



PRODUCTION PRINTING

READY SET FLOW



Arizona 2300 Series Spec Sheet

The Arizona 2300 series is part of the 5th generation of Arizona systems, the track record extends to more than 7,000 installations worldwide sold since 2007. These systems are renowned for their impressive reliability, accuracy and incredible near-photorealistic quality.

Productive, versatile, smart & 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 700 m²/week, in a single shift.

Rock-solid in its basic configuration and ready for upgrades such as roll media 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 rely on instant-on printing and incredible, creative applications print after print, year after year.

PRODUCT RANGE



Arizona 2340 GTF/XTF



Arizona 2360 GTF/XTF



Arizona 2380 GTF/XTF

TECHNICAL SPECIFICATIONS

Arizona 2300 GTF

GENERAL																																																																																																													
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 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 colours. 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	<table><tr><th rowspan="2">Print Modes</th><th rowspan="2">2340 GTF</th><th rowspan="2">2360 GTF</th><th rowspan="2">2380 GTF</th><th colspan="2">Flatbed</th><th colspan="2">RMO</th></tr><tr><th>m²/h</th><th>ft²/h</th><th>m²/h</th><th>ft²/h</th></tr><tr><td>High-Key</td><td>x</td><td>x</td><td>x</td><td>89.0</td><td>958</td><td>68.0</td><td>732</td></tr><tr><td>Express</td><td>x</td><td>x</td><td>x</td><td>57.6</td><td>620</td><td>45.6</td><td>491</td></tr><tr><td>Production-Fast</td><td></td><td></td><td>x</td><td>44.0</td><td>473</td><td>35.6</td><td>383</td></tr><tr><td>Production</td><td>x</td><td>x</td><td>x</td><td>36.7</td><td>395</td><td>30.8</td><td>332</td></tr><tr><td>Quality</td><td>x</td><td>x</td><td>x</td><td>26.0</td><td>280</td><td>22.5</td><td>242</td></tr><tr><td>Quality-Matte</td><td>x</td><td>x</td><td>x</td><td>19.0</td><td>204</td><td>16.6</td><td>179</td></tr><tr><td>Quality-Density</td><td>x</td><td>x</td><td>x</td><td>14.5</td><td>156</td><td>12.7</td><td>137</td></tr><tr><td>Quality-Layered (2)</td><td></td><td>x</td><td>x</td><td>13.0</td><td>140</td><td>11.2</td><td>121</td></tr><tr><td>Quality-Layered (3)</td><td></td><td>x</td><td>x</td><td>8.7</td><td>93</td><td>7.5</td><td>80</td></tr><tr><td>Fine Art</td><td>x</td><td>x</td><td>x</td><td>21.0</td><td>226</td><td>18.4</td><td>198</td></tr><tr><td>High Definition</td><td>x</td><td>x</td><td>x</td><td>11.1</td><td>119</td><td>10.1</td><td>109</td></tr><tr><td>Varnish (High Gloss)</td><td></td><td>x</td><td>x</td><td>-7</td><td>-75</td><td>n.a.</td><td>n.a.</td></tr></table>	Print Modes	2340 GTF	2360 GTF	2380 GTF	Flatbed		RMO		m²/h	ft²/h	m²/h	ft²/h	High-Key	x	x	x	89.0	958	68.0	732	Express	x	x	x	57.6	620	45.6	491	Production-Fast			x	44.0	473	35.6	383	Production	x	x	x	36.7	395	30.8	332	Quality	x	x	x	26.0	280	22.5	242	Quality-Matte	x	x	x	19.0	204	16.6	179	Quality-Density	x	x	x	14.5	156	12.7	137	Quality-Layered (2)		x	x	13.0	140	11.2	121	Quality-Layered (3)		x	x	8.7	93	7.5	80	Fine Art	x	x	x	21.0	226	18.4	198	High Definition	x	x	x	11.1	119	10.1	109	Varnish (High Gloss)		x	x	-7	-75	n.a.	n.a.
Print Modes	2340 GTF					2360 GTF	2380 GTF	Flatbed		RMO																																																																																																			
		m²/h	ft²/h	m²/h	ft²/h																																																																																																								
High-Key	x	x	x	89.0	958	68.0	732																																																																																																						
Express	x	x	x	57.6	620	45.6	491																																																																																																						
Production-Fast			x	44.0	473	35.6	383																																																																																																						
Production	x	x	x	36.7	395	30.8	332																																																																																																						
Quality	x	x	x	26.0	280	22.5	242																																																																																																						
Quality-Matte	x	x	x	19.0	204	16.6	179																																																																																																						
Quality-Density	x	x	x	14.5	156	12.7	137																																																																																																						
Quality-Layered (2)		x	x	13.0	140	11.2	121																																																																																																						
Quality-Layered (3)		x	x	8.7	93	7.5	80																																																																																																						
Fine Art	x	x	x	21.0	226	18.4	198																																																																																																						
High Definition	x	x	x	11.1	119	10.1	109																																																																																																						
Varnish (High Gloss)		x	x	-7	-75	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.																																																																																																												
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. Further the Roll Media Option is available for flexible media printing.																																																																																																												
Geometric Accuracy	<table><tr><th></th><th>Flatbed</th><th>Measured Over RMO</th><th>Flatbed</th><th>Maximum Error RMO</th></tr><tr><td>Line length (system width)</td><td>2,500 mm</td><td>2,190 mm</td><td>± 0.8 mm</td><td>± 0.6 mm</td></tr><tr><td>Line length (system height)</td><td>1,250 mm</td><td>2,000 mm</td><td>± 0.4 mm</td><td>± 1.5 mm</td></tr><tr><td>Line straightness (system width)</td><td>2,500 mm</td><td>2,190 mm</td><td>0.7 mm</td><td>0.7 mm</td></tr><tr><td>Line straightness (system height)</td><td>1,250 mm</td><td>2,000 mm</td><td>0.5 mm</td><td>2.0 mm</td></tr><tr><td>Diagonal Error ("squareness")</td><td>1,250x2,500 mm</td><td>2,000x2,190 mm</td><td>1.0 mm</td><td>2.5 mm</td></tr></table>		Flatbed	Measured Over RMO	Flatbed	Maximum Error 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")	1,250x2,500 mm	2,000x2,190 mm	1.0 mm	2.5 mm																																																																														
	Flatbed	Measured Over RMO	Flatbed	Maximum Error 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")	1,250x2,500 mm	2,000x2,190 mm	1.0 mm	2.5 mm																																																																																																									
RIGID MEDIA																																																																																																													
Maximum Area:	125 x 250 cm / 49.2 x 98.4 inches																																																																																																												
Maximum Thickness:	50.8 mm / 2.0 inches																																																																																																												
Maximum Mass:	34 kg/m² / 7 lbs/ft²																																																																																																												
Rigid Media Print Area	Up to: 126 x 251 cm / 49.6 x 98.8 inches (for edge-to-edge printing)																																																																																																												
ROLL MEDIA																																																																																																													
Roll width and mass	90 to 220 cm / 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 219 cm / 86.2 inches																																																																																																												
INTERFACE & SOFTWARE																																																																																																													
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.																																																																																																												
ENVIRONMENT																																																																																																													
Electrical Power	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																																																																																																												
Compressed Air	Clean, dry, compressed air using a Coalescing Filter. Pressure Regulator set to 690 kPa (100 psi) and connects air regulator to ½ inch or 12mm OD air tubing. Peak flow: 113 l/min at 690 kPa (4 cfm at 100 psi)																																																																																																												
Temperature	18° to 30° C (64° to 86° F)																																																																																																												
Relative humidity	30 to 70% (non-condensing)																																																																																																												
Ventilation	1,200 m3 per hour / 700 cfm minimum (see Site Preparation Guide)																																																																																																												
Altitude	2,750 m (9,020 feet) maximum, however some components specify a limit of 2,000 m (6,560 feet)																																																																																																												
SIZE AND WEIGHT																																																																																																													
Printer only	5.0 m x 2.0 m (196.9” x 78.7”), 885 kg (1,951 lbs.)																																																																																																												
Printer + Roll Media Option	5.0 m x 2.29 m (196.9” x 90.2”), 1,135 kg (2,502 lbs.)																																																																																																												
Height	Table height: 0.88 m (34.6”), Overall height 1.3 m (51.2”)																																																																																																												

TECHNICAL SPECIFICATIONS

Arizona 2300 XTF

GENERAL																																																																																																													
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 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 colours. 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	<table><tr><th rowspan="2">Print Modes</th><th rowspan="2">2340 XTF</th><th rowspan="2">2360 XTF</th><th rowspan="2">2380 XTF</th><th colspan="2">Flatbed</th><th colspan="2">RMO</th></tr><tr><th>m²/h</th><th>ft²/h</th><th>m²/h</th><th>ft²/h</th></tr><tr><td>High-Key</td><td>x</td><td>x</td><td>x</td><td>93.0</td><td>1001</td><td>68.0</td><td>732</td></tr><tr><td>Express</td><td>x</td><td>x</td><td>x</td><td>64.2</td><td>691</td><td>45.6</td><td>491</td></tr><tr><td>Production-Fast</td><td></td><td></td><td>x</td><td>47.8</td><td>514</td><td>35.6</td><td>383</td></tr><tr><td>Production</td><td>x</td><td>x</td><td>x</td><td>39.7</td><td>427</td><td>30.8</td><td>332</td></tr><tr><td>Quality</td><td>x</td><td>x</td><td>x</td><td>27.6</td><td>297</td><td>22.5</td><td>242</td></tr><tr><td>Quality-Matte</td><td>x</td><td>x</td><td>x</td><td>19.7</td><td>212</td><td>16.6</td><td>179</td></tr><tr><td>Quality-Density</td><td>x</td><td>x</td><td>x</td><td>15.3</td><td>164</td><td>12.7</td><td>137</td></tr><tr><td>Quality-Layered (2)</td><td></td><td>x</td><td>x</td><td>13.8</td><td>148</td><td>11.2</td><td>121</td></tr><tr><td>Quality-Layered (3)</td><td></td><td>x</td><td>x</td><td>9.2</td><td>99</td><td>7.5</td><td>80</td></tr><tr><td>Fine Art</td><td>x</td><td>x</td><td>x</td><td>21.8</td><td>235</td><td>18.4</td><td>198</td></tr><tr><td>High Definition</td><td>x</td><td>x</td><td>x</td><td>12.2</td><td>131</td><td>10.1</td><td>109</td></tr><tr><td>Varnish (High Gloss)</td><td></td><td>x</td><td>x</td><td>-9</td><td>-97</td><td>n.a.</td><td>n.a.</td></tr></table>	Print Modes	2340 XTF	2360 XTF	2380 XTF	Flatbed		RMO		m²/h	ft²/h	m²/h	ft²/h	High-Key	x	x	x	93.0	1001	68.0	732	Express	x	x	x	64.2	691	45.6	491	Production-Fast			x	47.8	514	35.6	383	Production	x	x	x	39.7	427	30.8	332	Quality	x	x	x	27.6	297	22.5	242	Quality-Matte	x	x	x	19.7	212	16.6	179	Quality-Density	x	x	x	15.3	164	12.7	137	Quality-Layered (2)		x	x	13.8	148	11.2	121	Quality-Layered (3)		x	x	9.2	99	7.5	80	Fine Art	x	x	x	21.8	235	18.4	198	High Definition	x	x	x	12.2	131	10.1	109	Varnish (High Gloss)		x	x	-9	-97	n.a.	n.a.
Print Modes	2340 XTF					2360 XTF	2380 XTF	Flatbed		RMO																																																																																																			
		m²/h	ft²/h	m²/h	ft²/h																																																																																																								
High-Key	x	x	x	93.0	1001	68.0	732																																																																																																						
Express	x	x	x	64.2	691	45.6	491																																																																																																						
Production-Fast			x	47.8	514	35.6	383																																																																																																						
Production	x	x	x	39.7	427	30.8	332																																																																																																						
Quality	x	x	x	27.6	297	22.5	242																																																																																																						
Quality-Matte	x	x	x	19.7	212	16.6	179																																																																																																						
Quality-Density	x	x	x	15.3	164	12.7	137																																																																																																						
Quality-Layered (2)		x	x	13.8	148	11.2	121																																																																																																						
Quality-Layered (3)		x	x	9.2	99	7.5	80																																																																																																						
Fine Art	x	x	x	21.8	235	18.4	198																																																																																																						
High Definition	x	x	x	12.2	131	10.1	109																																																																																																						
Varnish (High Gloss)		x	x	-9	-97	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.																																																																																																												
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. Further the Roll Media Option is available for flexible media printing.																																																																																																												
Geometric Accuracy	<table><tr><th rowspan="2"></th><th colspan="2">Measured Over</th><th colspan="2">Maximum Error</th></tr><tr><th>Flatbed</th><th>RMO</th><th>Flatbed</th><th>RMO</th></tr><tr><td>Line length (system width)</td><td>2,500 mm</td><td>2,190 mm</td><td>± 0.8 mm</td><td>± 0.6 mm</td></tr><tr><td>Line length (system height)</td><td>3,080 mm</td><td>2,000 mm</td><td>± 1.0 mm</td><td>± 1.5 mm</td></tr><tr><td>Line straightness (system width)</td><td>2,500 mm</td><td>2,190 mm</td><td>0.7 mm</td><td>0.7 mm</td></tr><tr><td>Line straightness (system height)</td><td>3,080 mm</td><td>2,000 mm</td><td>0.7 mm</td><td>2.0 mm</td></tr><tr><td>Diagonal Error ("squareness")</td><td>3,080x2,500 mm</td><td>2,000x2,190 mm</td><td>1.0 mm</td><td>2.5 mm</td></tr></table>		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")	3,080x2,500 mm	2,000x2,190 mm	1.0 mm	2.5 mm																																																																										
	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")	3,080x2,500 mm	2,000x2,190 mm	1.0 mm	2.5 mm																																																																																																									
RIGID MEDIA																																																																																																													
Maximum Area:	309 x 251 cm / 121.7 x 98.8 inches																																																																																																												
Maximum Thickness:	50.8 mm / 2.0 inches																																																																																																												
Maximum Mass:	34 kg/m² / 7 lbs/ft²																																																																																																												
Rigid Media Print Area	Up to: 309 x 251 cm / 121.7 x 98.8 inches (for edge-to-edge printing)																																																																																																												
ROLL MEDIA																																																																																																													
Roll width and mass	90 to 220 cm / 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 219 cm / 86.2 inches																																																																																																												
INTERFACE & SOFTWARE																																																																																																													
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.																																																																																																												
ENVIRONMENT																																																																																																													
Electrical Power	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																																																																																																												
Compressed Air	Clean, dry, compressed air using a Coalescing Filter. Pressure Regulator set to 690 kPa (100 psi) and connects air regulator to ½ inch or 12mm OD air tubing. Peak flow: 113 l/min at 690 kPa (4 cfm at 100 psi)																																																																																																												
Temperature	18° to 30° C (64° to 86° F)																																																																																																												
Relative humidity	30 to 70% (non-condensing)																																																																																																												
Ventilation	1,200 m³ per hour / 700 cfm minimum (see Site Preparation Guide)																																																																																																												
Altitude	2,750 m (9,020 feet) maximum, however some components specify a limit of 2,000 m (6,560 feet)																																																																																																												
SIZE AND WEIGHT																																																																																																													
Printer only	5.0 m x 3.83 m (196.9” x 150.8”), 1,891 kg (4,169 lbs.)																																																																																																												
Printer + Roll Media Option	5.0 m x 4.12 m (196.9” x 162.2”), 2,141 kg (4,720 lbs.)																																																																																																												
Height	Table height: 0.88 m (34.6”), Overall height 1.3 m (51.2”)																																																																																																												



ARIZONA 2300 SERIES

Canon

Canon is a registered trademark of Canon Inc. in Canada and elsewhere. Arizona, Xpert, Touchstone, VariaDot are registered trademarks of Canon Production Printing B.V. The content of this publication may be subject to changes from time to time without notice. Canon shall not be liable for any direct, indirect or consequential damages of any nature, or losses or expenses resulting from the use of the contents of this publication.

All rights reserved. © Canon Canada, Inc., 2020