



Flatbed Printing Refined

The new Océ Arizona 1200 series true flatbed printer offers near-photographic image quality and outstanding versatility across both flexible and rigid media applications



SCAN HERE

KEY FEATURES



Variable Dot Technology
Award winning Océ VariaDot™ imaging technology



Express production speeds
Print up to 35m² per hour



Extra thick media handling
Print on media up to 50.8mm thick



Large ink tanks
Bulk 2 litre ink tanks to reduce running costs



High definition resolution output
Print resolutions up to 1,440dpi

NEW FEATURES



Registration pins
Ease-of-use media loading



New interface control panel
Reduced data transfer times & new operational features



Light cyan & Light magenta
Higher quality print modes for photographic and fine art applications



The Next Generation in Versatility and Value

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.

A Wider Range of Models and Print Modes



Océ Arizona 1240 GT/XT

Choose economy and proven utility by selecting the “tried and true” CMYK ink configuration, for the lowest acquisition cost and lowest possible ink consumption rate.





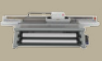
Océ Arizona 1260 & 1280 GT/XT

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.



Océ Arizona 1260 & 1280 GT/XT

Choose optimum print quality by selecting a light cyan and light magenta ink configuration; fantastic for photographic or fine art applications in the higher quality print modes.

PRINT MODE	Océ Arizona® 1200 Series Model									Printing Speed		
	1240	1260		1260 L		1280				(m²/hr)		
	Standard	Double White	White Varnish	Light Cyan Light Magenta	CM-Squared	CM-Squared + Double White	CM-Squared + White Varnish	Light Cyan Light Magenta + Double White	Light Cyan Light Magenta + White Varnish			
	CMYK	CMYK + WW	CMYK + WV	CMYK + LcLm	CMYK + CM	CMYK + CM + WW	CMYK + CM + WV	CMYK + LcLm + WW	CMYK + LcLm + WV	GT Model	XT Model	RMO
Express	•	•	•	•	•	•	•	•	•	33.6	35	25.6
Production-Squared					•	•	•			25.1	26.0	18.8
Production-Fast				•				•	•	25.1	26.0	18.8
Production-Smooth					•	•	•			20.4	21.1	16.9
Production	•	•	•	•				•	•	20.4	21.1	16.9
Quality	•	•	•	•	•	•	•	•	•	14.2	14.6	11.6
Quality-Matte				•				•	•	7.9	8.2	6.5
Quality-Density	•	•	•	•	•	•	•	•	•	10.4	10.8	8.5
Quality-2 Layer		•	•			•	•	•	•	7.1	7.3	5.8
Quality-3 Layer		•	•			•	•	•	•	4.7	4.8	3.9
Fine Art	•	•	•	•	•	•	•	•	•	11.6	11.9	9.4
High Definition	•	•	•	•	•	•	•	•	•	5.9	6.1	5.2
Varnish (High Gloss)			•				•		•	4	5	-

• – Available Print Mode



KEY FEATURES:



Océ VariaDot® imaging technology

The Océ VariaDot imaging technology dispenses ink droplets that vary in size from 6 to 42 picoliters. This ensures realistic, photo-like image quality. It delivers finer details and smoother gradients in highlight areas and crisp colours in the mid tones, plus incredible density in shadows and areas of solid colour. Images look far superior to those printed on a conventional, fixed-droplet, 6-color inkjet printer.



High definition solution output

With print resolutions of 1,440 dpi or higher, the printer is equipped with High Definition print mode that can produce perfect 2-point text and have the geometric accuracy as well as feature resolution needed to support technical and industrial applications with ease.



Active Pixel Placement Compensation

Within the 350 micron system flatness specification, the Océ Arizona 1200 Series models use Océ's new active pixel placement compensation to assure image sharpness, density and uniformity, whether it is printed on the flatbed or on the Roll Media Option.



Express production speeds

Fast, production-quality print mode of 35+ m²/h for high dot gain, distant viewed applications.



Extra thick media handling

Print on odd-shaped, heavy, smooth, pre-cut rigid media or objects up to 50.8mm thick.



Large ink tanks

Black, Cyan, Magenta, Yellow, Light Cyan and Light Magenta UV curable inks packaged in two liter, quick-exchange ink bags for less mess and virtually no wasted ink.

NEW FEATURES:



Registration pins

Pneumatically activated media registration pins, optimised for use with the defined vacuum zone media sizes for fast, reliable, easy loading of rigid media in perfect register every time.



Automated print head maintenance system

An optional innovative Automated Print head Maintenance System provides completely hands-free print head cleaning in less than 25 seconds per colour, ensuring consistent nozzle performance print after print.



New interface control panel

Step and Repeat and Mirror are now available on the printer's control panel. So you can easily make last minute adjustments to your production plan. An updated vacuum system provides both high-flow vacuum for effective pull-down of warped rigid media and high-pressure vacuum for reliable media hold-down during printing.



Third-generation UV curing system

New structural design, optimised for improved thermal management, ensures impressive results with even the thinnest, most heat-sensitive media.



Light cyan & light magenta inks

Add Light Cyan and Light Magenta inks for even higher print quality for photographic and fine art applications.



Wider range of print modes

NEW! Production-Fast, Production-Squared & Production-Smooth print modes feature high quality printing at production speeds (not available in CMYK ink configuration).

Specifications

TECHNOLOGY				
Printing technology	4/6/8-channel piezoelectric inkjet system using Océ VariaDot™ grayscale imaging technology			
Number of nozzles	One 636-nozzle, variable droplet printhead per channel			
System architecture	True flatbed for rigid media printing with available Roll Media Option for flexible media printing			
Print resolution	Variable droplet sizes from 6 to 42 picoliters. 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 2pt.			
Ink configurations	1240 GT: CMYK 1260 GT: CMYK + WW/WW 1260 GT "L": CMYK + LcLm/CM 1280 GT: CMYK LcLm + WW/WW or CMYK CM + WW/WW			
RIGID MEDIA SUPPORT				
Maximum vacuum area (GT model)	1.25m × 2.5m (49.2" × 98.4")			
Maximum vacuum area (XT model)	3.08m × 2.50m (121.3" × 98.4")			
Maximum printable area (GT model)	1.26m × 2.51m (49.6" × 98.8")			
Maximum printable area (XT model)	3.09m × 2.51m (121.7" × 98.8")			
Maximum thickness	50.8mm (2")			
Maximum mass	34 kg/m² / 7 lbs/ft²			
ROLL MEDIA SUPPORT				
Roll width and mass	90cm to 220cm (35.4" to 86.6") Up to 50 kg/110 lbs (at any width)			
Maximum diameter	240mm (9.45")			
Core	3" (76.2mm, inside)			
Bias	Print-side-in or print-side-out, most types (application dependent)			
Roll media print width	Up to 219cm (86.2")			
GEOMETRIC ACCURACY	MEASURED OVER		MAX ERROR	
	FLATBED (GT/XT)	RMO	FLATBED (GT/XT)	RMO
Line length system width	2500mm	2190	± 0.8mm	± 0.6mm
Line length system height	GT: 1250mm XT: 3080mm	2000	± 0.4mm ± 1.0 mm	± 1.5mm
Line straightness system width	2500mm	2190	0.7mm	0.7mm
Line straightness system height	GT: 1250mm XT: 3080mm	2000	± 0.5mm ± 0.7mm	2.0mm
Diagonal error/squareness	GT: 1250 × 2500mm XT: 3080 × 2500mm	2000 × 2190	1.0mm	2.5mm
INTERFACE & SOFTWARE				
Connectivity	10/100/1000 Base-T			
Image processing	ONYX® Thrive™ 12 (421 configuration or greater recommended)			

Océ Arizona 1200 Series

OPERATING ENVIRONMENT	
Electrical power	2 x 208-240 VAC/60 Hz OR 2 x 200-240 VAC/50 Hz, Single-phase Rated Current: 16A Circuit Breakers: North America: 20A; Europe: 16A ROW: See CB Scheme Report
Compressed air (supplied by customer)	Clean, dry, compressed air by use of: • Coalescing Filter, Pressure Regulator set to 690 kPa (100 psi) and 0.25 inch/6mm outside diameter air tubing. Flow requirement: • Peak flow: 28 l/min at 690 kPa (1 ft³/min at 100 psi)
Ventilation	1,200m³ per hour / 700cfm minimum
Temperature	18° to 30°C / 65° to 86°F
Relative humidity	30 to 70% (non-condensing)
Operating altitude	2,750m (9,020 feet) maximum, however some components specify a limit of 2,000m (6,560 feet)
DIMENSIONS & WEIGHT	
Table height	0.88m (34.6")
Overall height	1.3m (51.2")
OCÉ ARIZONA 12X0 GT	
Printer dimensions	4.66m x 2.0m (183.5" x 78.7")
Printer weight	785kg (1,730 lbs)
Printer + roll media option dimensions	4.66m x 2.3m (183.5" x 90.6")
Printer + roll media option weight	960kg (2,116 lbs)
OCÉ ARIZONA 12X0 XT	
Printer dimensions	4.66m x 3.83m (183.5" x 150.8")
Printer weight	1,625kg (3,583 lbs)
Printer + roll media option dimensions	4.66m x 4.12m (183.5" x 162.2")
Printer + roll media option weight	1,800kg (3,968 lbs)
CONSUMABLES	
Ink bags	IJC 255 / IJC 257: • Cyan, Magenta, Yellow, Black, Light cyan & Light magenta – 800ml / 2 liters bag per colour • White – 1 liter bag IJC 257: • Varnish – 1 liter bag
Mediaguide.océ.com	Visit our online guide to find the right media for your printer and application, including matching Océ colour profiles
OPTIONS	
ROLL MEDIA OPTION	
Automated maintenance system	Adding Automated Printhead Maintenance System (AMS), to the printer enables quick, reliable and hands-free cleaning of a single colour in less than 25 sec or all colours in 2 to 4 min (depends on the printer version). IJC 257: • Varnish – 1 liter bag
Static suppression kit	Adding this kit to improve printing reliability by neutralising static electricity on materials prone to hold a static electrical charge, such as acrylic, polycarbonate and styrene.
Upgrade path	2-Channel Upgrade kit, adding 2 or 4 ink channels to the printer at any time



Delighting You Always

CANON SINGAPORE PTE. LTD.

1 Fusionopolis Place, #15-10 Galaxis, Singapore 138522

Tel : 65-6799-8888 | Fax : 65-6799-8882 | www.canon-asia.com

Tel : 65-6799-8888

Fax : 65-6799-8882

www.canon-asia.com

CANON BUSINESS PARTNER / DEALER'S STAMP

This document is for information purpose only. The contents are subject to change without notice. Product options, name and availability may vary by regions. We expressly disclaim any liability or contractual obligations with respect to this document. Brands and product names are trademarks and/or registered trademarks of their respective owners.

Warning: Unauthorised recording of copyrighted materials may infringe on the rights of copyright owners and be contrary to copyright laws.