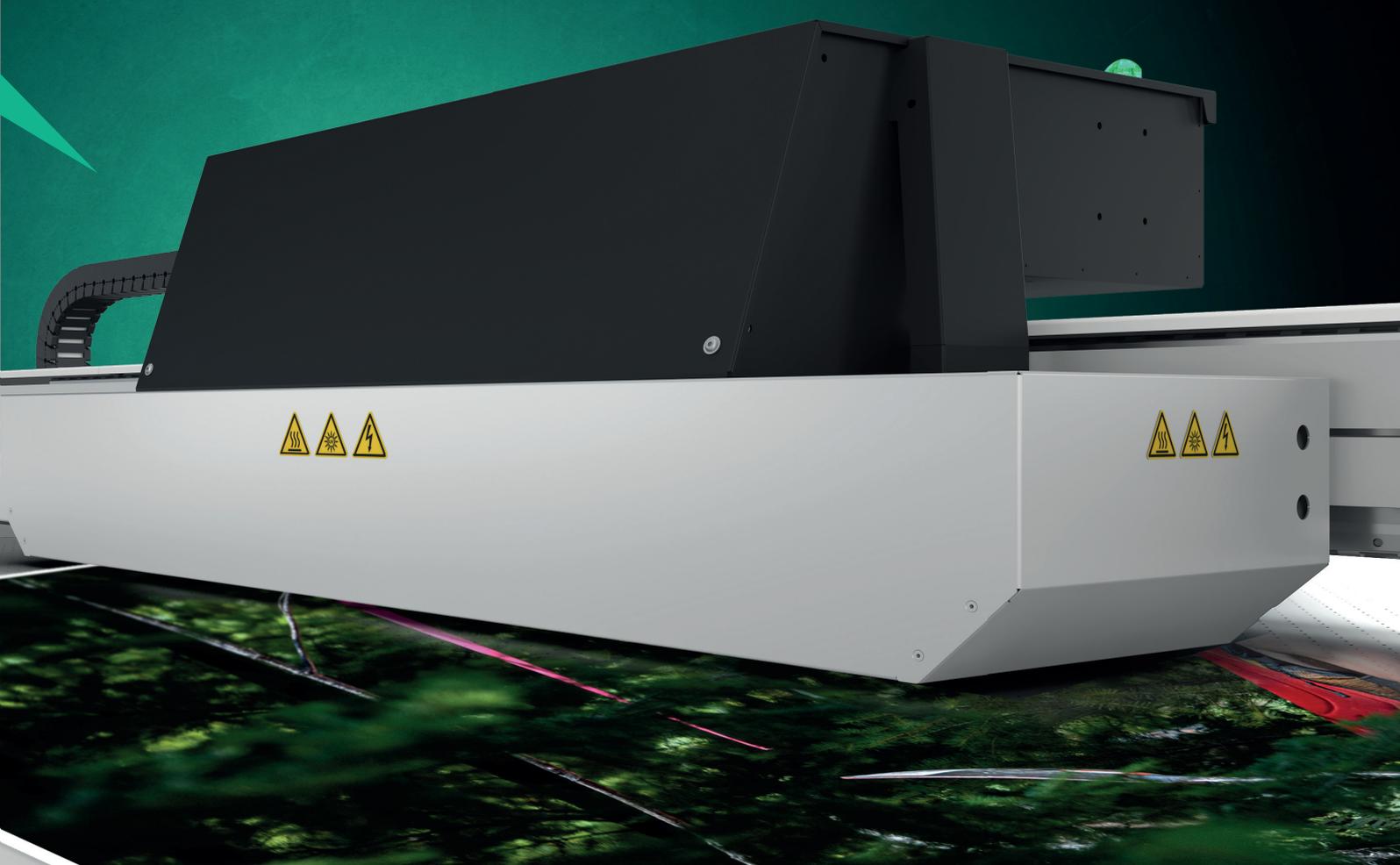
- Low emissions, to meet the most stringent environmental standards
- The printed output of Arizona devices is UL GREENGUARD Gold approved for use in sensitive environments such as schools, hospitals and other public places

LOWER INK CONSUMPTION

- The third generation VariaDot imaging technology uses up to 50% less ink compared to fixed-dot, 6-colour printers
- CMYK printing from less than 8 ml/m² (0.74 ml/ft.²) on average, including maintenance
- Ink drops from 6 to 30 picolitres

UV-LED INKS

- The UL GREENGUARD Gold certified inks are suitable for use in sensitive environments
- Choice of IJC357 and IJC358 inksets
- The inks comply with the latest USA TSCA, REACH-SVHC and RoHS regulations and do not contain conflict minerals





graphiPLAZA is an online community for Large Format Graphics printers. Come join us! Scan the QR code to learn more.

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