

Canon

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 CANON SEE IMPOSSIBLE

THE NEXT GENERATION IN VERSATILITY AND VALUE

Océ Arizona 1200 Series
UV Flatbed Printers



Flatbed printing refined: the world's best-selling mid-volume flatbed printers just keep getting better

The Océ Arizona® 1200 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 their market-leading predecessors, these new Océ Arizona series models have been designed to serve mid-volume print producers requiring a versatile, productive platform capable of producing high-quality printed output.

The Océ Arizona 1200 series is the fourth generation of mid-volume UV flatbed printers from Océ and sets new standards for print quality, application versatility, reliability, and ease-of-use.

OCÉ ARIZONA 1200 SERIES UV FLATBED PRINTERS



A CANON COMPANY



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 Océ VariaDot® grayscale printing technology for near photographic image reproduction using only CMYK inks for the lowest ink consumption; less than 0.74 ml/ft.² on average, including maintenance
- Optional light cyan and light magenta inks for *even higher quality* photo and fine art applications
- Optional CM-Squared™ ink configurations for the smoothest production prints
- 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 the undisputed best architecture 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 x 98 inches (GT models) or 98 x 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 lbs.
- Third-generation, Océ-designed 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 Automated Maintenance System 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
- An optional 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 warped 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
- High-pressure vacuum for reliable media hold down during printing

A WIDE RANGE OF MODELS

The Océ Arizona 1200 series is a true flatbed architecture available in two different sized formats; 4 x 8 foot and 8 x 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 Océ VariaDot grayscale printing technology, the Océ Arizona 1200 series supports four, six, or eight channel ink configurations each delivering true grayscale printing using ink drops from 7 to 42 picolitres.

- Choose **economy and proven utility** by selecting the “tried and true” CMYK ink configuration, featuring award-winning Océ VariaDot print quality, for the lowest acquisition cost and lowest possible ink consumption rate.
- 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!

OCÉ ARIZONA SERIES MODEL (GT AND XT)	INK CONFIGURATION OPTIONS				
	CMYK	CM-SQUARED	LIGHT CYAN LIGHT MAGENTA	DOUBLE WHITE	WHITE VARNISH
Océ Arizona 1240 printer	Standard	N/A	N/A	N/A	N/A
Océ Arizona 1260 printer	Standard	Option*	Option*	Option	Option
Océ Arizona 1280 printer	Standard	Option	Option	Option	Option

* Factory ordered option



A WIDER RANGE OF PRINT MODES

The Océ Arizona 1200 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% more productivity than previous Production or Production-Smooth modes. Even using standard Production mode, the Océ Arizona 1200 series now delivers improved smoothness compared to earlier Océ Arizona series models.

PRINT MODE	OCÉ ARIZONA 1200 SERIES MODEL								
	OCÉ ARIZONA 1240 PRINTER	OCÉ ARIZONA 1260 PRINTER				OCÉ ARIZONA 1280 PRINTER			
	CMYK	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	OCÉ ARIZONA 1200 SERIES MODEL				FLATBED		RMO
	OCÉ ARIZONA 1240 PRINTER	OCÉ ARIZONA 1260 PRINTER ¹	OCÉ ARIZONA 1260 PRINTER	OCÉ ARIZONA 1280 PRINTER	GT MODEL	XT MODEL	
					SQUARE FEET PER HOUR		SQUARE FEET PER HOUR
Express	●	●	●	●	362	377	276
Production — Squared ²			●	●	270	280	202
Production — Fast ³			●	●	270	280	202
Production — Smooth ²			●	●	220	227	182
Production ⁴	●	●	●	●	220	227	182
Quality	●	●	●	●	153	157	125
Quality — Density	●	●	●	●	85	88	70
Quality — Matte			●	●	112	116	92
Quality — 2 Layer		●		●	76	79	62
Quality — 3 Layer		●		●	51	52	42
Fine Art	●	●	●	●	125	128	101
High Definition	●	●	●	●	64	66	56
Varnish (High Gloss)		●		●	~43	~54	-

¹ 1260 configured with WW or WV

² CM² configurations

³ cm configurations

⁴ Except CM² configurations



PRINT SYSTEM				
Printing technology	4/6/8-channel piezoelectric inkjet system using Océ VariaDot grayscale imaging technology; one 636-nozzle, variable droplet printhead per channel			
Resolution	Near-photographic quality with sharpness only before seen at resolutions of 1,440 dpi or higher. High Definition mode: Perfectly legible text as small as 2 pt.			
Ink system	Océ IJC255 or Océ IJC257 Black, Cyan, Magenta, Yellow, Light Cyan, Light Magenta UV curable inks packaged in two-liter (800 ml), quick-exchange bags. White and Varnish packaged in one-liter bags.			
Print speeds (depending on print mode)	XT models: Up to 377 ft. ² /hr. (35 m ² /hr.) Roll Media Option: Up to 276 ft. ² /hr. (26 m ² /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) Maximum: 126" printable using 121" vacuum on very rigid media such as plate glass			
Maximum thickness	2" (50.8 mm)			
Maximum mass	7 lbs./ft. ² (3.18 kg/m ²)			
GEOMETRIC ACCURACY				
	Measured over Flatbed (GT/XT model)	RMO	Max error Flatbed (GT/XT model)	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: • Coalescing filter, pressure regulator (set to 100 psi), ¼" OD air tubing — connects regulator to printer Flow requirement: • Peak flow: 2 ft. ³ /min. at 100 psi (57 l/min. at 690 kPa)
Ventilation	700 ft. ³ /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)
OCÉ ARIZONA 1200 GT PRINTER	
Printer dimensions	183.5" × 78.7" (4.66 × 2.00 m)
Printer weight	1,730 lb. (785 kg)
Printer + Roll Media Option dimensions	183.5" × 90.6" (4.66 × 2.30 m)
Printer + Roll Media Option weight	2,116 lb. (960 kg)
OCÉ ARIZONA 1200 XT PRINTER	
Printer dimensions	183.5" × 150.8" (4.66 × 3.83 m)
Printer weight	3,583 lb. (1,625 kg)
Printer + Roll Media Option dimensions	183.5" × 162.2" (4.66 × 4.12 m)
Printer + Roll Media Option weight	3,968 lb. (1800 kg)

WHY CANON SOLUTIONS AMERICA.

Canon Solutions America recommends forward-thinking strategies to achieve the highest levels of information management efficiency for your unique business needs. Using superior technology and innovative services, we then design, implement, and track solutions that improve information flow throughout your organization in environmentally conscious ways, resulting in greater productivity and reduced costs.

There are many reasons why you should choose Canon Solutions America as your provider for document management solutions. Benefits include:

- A Canon U.S.A. Company
- Business Services
- Professional Services
- Global Capabilities
- Certified Training and Support
- Flexible Finance Options
- Single-Source Solutions Provider
- Managed Document Services
- Nationwide Coverage
- Customized Industry Solutions
- Genuine Canon and Océ Parts and Supplies
- Diverse Range of Input-to-Output Technology

But that's not all. As a company that is dedicated to your needs, we support our solutions with highly skilled professionals and advanced diagnostic systems to maintain peak performance. And with ongoing consultation, we can further your document management capabilities to ensure the highest level of satisfaction and productivity.



CANON SOLUTIONS AMERICA

LARGE FORMAT SOLUTIONS

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