Canon

READY, SET, FLOW!

Arizona 2300 Series

The Arizona 2300 series is part of the fifth generation of Arizona systems. The track record extends to more than 7,000 installations worldwide since 2007. These systems are renowned for their impressive reliability, accuracy, and incredible, near-photorealistic quality.

Productive, Versatile, Smart, and Sustainable

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 printers who require peak production capacity, for instance exceeding 7,500 ft^2/week, in a single shift.

This latest addition to the award-winning series of flatbed printers is rock-solid in its basic configuration and ready for upgrades such as a roll media option and additional ink channels, including our brightest ever white UV ink.

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

Join the Arizona family and reap the benefits of instant-on printing and incredible, creative applications. Print after print. Year after year.

Product Range

Arizona 2340 GTF/XTF

Arizona 2340 GTF/XTF

Arizona 2380 GTF/XTF

TECHNICAL SPECIFICATIONS

Printing Technology
4/6/8-channel piezoelectric inkjet system using VariaDot imaging technology; with two 636-nozzle, variable droplet printheads per channel.

Ink Configurations
2340 GTF: CMYK   **2360 GTF:** CMYK+WW/V   **2380 GTF:** CMYK+WW/V +cm

Resolution
Variable droplet sizes from 6 to 30 picolitres. The ability to vary the drop size to 6 picolitres produces sharp images with smoother gradients and quartertones. The ability to jet larger droplets up to 30 picolitres produces uniform colors. The result is near-photorealistic quality with sharpness only before seen at resolutions of 1,440 dpi or higher. Text as small as 2 pt. is perfectly legible (in High Definition mode).

Print Speed

Print Modes	2340 GTF	2360 GTF	2380 GTF	Flatbed ft²/h	Flatbed m²/h	RMO ft²/h	RMO m²/h
High-Key	x	x	x	958	89.0	732	68.0
Express	x	x	x	620	57.6	491	45.6
Production-Fast			x	473	44.0	383	35.6
Production	x	x	x	395	36.7	332	30.8
Quality	x	x	x	280	26.0	242	22.5
Quality-Matte	x	x	x	204	19.0	179	16.6
Quality-Density	x	x	x	156	14.5	137	12.7
Quality-Layered (2)		x	x	140	13.0	121	11.2
Quality-Layered (3)		x	x	93	8.7	80	7.5
Fine Art	x	x	x	226	21.0	198	18.4
High Definition	x	x	x	119	11.1	109	10.1
Varnish (High Gloss)		x	x	~75	~7	n.a.	n.a.

Ink System
IJC357 UV-curable inks packed in quick-change, 2 and 3* litre bags for: Black, Cyan, Magenta, Yellow, Light Cyan, Light Magenta. White and Varnish packed in 1 litre bags. * TBA

System Architecture
True flatbed for rigid media printing with Arizona FLOW technology: an impressive airflow technique combined with a zone-less, double-origin table layout, supported by 8 easy-to-use pneumatic registration pins. In addition, the Roll Media Option is available for flexible media printing

Geometric Accuracy

	Measured Over Flatbed (mm)	RMO (mm)	Maximum Error Flatbed (mm)	RMO (mm)
Line length (system width)	2500	2190	± 0.8	± 0.6
Line length (system height)	1250	2000	± 0.4	± 1.5
Line straightness (system width)	2500	2190	0.7	0.7
Line straightness (system height)	1250	2000	0.5	2.0
Diagonal Error ("squareness")	1250 x 2500	2000 x 2190	1.0	2.5

Rigid Media
Maximum area: 49.2" x 98.4" (125 cm x 250 cm)
Maximum thickness: 2.0" (50.8 mm)
Maximum mass: 7 lb./ft² (34 kg/m2)

Rigid Media Print Area
Up to: 49.6" x 98.8" (126 cm x 251 cm) (for edge-to-edge printing)

Media Roll Specification
35.4" to 86.6" (90 cm to 220 cm). Up to 110 lb. (50 kg) (at any width). Maximum diameter: 9.45" (240 mm). Core: 3" (inside). Bias: Print-side-in or print-side-out. Most types (application dependent)

Roll Media Print Width
Up to 86.2" (219 cm)

Image Processing
ONYX® Thrive™ 19 (421 configuration or greater recommended)

Connectivity
10/100/1000 Base-T

Arizona Xpert
Arizona Xpert offers a unique tool set to save time and money in the creation of multiple-up, multi-layered, duplex, or complex applications. To activate this functionality the "Arizona Xpert Resale License" and the "Add Arizona Xpert Permission" are needed with the Arizona 2300 series printer. Further it requires ONYX® Thrive™ to be installed.

Electrical Power/ Compressed Air
2 x 200-240 VAC, 50/60 Hz, Single-phase, 16A per circuit
Circuit Breakers: North America: 20A. Europe: 16A. ROW: See CB Scheme Report
Clean, dry, compressed air using a Coalescing Filter. Pressure Regulator set to 100 psi (690 kPa) and connects air regulator to ½" or 12 mm OD air tubing.

Peak flow
4 cfm at 100 psi (113 l/min at 690 kPa)

Environment
Temperature: 64° to 86° F (18° to 30° C)
Relative humidity: 30 to 70% (non-condensing)
Ventilation: 700 cfm/1,200 m3 per hour/minimum (see Site Preparation Guide)
Altitude: 9,020' (2,750 m) maximum, however some components specify a limit of 6,560' (2,000 m)

Size/Weight
Printer only: 196.9" x 78.7" (5.0 m x 2.0 m), 1,951 lb. (885 kg)
Printer + Roll Media Option: 196.9" x 90.2" (5.0 m x 2.29 m), 2,502 lb. (1,135 kg)
Table height: 34.6" (0.88 m)/Overall height: 51.2" (1.3 m)

TECHNICAL SPECIFICATIONS

Printing Technology	4/6/8-channel piezoelectric inkjet system using VariaDot imaging technology; with two 636-nozzle, variable droplet printheads per channel.
Ink Configurations	**2340 XTF:** CMYK **2360 XTF:** CMYK+WW/V **2380 XTF:** CMYK+WW/V +cm
Resolution	Variable droplet sizes from 6 to 30 picolitres. The ability to vary the drop size to 6 picolitres produces sharp images with smoother gradients and quartertones. The ability to jet larger droplets up to 30 picolitres produces uniform colors. The result is near-photorealistic quality with sharpness only before seen at resolutions of 1,440 dpi or higher. Text as small as 2 pt. is perfectly legible (in High Definition mode).

Print Speed

Print Modes	2340 XTF	2360 XTF	2380 XTF	Flatbed ft²/h	Flatbed m²/h	RMO ft²/h	RMO m²/h
High-Key	x	x	x	1,023	95	732	68.0
Express	x	x	x	691	64.2	491	45.6
Production-Fast			x	514	47.8	383	35.6
Production	x	x	x	427	39.7	332	30.8
Quality	x	x	x	297	27.6	242	22.5
Quality-Matte	x	x	x	212	19.7	179	16.6
Quality-Density	x	x	x	164	15.3	137	12.7
Quality-Layered (2)		x	x	148	13.8	121	11.2
Quality-Layered (3)		x	x	99	9.2	80	7.5
Fine Art	x	x	x	235	21.8	198	18.4
High Definition	x	x	x	131	12.2	109	10.1
Varnish (High Gloss)		x	x	97	~9	n.a.	n.a.

Ink System	IJC357 UV-curable inks packed in quick-change, 2 and 3* litre bags for: Black, Cyan, Magenta, Yellow, Light Cyan, Light Magenta. White and Varnish packed in 1 litre bags. * TBA
System Architecture	True flatbed for rigid media printing with Arizona FLOW technology: an impressive airflow technique combined with a zone-less, double-origin table layout, supported by 16 easy-to-use pneumatic registration pins. In addition, the Roll Media Option is available for flexible media printing.

Geometric Accuracy

	Measured Over Flatbed (mm)	RMO (mm)	Maximum Error Flatbed (mm)	RMO (mm)
Line length (system width)	2500	2190	± 0.8	± 0.6
Line length (system height)	3080	2000	± 1.0	± 1.5
Line straightness (system width)	2500	2190	0.7	0.7
Line straightness (system height)	3080	2000	0.7	2.0
Diagonal Error ("squareness")	3080 x 2500	2000 x 2190	1.0	2.5

Rigid Media	Maximum area: 121.3" x 98.4" (308 cm x 250 cm) (320 x N cm permitted w/308 cm vacuum) Maximum thickness: 2.0" (50.8 mm) Maximum mass: 7 lb./ft² (34 kg/m2)
Rigid Media Print Area	Up to: 121.7" x 98.8" (309 cm x 251 cm) (321 x N cm permitted w/308 cm vacuum)
Media Roll Specification	35.4" to 86.6" (90 cm to 220 cm). Up to 110 lb. (50 kg) (at any width). Maximum diameter: 9.45" (240 mm). Core: 3" (inside). Bias: Print-side-in or print-side-out. Most types (application dependent)
Roll Media Print Width	Up to 86.2" (219 cm)
Image Processing	ONYX® Thrive™ 19 (421 configuration or greater recommended)
Connectivity	10/100/1000 Base-T
Arizona Xpert	Arizona Xpert offers a unique tool set to save time and money in the creation of multiple-up, multi-layered, duplex, or complex applications. To activate this functionality the "Arizona Xpert Resale License" and the "Add Arizona Xpert Permission" are needed with the Arizona 2300 series printer. Further it requires ONYX® Thrive™ to be installed.
Electrical Power/ Compressed Air	2 x 200-240 VAC, 50/60 Hz, Single-phase, 16A per circuit Circuit Breakers: North America: 20A. Europe: 16A. ROW: See CB Scheme Report Clean, dry, compressed air using a Coalescing Filter. Pressure Regulator set to 100 psi (690 kPa) and connects air regulator to ½" or 12 mm OD air tubing.
Peak flow	4 cfm at 100 psi (113 l/min at 690 kPa)
Environment	Temperature: 64° to 86° F (18° to 30° C) Relative humidity: 30 to 70% (non-condensing) Ventilation: 700 cfm/1,200 m3 per hour/minimum (see Site Preparation Guide) Altitude: 9,020' (2,750 m) maximum, however some components specify a limit of 6,560' (2,000 m)
Size/Weight	Printer only: 196.9" x 150.8" (5.0 m x 2.0 m), 4,169 lb. (1,891 kg) Printer + Roll Media Option: 196.9" x 162.2" (5.0 m x 4.12 m), 4,720 lb. (2,141 kg) Table height: 34.6" (0.88 m)/Overall height: 51.2" (1.3 m)

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