



CANON SOLUTIONS AMERICA



SPEC SHEET

LIFT YOUR BUSINESS

Arizona 2300 series

The Arizona 2300 series is part of the fifth generation of Arizona systems. The track record extends to more than 8,000 Arizona series printers worldwide since 2007. These systems are renowned for their impressive reliability, accuracy, and incredible, near-photorealistic quality.

Productive, Versatile, Smart

Design complex jobs once, and then easily adapt and repeat to help save time on future projects. The Arizona 2300 series is designed to serve the versatile needs of printers.

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 white UV ink.

As a global leader in large format imaging systems, Canon has set the market standard for amazing productivity.

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



SMART CHANGE STARTS HERE.

TECHNICAL SPECIFICATIONS

Arizona 2300 GTF

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 available from 6 to 42 picoliters. The ability to vary the drop size to 6 picoliters helps to produce sharp images with smoother gradients and quartertones than our previous models. The ability to jet larger droplets up to 42 picoliters produces uniform colors. The result is near-photorealistic quality with text as small as 2 pt. (in High Definition mode).							
Print Speed	Print Modes	2340 GTF	2360 GTF	2380 GTF	Flatbed		RMO	
					ft²/h	m²/h	ft²/h	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
	*Figures are engine print speed only and do not include provisions for image processing, transfer, or post production. Results may vary based on media types and/or applications.							
Ink System	IJC357 or IJC358 UV-curable inks packed in quick-change, 2- and 3-liter bags for Black, Cyan, Magenta, Yellow, Light Cyan, Light Magenta. White and IJC357 Varnish packed in 1-liter bags.							
System Architecture	True flatbed for rigid media printing with Arizona FLXflow technology: an impressive airflow technique combined with a zone-less, double-origin table layout, supported by eight easy-to-use pneumatic registration pins. In addition, the Roll Media Option is available for flexible media printing.							
Geometric Accuracy		Measured Over			Maximum Error			
		Flatbed	RMO		Flatbed	RMO		
	Line length (system width)	2,500 mm	2,190 mm		± 0.8 mm	± 0.6 mm		
	Line length (system height)	1,250 mm	2,000 mm		± 0.4 mm	± 1.5 mm		
	Line straightness (system width)	2,500 mm	2,190 mm		0.7 mm	0.7 mm		
	Line straightness (system height)	1,250 mm	2,000 mm		0.5 mm	2.0 mm		
	Diagonal Error ("squareness")	1,250 x 2,500 mm	2,000 x 2,190 mm		1.0 mm	2.5 mm		
Rigid Media	Maximum area:	49.2 x 98.4 inches / 125 x 250 cm						
	Maximum thickness:	2.0 inches / 50.8 mm						
	Maximum mass:	7 lbs/ft ² / 34 kg/m ²						
Rigid Media Print Area	Up to: 49.6 x 98.8 inches / 126 x 251 cm (for edge-to-edge printing).							
Media Roll Specification	35.4 to 86.6 inches / 90 to 220 cm. Up to 110 lbs. / 50 kg (at any width). Maximum diameter: 9.45 inches / 240 mm. Core: 3 inches (inside). Bias: Print-side-in or print-side-out, most types (application dependent).							
Roll Media Print Width	Up to 86.2 inches / 219 cm.							
Image Processing	ONYX® Thrive™ 19 (421 configuration or greater recommended).							
Connectivity	10/100/1000 Base-T.							
PRISMAguide XL	PRISMAguide XL offers a unique tool set to help save time and money in the creation of multiple-up, multi-layered, duplex, or complex applications. To activate this functionality, the "PRISMAguide XL Resale license" is needed with the Arizona 2300 series printer. It also 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 inch or 12 mm OD air tubing. Peak flow: 4 cfm at 100 psi (113 l/min at 690 kPa).							
Environment	Temperature: 64-86°F (18-30°C). Relative humidity: 30 to 70% (non-condensing). Ventilation: 700 cfm / 1,200 m ³ per hour / minimum (see Site Preparation Guide). Altitude: 9,020 feet (2,750 m) maximum; however, some components specify a limit of 6,560 feet (2,000 m).							
Size/Weight	Printer only: 196.9 x 78.7 inches (5.0 m x 2.0 m), 1,951 lbs. (885 kg). Printer + Roll Media Option: 196.9 x 90.2 inches (5.0 m x 2.29 m), 2,502 lbs. (1,135 kg). Table height: 34.6 inches (0.88 m) / Overall height: 51.2 inches (1.3 m).							

TECHNICAL SPECIFICATIONS

Arizona 2300 XTF

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 available from 6 to 42 picoliters. The ability to vary the drop size to 6 picoliters produces sharp images with smoother gradients and quartertones. The ability to jet larger droplets up to 42 picoliters 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		RMO	
					ft²/h	m²/h	ft²/h	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	UV-curable inks IJC357 or IJC358 packed in quick-change, 2- and 3-liter bags for Black, Cyan, Magenta, Yellow, Light Cyan, Light Magenta. White and IJC357 Varnish packed in 1-liter bags.							
System Architecture	True flatbed for rigid media printing with Arizona FLXflow 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			Maximum Error			
		Flatbed		RMO	Flatbed		RMO	
	Line length (system width)	2,500 mm		2,190 mm	± 0.8 mm		± 0.6 mm	
	Line length (system height)	3,080 mm		2,000 mm	± 1.0 mm		± 1.5 mm	
	Line straightness (system width)	2,500 mm		2,190 mm	0.7 mm		0.7 mm	
	Line straightness (system height)	3,080 mm		2,000 mm	0.7 mm		2.0 mm	
	Diagonal Error ("squareness")	3,080 x 2,500 mm		2,000 x 2,190 mm	1.0 mm		2.5 mm	
Rigid Media	Maximum area:	121.3 x 98.4 inches / 308 x 250 cm (320 x N cm permitted w/308 cm vacuum)						
	Maximum thickness:	2.0 inches / 50.8 mm						
Maximum mass:	7 lbs./ft ² / 34 kg/m ²							
Rigid Media Print Area	Up to: 121.7 x 98.8 inches / 309 x 251 cm / (321 x N cm permitted w/308 cm vacuum).							
Media Roll Specification	35.4 to 86.6 inches / 90 to 220 cm. Up to 110 lbs. / 50 kg (at any width). Maximum diameter: 9.45 inches / 240 mm. Core: 3 inches (inside). Bias: Print-side-in or print-side-out, most types (application dependent).							
Roll Media Print Width	Up to 86.2 inches / 219 cm.							
Image Processing	ONYX® Thrive™ 19 (421 configuration or greater recommended).							
Connectivity	10/100/1000 Base-T.							
PRISMAguide XL	PRISMAguide XL offers a unique tool set to help save time and money in the creation of multiple-up, multi-layered, duplex, or complex applications. To activate this functionality, the "PRISMAguide XL Resale license" is needed with the Arizona 2300 series printer. It also 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 inch or 12 mm OD air tubing.							
Peak flow:	4 cfm at 100 psi (113 l/min at 690 kPa).							
Environment Temperature:	64-86°F (18-30°C).							
Relative humidity:	30 to 70% (non-condensing).							
Ventilation:	700 cfm / 1,200 m ³ per hour / minimum (see Site Preparation Guide).							
Altitude:	Maximum limit of 6,560 feet (2,000 m).							
Size/Weight	Printer only: 196.9 x 150.8 inches (5.0 m x 2.0 m), 4,169 lbs. (1,891 kg).							
Printer + Roll Media Option:	196.9 x 162.2 inches (5.0 m x 4.12 m), 4,720 lbs. (2,141 kg).							
Table height:	34.6 inches (0.88 m) / Overall height: 51.2 inches (1.3 m).							

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