

READY SET FLOW

Arizona 2300 series

The Arizona 2300 series is part of the 5th 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 & 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.

This latest addition to the award-winning series of flatbed printers is 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 reap the benefits of 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

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 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	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	60.0	646
	Express	x	x	x	57.6	620	45.6	491
	Production-Fast				44.0	473	35.6	383
	Production	x	x	x	36.7	395	30.8	332
	Production Plus				36.7	395	30.8	332
	Quality	x	x	x	26.0	280	22.5	242
	Quality-Plus				26.0	280	22.5	242
	Quality-Matte	x	x	x	19.0	204	16.6	179
	Quality-Smooth	x	x	x	14.5	156	12.7	137
	Quality-Density	x	x	x	14.5	156	12.7	137
	Quality-Layered (2)				13.0	140	11.2	121
	Quality-Layered (3)				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)				-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. In addition, the Roll Media Option is available for flexible media printing.							
Geometric Accuracy		Measured Over Flatbed	RMO	Maximum Error 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")	1,250x2,500 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/m ² / 7 lbs/ft ²						
Rigid Media Print Area	Up to: 126 x 251 cm / 49.6 x 98.8 inches (for edge-to-edge printing)							
Media Roll Specification	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							
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 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)							
Environment	Temperature: 18° to 30° C (64° to 86° F) Relative humidity: 30 to 70% (non-condensing) Ventilation: 1,200 m ³ 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/Weight	Printer only: 5.0 m x 2.0 m (196.9 x 78.7 inches), 885 kg (1,951 lbs.) Printer + Roll Media Option: 5.0 m x 2.29 m (196.9 x 90.2 inches), 1,135 kg (2,502 lbs.) Table height: 0.88 m (34.6 inches) / Overall height: 1.3 m (51.2 inches)							

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 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 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	Print Modes	2340 XTF	2360 XTF	2380 XTF	<table border="0"> <thead> <tr> <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> </thead> <tbody> <tr><td>High-Key</td><td>95.0</td><td>1023</td><td>60.0</td><td>646</td></tr> <tr><td>Express</td><td>64.2</td><td>691</td><td>45.6</td><td>491</td></tr> <tr><td>Production-Fast</td><td>47.8</td><td>514</td><td>35.6</td><td>383</td></tr> <tr><td>Production</td><td>39.7</td><td>427</td><td>30.8</td><td>332</td></tr> <tr><td>Production-Plus</td><td>39.7</td><td>427</td><td>30.8</td><td>332</td></tr> <tr><td>Quality</td><td>27.6</td><td>297</td><td>22.5</td><td>242</td></tr> <tr><td>Quality-Plus</td><td>27.6</td><td>297</td><td>22.5</td><td>242</td></tr> <tr><td>Quality-Matte</td><td>19.7</td><td>212</td><td>16.6</td><td>179</td></tr> <tr><td>Quality-Smooth</td><td>15.3</td><td>164</td><td>12.7</td><td>137</td></tr> <tr><td>Quality-Density</td><td>15.3</td><td>164</td><td>12.7</td><td>137</td></tr> <tr><td>Quality-Layered (2)</td><td>13.8</td><td>148</td><td>11.2</td><td>121</td></tr> <tr><td>Quality-Layered (3)</td><td>9.2</td><td>99</td><td>7.5</td><td>80</td></tr> <tr><td>Fine Art</td><td>21.8</td><td>235</td><td>18.4</td><td>198</td></tr> <tr><td>High Definition</td><td>12.2</td><td>131</td><td>10.1</td><td>109</td></tr> <tr><td>Varnish (High Gloss)</td><td>-9</td><td>97</td><td>n.a.</td><td>n.a.</td></tr> </tbody> </table>	Flatbed		RMO		m ² /h	ft ² /h	m ² /h	ft ² /h	High-Key	95.0	1023	60.0	646	Express	64.2	691	45.6	491	Production-Fast	47.8	514	35.6	383	Production	39.7	427	30.8	332	Production-Plus	39.7	427	30.8	332	Quality	27.6	297	22.5	242	Quality-Plus	27.6	297	22.5	242	Quality-Matte	19.7	212	16.6	179	Quality-Smooth	15.3	164	12.7	137	Quality-Density	15.3	164	12.7	137	Quality-Layered (2)	13.8	148	11.2	121	Quality-Layered (3)	9.2	99	7.5	80	Fine Art	21.8	235	18.4	198	High Definition	12.2	131	10.1	109	Varnish (High Gloss)	-9	97	n.a.	n.a.
Flatbed		RMO																																																																																						
m ² /h	ft ² /h	m ² /h	ft ² /h																																																																																					
High-Key	95.0	1023	60.0	646																																																																																				
Express	64.2	691	45.6	491																																																																																				
Production-Fast	47.8	514	35.6	383																																																																																				
Production	39.7	427	30.8	332																																																																																				
Production-Plus	39.7	427	30.8	332																																																																																				
Quality	27.6	297	22.5	242																																																																																				
Quality-Plus	27.6	297	22.5	242																																																																																				
Quality-Matte	19.7	212	16.6	179																																																																																				
Quality-Smooth	15.3	164	12.7	137																																																																																				
Quality-Density	15.3	164	12.7	137																																																																																				
Quality-Layered (2)	13.8	148	11.2	121																																																																																				
Quality-Layered (3)	9.2	99	7.5	80																																																																																				
Fine Art	21.8	235	18.4	198																																																																																				
High Definition	12.2	131	10.1	109																																																																																				
Varnish (High Gloss)	-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. In addition, the Roll Media Option is available for flexible media printing.																																																																																							
Geometric Accuracy		Measured Over Flatbed	RMO	Maximum Error Flatbed	RMO																																																																																			
	Line length (system width)	2,500 mm	2,190 mm	± 0.8 mm	± 0.6 mm																																																																																			
	Line length (system height)	3080 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)	3080 mm	2,000 mm	0.7 mm	2.0 mm																																																																																			
	Diagonal Error ("squareness")	3080x2,500 mm	2,000x2,190 mm	1.0 mm	2.5 mm																																																																																			
Rigid Media	Maximum area:	308 x 250 cm / 121.3 x 98.4 inches (320 x N cm permitted w/308 cm vacuum)																																																																																						
	Maximum thickness:	50.8 mm / 2.0 inches																																																																																						
	Maximum mass:	34 kg/m ² / 7 lbs/ft ²																																																																																						
Rigid Media Print Area	Up to: 309 x 251 cm / 121.7 x 98.8 inches (321 x N cm permitted w/308 cm vacuum)																																																																																							
Media Roll Specification	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																																																																																							
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 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)																																																																																							
Environment	Temperature: 18° to 30° C (64° to 86° F) Relative humidity: 30 to 70% (non-condensing) Ventilation: 1,200 m ³ 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/Weight	Printer only: 5.0 m x 3.83 m (196.9 x 150.8 inches), 1,891 kg (4,169 lbs.) Printer + Roll Media Option: 5.0 m x 4.12 m (196.9 x 162.2 inches), 2,141 kg (4,720 lbs.) Table height: 0.88 m (34.6 inches) / Overall height: 1.3 m (51.2 inches)																																																																																							



© 2020 Canon Production Printing

No part of this publication may be copied, modified, reproduced or transmitted in any form or by any means, electronic, manual, or otherwise, without the prior written permission of Canon Production Printing. Illustrations and printer output images are simulated and do not necessarily apply to products and services offered in each local market. The content of this publication should neither be construed as any guarantee or warranty with regard to specific properties or specifications nor of technical performance or suitability for particular applications. The content of this publication may be subject to changes from time to time without notice. Canon Production Printing 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.