

# TAKING QUALITY AND VERSATILITY TO EXCITING NEW HEIGHTS

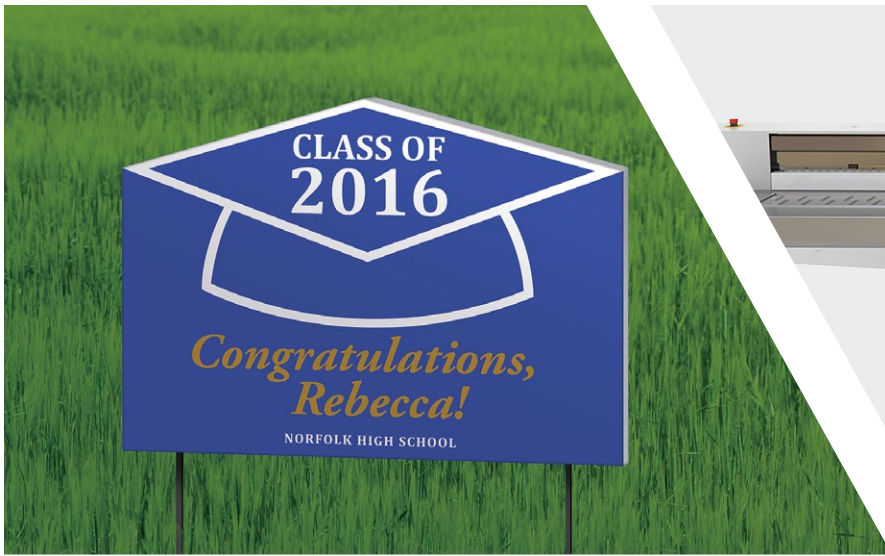
Arizona 2200 Series  
UV Flatbed Printers



## The Arizona 2200 series — building on a legacy of award-winning UV flatbed printers

The Arizona 2200 series are true flatbed, UV-curable ink printing systems designed for optimum print quality and versatility for both rigid and flexible media applications. Building on the success of its market-leading predecessors, these new Arizona series models are designed to serve mid-volume print producers requiring a versatile, productive platform capable of producing high-quality printed output at impressive levels of productivity.

The Arizona 2200 series is the fourth generation of higher speed, mid-volume UV flatbed printers from Canon and sets new standards for print quality, application versatility, reliability, and ease of use.



## Features and benefits

### PRINT QUALITY

- True flatbed architecture for the best possible printing results on rigid media and objects.
- Roll Media Option for uncompromising print quality on flexible media.
- Award-winning VarioDot grayscale printing technology from Canon for near photographic image reproduction using only CMYK inks.
- Option of light cyan and light magenta inks or CM-Squared™ ink configurations for *even higher quality* photo and fine art applications.
- Active Pixel Placement Compensation for accurate, uniform print geometry over the entire flatbed surface.

### APPLICATION VERSATILITY

True Flatbed Architecture with Roll Media Option.

A true flatbed is prime architecture for rigid media printing applications. for rigid media printing applications.

- Print on odd-shaped, heavy, smooth, or pre-cut media.
- Print high value, multi-layer applications in perfect register.
- Print on unusual media or objects.
- Produce double-sided prints in perfect register.
- Print large images tiled over multiple large boards with perfect geometry.
- Print on media or objects of any size up to 49 × 98 inches (GT models) or 98 × 121 inches (XT models.)
- Print media edge-to-edge without hassle or mess.

### ROLL MEDIA OPTION

- Extends application versatility to almost any flexible media up to 86.6 inches wide without compromise.
- Supports media from 35.5 to 86.6 inches, up to 110 pounds.
- Third-generation, UV curing system supports most thin, heat-sensitive media.

### FUTURE PROOF

- Add additional ink channels for more versatility at any time.
- Add the Roll Media Option at any time.
- Add the Static Suppression Option at any time.

### RELIABILITY AND EASE-OF-USE

- Pneumatic registration pins for quick, repeatable, easy loading of rigid media in perfect register every time.
- Automated Maintenance System for hands-free printhead maintenance. Restore nozzle function in seconds.
- A six/seven zone vacuum system, optimized for standard rigid media sizes, negates the need for vacuum masking of the flatbed.
- Dual origins and independent vacuum systems for simultaneous printing and loading/unloading of media (XT models.)
- High-flow vacuum system for effective pull-down of rigid media.
- Batch complex jobs, step and repeat, mirror, re-assignment of print modes, and other high-value functions are available at the printer for last minute adjustments to production.









### A wide range of models

The Arizona 2200 series is a true flatbed architecture available in two different sized formats: 4 × 8 foot and 8 × 10 foot. Both sizes offer award-winning print quality when printing edge-to-edge (full bleed), double-sided, multiple boards, large multi-board tiled images, pre-cut shaped media, heavy or unusually smooth media and even objects.

Utilizing the award-winning VariaDot grayscale printing technology, the Arizona 2200 series supports six- or eight-channel ink configurations each delivering true grayscale printing using ink drops from 7 to 42 picolitres.

- Choose **optimum productivity** by selecting a CM-Squared ink configuration for the smoothest production prints available and the enhanced reliability of double nozzle redundancy in all available print modes.
- Choose **optimum print quality** by selecting a six-color ink configuration that includes light cyan and light magenta inks; fantastic for photographic or fine art applications in the higher quality print modes!

ARIZONA SERIES MODEL (GT AND XT)	INK CONFIGURATION OPTIONS				
	CMYK	CM-SQUARED	LIGHT CYAN LIGHT MAGENTA	DOUBLE WHITE	WHITE VARNISH
Arizona 2260 printer	Standard	Option* 	Option* 	Option 	Option
Arizona 2280 printer	Standard	Option 	Option 	Option 	Option

\* Factory ordered option

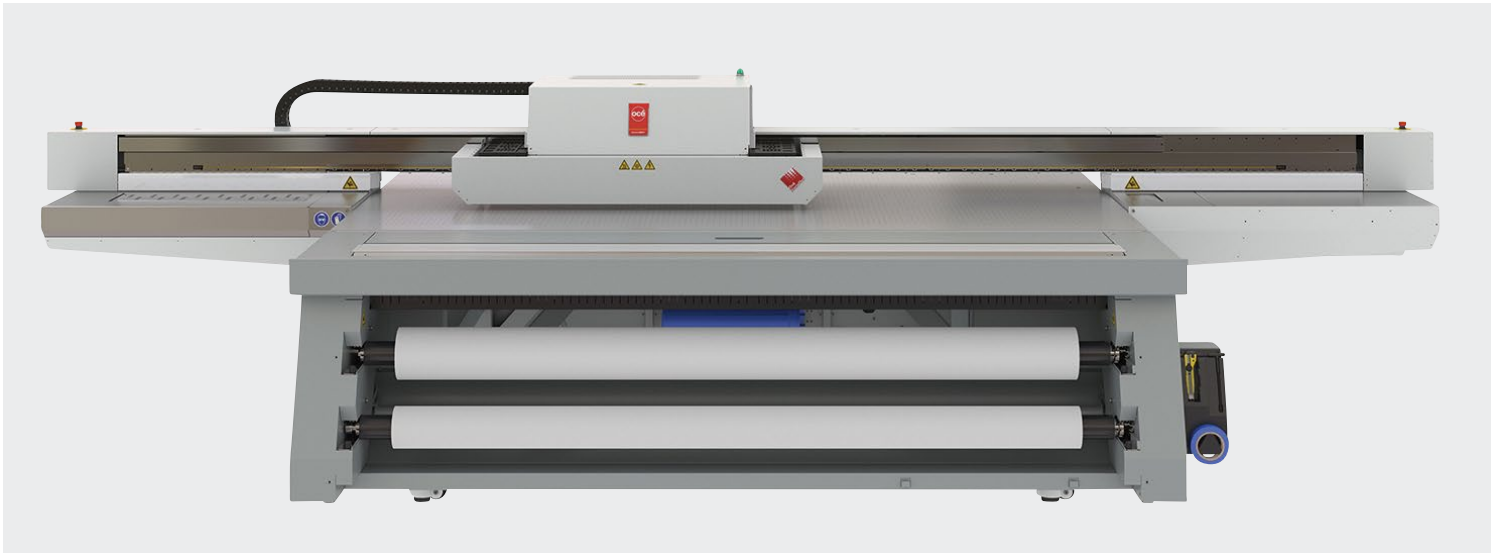


## A wider range of print modes

The Arizona 2200 series offers a wide range of print modes enabling you to more easily choose the best mode for the most demanding of jobs. With the introduction of light magenta and light cyan inks, there is a new Production-Fast mode that provides 25 percent more productivity than previous Production or Production-Smooth modes. Even using standard Production mode, the Arizona 2200 series now delivers improved smoothness compared to earlier Arizona series models.

PRINT MODE	ARIZONA 2200 SERIES MODEL							
	ARIZONA 2260 PRINTER				ARIZONA 2280 PRINTER			
	CMYK + WW	CMYK + WV	CMYK + cm	CMYK + CM	CMYK + cm + WW	CMYK + cm + WV	CMYK + CM + WW	CMYK + CM + WV
Express	●	●	●	●	●	●	●	●
Production — Squared				●			●	●
Production — Fast			●		●	●		
Production — Smooth				●			●	●
Production	●	●	●		●	●		
Quality	●	●	●	●	●	●	●	●
Quality — Matte			●		●	●		
Quality — Density	●	●	●	●	●	●	●	●
Quality — 2 Layer	●	●			●	●	●	●
Quality — 3 Layer	●	●			●	●	●	●
Fine Art	●	●	●	●	●	●	●	●
High Definition	●	●	●	●	●	●	●	●





PRINT MODE	ARIZONA 2200 SERIES MODEL			FLATBED		RMO
	ARIZONA 2260 PRINTER <sup>1</sup>	ARIZONA 2260 PRINTER	ARIZONA 2280 PRINTER	GT MODEL	XT MODEL	
				SQUARE FEET PER HOUR		SQUARE FEET PER HOUR
Express	●	●	●	620	691	491
Production — Squared <sup>2</sup>		●	●	473	514	383
Production — Fast <sup>3</sup>		●	●	473	514	383
Production — Smooth <sup>2</sup>		●	●	395	427	332
Production <sup>4</sup>	●	●	●	395	427	332
Quality	●	●	●	280	297	242
Quality — Density	●	●	●	156	164	137
Quality — Matte <sup>2</sup>		●	●	204	212	179
Quality — Smooth	●	●	●	156	164	137
Quality — 2 Layer	●		●	140	148	121
Quality — 3 Layer	●		●	93	99	80
Fine Art	●	●	●	226	235	198
High Definition	●	●	●	119	131	109
Varnish (High Gloss)	●		●	~75	~97	-

<sup>1</sup> 2260 configured with WW or WV

<sup>2</sup> CM<sup>2</sup> configurations

<sup>3</sup> cm configurations

<sup>4</sup> Except CM<sup>2</sup> configurations



PRINT SYSTEM				
Printing technology	6/8-channel piezoelectric inkjet system using VariaDot grayscale imaging technology; two 636-nozzle, variable droplet printheads per channel.			
Resolution	Near-photographic quality with sharpness only before seen at resolutions of 1,440 dpi or higher. <b>High Definition mode:</b> Perfectly legible text as small as 2 pt.			
Ink system	Canon IJC257 Black, Cyan, Magenta, Yellow, Light Cyan, Light Magenta UV curable inks packaged in two-liter, quick-exchange bags. White and Varnish packaged in one-liter bags.			
Print speeds (depending on print mode)	XT models: Up to 691 ft. <sup>2</sup> /hr. (64.2 m <sup>2</sup> /hr.) Roll Media Option: Up to 491 ft. <sup>2</sup> /hr. (45.6 m <sup>2</sup> /hr.)			
System architecture	True flatbed for rigid media printing with available Roll Media Option for flexible media printing.			
RIGID MEDIA SUPPORT				
Maximum vacuum area (GT model)	49.2" × 98.4" (1.25 m × 2.50 m)			
Maximum vacuum area (XT model)	121.3" × 98.4" (3.08 m × 2.50 m)			
Maximum printable area (GT model)	49.6" × 98.8" (1.26 m × 2.51 m)			
Maximum printable area (XT model)	121.7" × 98.8" (3.09 m × 2.51 m) <b>Maximum:</b> 126" printable using 121" vacuum on very rigid media such as plate glass			
Maximum thickness	2" (50.8 mm)			
Maximum mass	7 lbs./ft. <sup>2</sup> (3.18 kg/m <sup>2</sup> )			
GEOMETRIC ACCURACY				
	<b>Measured over</b> Flatbed (GT/XT model)		<b>Max error</b> Flatbed (GT/XT model)	
		RMO		RMO
Line length/system width	8.20 ft. (2.5 m)	7.19 ft. (2.19 m)	±0.03" (±0.8 mm)	±0.02" (±0.6 mm)
Line length/system height	4.10/10.10 ft. (1.25/3.08 m)	6.56 ft. (2 m)	±0.02"/0.04" (±0.4/1.0 mm)	±0.06" (±1.5 mm)
Line straightness/system width	8.20 ft. (2.5 m)	7.19 ft. (2.19 m)	0.03" (0.7 mm)	0.03" (0.7 mm)
Line straightness/system height	4.10/10.10 ft. (1.25/3.08 m)	6.56 ft. (2 m)	0.02"/0.03" (0.5/0.7 mm)	0.08" (2.0 mm)
Diagonal error/squareness	4.10/10.10 × 8.20 ft. (1.25/3.08 × 2.5 m)	6.56 × 7.19 ft. (2 × 2.19 m)	0.04" (1.0 mm)	0.10" (2.5 mm)

MEDIA ROLL SPECIFICATION	
Roll width and mass	35.4" to 86.6" (0.90 m to 2.20 m), up to 110 lbs. (at any width)
Maximum diameter	9.45" (0.24 m)
Core	3" (76.2 mm, inside)
Bias	Print-side-in or print-side-out, most types (application dependent)
Print width	86.2" (2.19 m)
INTERFACE AND SOFTWARE	
Connectivity	10/100/1000 Base-T
Image processing	ONYX® Thrive™ 12 (421 configuration or greater recommended)
OPERATING ENVIRONMENT	
Electrical power	2 × 208-240 VAC/60Hz, single-phase Rated current: 16A Circuit Breakers: 20A
Compressed air (supplied by customer)	Clean, dry, compressed air by use of: <ul style="list-style-type: none"> <li>Coalescing filter, pressure regulator (set to 100 psi), ¼" OD air tubing — connects regulator to printer</li> </ul> Flow requirement: <ul style="list-style-type: none"> <li>Peak flow: 2 ft.<sup>3</sup>/min. at 100 psi (57 l/min. at 690 kPa)</li> </ul>
Ventilation	700 ft. <sup>3</sup> /min. minimum
Temperature	65° to 86° F (18° to 30° C)
RH	30 – 70%, non-condensing
Operating altitude	9,020 feet (2,749 m) maximum However, some components specify a limit of 6,560 feet (2,000 m).
SIZE AND WEIGHT	
Table height	34.6" (0.88 m)
Overall height	51.2" (1.30 m)
ARIZONA 2200 GT PRINTER	
Printer dimensions	196.9" × 78.7" (5.00 × 2.00 m)
Printer weight	1,819 lb. (825 kg)
Printer + Roll Media Option dimensions	183.5" × 90.6" (4.66 × 2.30 m)
Printer + Roll Media Option weight	2,205 lb. (1,000 kg)
ARIZONA 2200 XT PRINTER	
Printer dimensions	196.9" × 78.7" (5.00 × 3.83 m)
Printer weight	3,792 lb. (1,720 kg)
Printer + Roll Media Option dimensions	196.9" × 78.7" (5.00 × 4.12 m)
Printer + Roll Media Option weight	4,178 lb. (1,800 kg)

# WHY CANON SOLUTIONS AMERICA

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