LIFT YOUR BUSINESS

Arizona 2300 FLXflow

Canon

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For mid-to-high volume operations, the Arizona 2300 series of flatbed printers with Arizona FLXflow technology now offers a patented, uniquely intelligent way to not only hold but also to float the media.

Whether it's for retail graphics, interior décor, packaging or an industrial market segment, the Arizona 2300 FLXflow handles an extensive array of rigid and flexible media as well as irregular-shaped substrates - more easily and productively than ever before, thanks to easier positioning of both heavy and delicate media.

It includes advanced functionalities, such as additional Quality modes and improved workflow integration. All combining, to help you achieve greater productivity and lift your Large Format Graphics business further.

In addition, innovations, including UV-LED curing technology, power-efficient vacuum and 3rd-generation VariaDot technology, further enhance the credentials of this robust and durable workhorse.

Workflow efficiency and productivity by design
The ideal solution for handling a high mix of work, including many types of short-run jobs throughout the production day.

High-quality and versatility by design
Enabling you to offer near-photorealistic quality and fine-art applications on a vast range of media, particularly on unusual, yet commonly used materials.

Reliability and serviceability by design
The Arizona series has earned a reputation as a robust and reliable workhorse that you can depend on.

Sustainability in our DNA
Supporting customers in achieving sustainability targets through energy-efficient products.

The Arizona 2300 FLXflow offers versatile, accurate and highly productive multi-board and double-sided printing. With the optional new Float functionality and Instant Switch functionality, it's now even easier and quicker to change media and board size, including positioning heavy and irregular substrates by floating them over the table.

This makes the Arizona 2300 FLXflow the ideal solution for handling a high mix of work, including many types of short-run jobs throughout the production day.

At the same time, easy-to-use and smart functionalities help optimise productivity even further. And, thanks to the optional Arizona Automation Interface, it's also possible to connect third-party automated systems for continuous loading and unloading of media.

Easy positioning
- The patented airflow technique around media or objects placed on the flatbed uses automatic measurement and adjustment of airflow levels to firmly and accurately hold various types of media in place, for excellent positioning
- No vacuum zones means far less masking and taping is required, reducing effort, time and cost, so you can realise commercial-quality prints with higher levels of productivity than many other devices in this class
- Multi-origin table layout with easy-to-use pneumatic registration pins for easy loading of rigid media in excellent registration, time after time
- An additional, mirrored set of pneumatic registration pins for registering substrates to either the left or right edge of the table, or both, for easy and accurate 2-up, 3-up or double-sided printing
- Instant Switch functionality, to transition quickly between Hold and Float for even easier media handling

Ping-Pong continuous printing mode
- Independent vacuum systems for simultaneous printing and loading/unloading of media (XTF models)

More choice in quality/speed ratios
Additional choices between Classic and Plus print modes help optimise the balance between print quality and production time, for better quality at the same speed or similar quality at higher speeds.
- Sharp, high-key prints at speeds of up to 95 m²/hr. (1,023 ft.²/hr.)
- High-density prints at speeds of up to 64 m²/hr. (691 ft.²/hr.)

Instant-on productivity
- The UV-LED curing system enables instant-on printing without the need for warming up, saving time and energy
- Remaining-ink-level indicator for accurate estimation of job completion with the remaining ink, allowing for unattended overnight production

WORKFLOW EFFICIENCY AND PRODUCTIVITY BY DESIGN

The ideal solution for handling a high mix of work, including many types of short-run jobs throughout the production day.

HIGH-QUALITY AND VERSATILITY BY DESIGN

Enabling you to offer near-photorealistic quality and fine-art applications on a vast range of media, particularly on unusual, yet commonly used materials.

Fabulous image quality

- The UV-LED curing allows for chemically and mechanically robust, hard-wearing prints that retain their quality for up to two years outdoors
- 3rd-generation of VariaDot printing technology delivers near-photorealistic image reproduction, with advanced use of different ink drop sizes from 6 to 30 picolitres in the various colours
- The additional 'Plus' modes enable you to print an even larger colour gamut, allowing you to create more colourful applications
- Print different designs front and back or mirror images in perfect alignment
- High-resolution camera alignment system for repeatable, precise printhead alignment and flatbed table mapping
- Active Pixel Placement Compensation offers accurate, uniform print geometry over the entire flatbed surface – effectively making the entire flatbed table flat to within 50 microns
- Optional: PRISMAelevate XL for stunning images with elevation of up to 4mm high, available at 20% higher speeds compared to 1mm Touchstone jobs

Incredible media versatility

- With a true flatbed architecture, you can print on non-standard or challenging media such as wood, aluminium, tile, glass, and even objects like doors, frisbees or surfboards
- Print on media of up to 50.8mm (2") thick
- Print on different board sizes at the same time (same thickness)
- Optional: Static Suppression for static-prone materials such as acrylic, polycarbonate and polystyrene
- Arizona FLXflow technology enables you to print on oddly shaped, heavy, smooth or pre-cut media
- Optional: The Instant Switch functionality enables you to transition quickly and simply between the Hold and Float options, for even easier handling of different substrates
- Excellent table adhesion over the media range, including porous, corrugated and also light-weight substrates
- Print images tiled over multiple large boards with edge-to-edge (full bleed) printing without hassle or mess

RELIABILITY AND SERVICEABILITY BY DESIGN

The Arizona series have earned a reputation as a robust and reliable workhorse that you can depend on.

The Arizona series are low-maintenance printers designed to last, and incorporate many features that enhance uptime and allow you to continue printing for years to come.

The robust industrial printing platforms are manufactured in our production facilities in Poing, near Munich, Germany, and have been engineered to provide many years of reliable productivity and are designed for remanufacture and reuse. This reduces their carbon footprint by extending their useful life even beyond the original purchaser.

The already more than 8,000 Arizona installations worldwide enjoy excellent service support thanks to our integrated approach to keeping your printer up and running.
- Optional: PRISMAservice, supported by ORS, facilitates authorised remote assistance by qualified service technicians
- Optional: The proCARE after-sales service programme offers a predicable cost for maintenance and spare parts, preventive maintenance, remote support and the fast response times, safeguarding maximum uptime
- Access our digital collaboration platform: graphiPLAZA, and untap the knowledge and expertise of users and Canon specialists around the world

Arizona
FLX FLOW
technology

VariaDot

PRISMA
XL Suite

PRISMA
guide XL

PRISMA
elevate XL

SUSTAINABILITY IN OUR DNA

Supporting customers in achieving sustainability targets through energy-efficient products.

Sustainability at the heart of the Arizona 2300 FLXflow

As far as the Arizona sustainability credentials are concerned, don't just take our word for it. The industry's most trusted resource for unbiased information, analysis and awards - Keypoint Intelligence - awarded Canon the Buyers Lab (BLI) 2024-2025 Pacesetter Award in Wide Format Sustainability: Product Innovation. This prestigious accolade acknowledges Canon as the leading company supporting environmental improvements and initiatives in the wide format printing systems market, through product innovation across its complete portfolio.

Less waste

The Arizona 2300 FLXflow contributes to waste reduction, including waste from masking and underlays.

Lower energy consumption

As an LED-UV printer, the Arizona 2300 FLXflow has a lower energy consumption than its predecessors. Power-saving features include:
- Energy-efficient blowers instead of high-power vacuum pumps
- LED-UV curing, which uses approximately 15% less energy compared to Arizona UV-halide printers
- First-time-right printing powered by PRISMAguide XL avoids wasting energy on unnecessary test prints
- Instant-on functionality means there's no energy-consuming warming up needed

Safe inks and lower ink consumption
- UL GREENGUARD Gold certified inks ensure prints are safe for use in sensitive environments such as hospitals, schools and other public places
- Up to 50% less ink consumption (vs. fixed dot 6 colour flatbed printers)
- Our inks are not only mineral oil free; they are also vegan

KYOSEI

The basis of our actions and behaviour is Canon's corporate philosophy "Kyosei". It places sustainable thinking and acting as a company and social actor at the centre of our values.

Through innovation, Canon actively strives to minimise the overall impact of its products throughout the complete product lifecycle. This starts with R&D and development – being engineered into the design and use – and continues all the way to end of life and the reuse, refurbishment and remanufacturing of products and parts.

Key areas of focus include:
- Reducing CO_2 emissions from products and operations
- Supporting a circular economy
- Managing chemical substances in products
- Supporting customers in achieving sustainability targets through energy-efficient products
- Ensuring safe working conditions for our employees
- Compliance with safety requirements

graphiPLAZA is an online community for
Large Format Graphics printers. Come join us!
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