

Arizona 2300 FLXflow



Canon

LIFT YOUR
BUSINESS

Arizona 2300 GTF series

ARIZONA 2340 GTF

ARIZONA 2360 GTF

ARIZONA 2380 GTF

Printing Technology	4/6/8-channel piezoelectric inkjet using 3 rd -generation VariaDot imaging technology; with one 636-nozzle, variable droplet printhead per channel, 4/6/8 printheads in total.											
Ink Configurations	CMYK				CMYK+WW/V				CMYK+WW/V +cm			
Resolution	Variable droplet sizes from 6 to 30 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 30 picoliters produces uniform colors. The result is photo-realistic print quality with sharpness only before seen at resolutions of 1,440 dpi or higher. Text as small as 2 pt. is perfectly legible (with High Definition mode).											
PRINTING MODE												
Print speed	Flatbed		RMO		Flatbed		RMO		Flatbed		RMO	
	m ² /h	ft ² /h	m ² /h	ft ² /h	m ² /h	ft ² /h	m ² /h	ft ² /h	m ² /h	ft ² /h	m ² /h	ft ² /h
High-Key	89.0	958	60.0	646	89.0	958	60.0	646	89.0	958	60.0	646
Express	57.6	620	45.6	491	57.6	620	45.6	491	57.6	620	45.6	491
Production-Fast									44.0	473	35.6	383
Production	36.7	395	30.8	332	36.7	395	30.8	332	36.7	395	30.8	332
Quality	26.0	280	22.5	242	26.0	280	22.5	242	26.0	280	22.5	242
Quality-Matte	19.0	204	16.6	179	19.0	204	16.6	179	19.0	204	16.6	179
Quality-Smooth	14.5	156	12.7	137	14.5	156	12.7	137	14.5	156	12.7	137
Quality-Density	14.5	156	12.7	137	14.5	156	12.7	137	14.5	156	12.7	137
Quality 2-layer					13.0	140	11.2	121	13.0	140	11.2	121
Quality 3-layer					8.7	93	7.5	80	8.7	93	7.5	80
Fine Art	21.0	226	18.4	198	21.0	226	18.4	198	21.0	226	18.4	198
High Definition	11.1	119	10.1	109	11.1	119	10.1	109	11.1	119	10.1	109
Varnish					~7	~75			~7	~75		
Ink System	IJC357 and IJC358 UV-LED Curable inks in quick-change, 3 liter, 2 liter and 800 ml pouches for: Black, Cyan, Magenta, Yellow, Light Cyan, Light Magenta. IJC357 White and Varnish packed in 1 liter pouches. IJC358 White packed in 1 liter pouches.											
Ink Certification	GREENGUARD Gold											
System Architecture	True flatbed architecture optimised for printing on rigid or sheet media or objects. In addition, the Roll Media Option is available for flexible media printing.											
Pneumatic Pin System	8 easy-to-use pneumatic registration pins, with independent pin control for large board support.											
Vacuum System	Arizona FLXflow technology: an impressive airflow technique combined with a zone-less, double-origin table layout. Standard supporting the Hold functionality, optional adding Float and Instant Switch functionality.											
GEOMETRIC ACCURACY												
Maximum error	Flatbed						RMO					
Line length (system width)	± 0.8 mm over 2500 mm ± 0.03 inches over 98.43 inches						± 0.6 mm over 2190 mm ± 0.02 inches over 86.22 inches					
Line length (system length)	± 0.4 mm over 1250 mm ± 0.02 inches over 49.21 inches						± 1.5 mm over 2000 mm ± 0.06 inches over 78.74 inches					
Line straightness (system width)	0.7 mm over 2500 mm 0.03 inches over 98.43 inches						0.7 mm over 2190 mm 0.03 inches over 86.22 inches					
Line straightness (system length)	0.5 mm over 1250 mm 0.02 inches over 49.21 inches						2.0 mm over 2000 mm 0.08 inches over 78.74 inches					
Diagonal Error ("square-ness")	1.0 mm over 1250 x 2500 mm 0.04 inch inches 49.21 x 98.43 inches						2.5 mm over 2190 x 2000 mm 0.10 inches over 86.22 x 78.74 inches					
RIGID MEDIA SPECIFICATION												
Maximum Area	1250 x 2500 mm 49.2 x 98.4 inches											
Maximum Thickness	50.8 mm 2 inches											
Maximum Mass	34 kg/m ² 7 lbs/ft ²											
Rigid Media Print Area	Up to: 1260 x 2510 mm / 49.6 x 98.8 inches, edge-to-edge printing (full bleed)											
ROLL MEDIA SPECIFICATION												
Roll Media Specification	900 to 2200 mm / 35.4 to 86.6 inches. Up to 50 kg / 110 lbs (at any width). Maximum diameter: 240 mm / 9.45 inches. Core: 3 inches (inside). Bias: Print-side-in or print-side-out. Most types (application dependent).											
Roll Media Print Width	Up to 2190 mm 86.2 inches											
WORKFLOW / CONNECTIVITY												
Connectivity	Ethernet (100/1000 Mbit/s)											
Image Processing	ONYX Thrive v22.5 or later											
User Interface Functionality	Advanced Image Layout Controls: dual origin, work and turn workflow, multi reference points flexibility, batch jobs, step and repeat, mirror, nesting, snap and align image to media, auto-trimming, pitch setting											
Elevated Printing	PRISMAguide XL		PRISMAelevate XL and PRISMAguide XL				PRISMAelevate XL and PRISMAguide XL					
Job Automation	By PRISMAguide XL and by optional Arizona Automation Interface											
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 690 kPa (100 psi) and connects air regulator to 0.5 inches or 12 mm OD air tubing. Peak flow: 113 l/min (4 cfm) at 690 kPa (100 psi)											
ENVIRONMENT												
Temperature	18° to 30° C 64° to 86° F											
Relative humidity	30-70% (non-condensing)											
Ventilation	Ventilation required 1,200 m ³ per hour / 700 cfm minimum. See Site Preparation Guide for details											
Altitude	2750 m / 9020 feet maximum, however some components specify a limit of 2000 m / 6560 ft											
DIMENSIONS												
Size printer only	5.0 x 2.0 m 196.9 x 78.7 inches											
Printer + Roll Media Option	5.0 m x 2.29 m 196.9 x 90.2 inches											
Table height	0.88 m 34.6 inches											
Overall height	1.3 m 51.2 inches											
Weight Printer only	885 kg 1951 lbs											
Weight Printer + Roll Media Option	1135 kg 2502 lbs											

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Printing Technology	4/6/8-channel piezoelectric inkjet using 3 rd -generation VariaDot imaging technology; with one 636-nozzle, variable droplet printhead per channel, 4/6/8 printheads in total.											
Ink Configurations	CMYK				CMYK+WW/V				CMYK+WW/V +cm			
Resolution	Variable droplet sizes from 6 to 30 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 30 picoliters produces uniform colors. The result is photo-realistic print quality with sharpness only before seen at resolutions of 1,440 dpi or higher. Text as small as 2 pt. is perfectly legible (with High Definition mode).											
PRINTING MODE												
Print speed	Flatbed		RMO		Flatbed		RMO		Flatbed		RMO	
	m ² /h	ft ² /h	m ² /h	ft ² /h	m ² /h	ft ² /h	m ² /h	ft ² /h	m ² /h	ft ² /h	m ² /h	ft ² /h
High-Key	95.0	1023	60.0	646	95.0	1023	60.0	646	95.0	1023	60.0	646
Express	64.2	691	45.6	491	64.2	691	45.6	491	64.2	691	45.6	491
Production-Fast									47.8	514		
Production	39.7	427	30.8	332	39.7	427	30.8	332	39.7	427	30.8	332
Quality	27.6	297	22.5	242	27.6	297	22.5	242	27.6	297	22.5	242
Quality-Matte	19.7	212	16.6	179	19.7	212	16.6	179	19.7	212	16.6	179
Quality-Smooth	15.3	164	12.7	137	15.3	164	12.7	137	15.3	164	12.7	137
Quality-Density	15.3	164	12.7	137	15.3	164	12.7	137	15.3	164	12.7	137
Quality 2-layer					13.8	148	11.2	121	13.8	148	11.2	121
Quality 3-layer					9.2	99	7.5	80	9.2	99	7.5	80
Fine Art	21.8	235	18.4	198	21.8	235	18.4	198	21.8	235	18.4	198
High Definition	12.2	131	10.1	109	12.2	131	10.1	109	12.2	131	10.1	109
Varnish					~9	~97			~9	~97		
Ink System	IJC357 and IJC358 UV-LED Curable inks in quick-change, 3 liter, 2 liter and 800 ml pouches for: Black, Cyan, Magenta, Yellow, Light Cyan, Light Magenta. IJC357 White and Varnish packed in 1 liter pouches. IJC358 White packed in 1 liter pouches.											
Ink Certification	GREENGUARD Gold											
System Architecture	True flatbed architecture optimised for printing on rigid or sheet media or objects. In addition, the Roll Media Option is available for flexible media printing.											
Pneumatic Pin System	8 easy-to-use pneumatic registration pins per media loading area, 16 pins in total, with independent pin control for large board support. Allowing for continuous loading/unloading while printing.											
Vacuum System	Arizona FLXflow technology: an impressive airflow technique combined with a zone-less, double-origin table layout. Standard supporting the Hold functionality, optional adding Float and Instant Switch functionality.											
GEOMETRIC ACCURACY												
Maximum error	Flatbed						RMO					
Line length (system width)	± 0.8 mm over 2500 mm ± 0.03 inches over 98.43 inches						± 0.6 mm over 2190 mm ± 0.02 inches over 86.22 inches					
Line length (system length)	± 1.0 mm over 3080 mm ± 0.04 inches over 121.26 inches						± 1.5 mm over 2000 mm ± 0.06 inches over 78.74 inches					
Line straightness (system width)	0.7 mm over 2500 mm 0.03 inches over 98.43 inches						0.7 mm over 2190 mm 0.03 inches over 86.22 inches					
Line straightness (system length)	0.7 mm over 3080 mm 0.02 inches over 121.26 inches						2.0 mm over 2000 mm 0.08 inches over 78.74 inches					
Diagonal Error ("square-ness")	1.0 mm over 3080 x 2500 mm 0.04 inch inches 121.26 x 98.43 inches						2.5 mm over 2190 x 2000 mm 0.10 inches over 86.22 x 78.74 inches					
RIGID MEDIA SPECIFICATION												
Maximum Area	3080 x 2500 mm 121.3 x 98.4 inches (3200 mm 126 inches permitted with 3080 mm 121.3 inches vacuum)											
Maximum Thickness	50.8 mm 2 inches											
Maximum Mass	34 kg/m ² 7 lbs/ft ²											
Rigid Media Print Area	Up to: 3090 x 2510 mm 121.7 x 98.8 inches, edge-to-edge printing (full bleed) (3210 mm 126.4 inches permitted with 3080 mm 121.3 inches vacuum)											
ROLL MEDIA SPECIFICATION												
Roll Media Specification	900 to 2200 mm / 35.4 to 86.6 inches. Up to 50 kg / 110 lbs (at any width). Maximum diameter: 240 mm / 9.45 inches. Core: 3 inches (inside). Bias: Print-side-in or print-side-out. Most types (application dependent).											
Roll Media Print Width	Up to 2190 mm 86.2 inches											
WORKFLOW / CONNECTIVITY												
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User Interface Functionality	Advanced Image Layout Controls: dual origin, work and turn workflow, multi reference points flexibility, batch jobs, step and repeat, mirror, nesting, snap and align image to media, auto-trimming, pitch setting											
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Job Automation	By PRISMAguide XL and by optional Arizona Automation Interface											
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Relative humidity	30-70% (non-condensing)											
Ventilation	Ventilation required 1,200 m ³ per hour / 700 cfm minimum. See Site Preparation Guide for details											
Altitude	2750 m / 9020 feet maximum, however some components specify a limit of 2000 m / 6560 ft											
DIMENSIONS												
Size printer only	5.0 x 3.83 m 196.9 x 150.8 inches											
Printer + Roll Media Option	5.0 m x 4.12 m 196.9 x 162.2 inches											
Table height	0.88 m 34.6 inches											
Overall height	1.3 m 51.2 inches											
Weight Printer only	1891 kg 4169 lbs											
Weight Printer + Roll Media Option	2141 kg 4720 lbs											



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