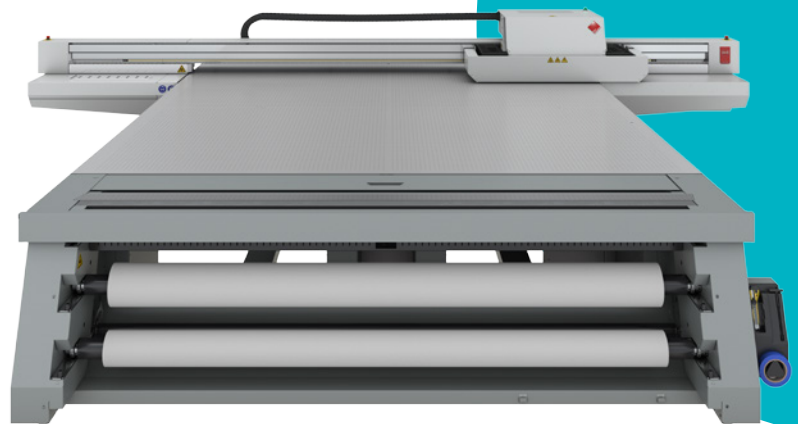# Océ Arizona 1240 XT

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The Océ Arizona 1240 XT offers image quality and application versatility with room to grow.

Building on its market-leading predecessor, the new Océ Arizona® 1240 XT extra-large true flatbed printer offers excellent print quality and versatility across both flexible and rigid media applications.

BENEFITS/USPS

- 4 colour VariaDot™ imaging technology produces superior image quality
- Extra-large flatbed architecture with additional Roll Media Option
- Excellent productivity with output speeds of up to 35m² per hour
- Continuous printing thanks to dual origins and two independent vacuum systems
- Easy and reliable media positioning through pneumatic registration pins

- Automated Printhead Maintenance Option for consistent performance print after print
- Improved productivity through new intelligent operator panel functions
- Active Pixel Placement Compensation delivers accurate results across the whole table
- Upgradable to the Océ Arizona 1260 XT or Arizona 1280 XT for greater application versatility and superb near-photo print quality

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Technical Specifications

Océ Arizona 1240 XT

PRINTER

Machine type	Mid-volume UV flatbed printer
Printing method	Piezoelectric inkjet
Number of nozzles	4-channel piezoelectric inkjet system with one 636-nozzle, variable droplet printhead per channel.
Ink configuration	CMYK
Image technology	piezoelectric inkjet system with variable droplet printheads
Print resolution	Variable droplet sizes from 6 to 42 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 42 picolitres produces uniform colors. The result is near-photographic quality with sharpness only before seen at resolutions of 1,440 dpi or higher. Text as small as 2 pt. is perfectly legible (with High Definition mode).

PRINT MODES - MAX M²/HR

Express	35
Production	21.1
Quality	14.6

INK SYSTEM

Colors	Océ IJC255 or Océ IJC257 UV-curable inks packed in quick-change, 800 ml / 2 litre bags in: Black, Cyan, Magenta and Yellow.

SYSTEM DESIGN

True Flatbed	True flatbed for rigid media printing with available Roll Media Option for flexible media printing
Rigid media maximum area	308 cm x 250 cm (320 x N cm permitted w/308 cm vacuum)
Rigid media maximum thickness	50,8 mm
Rigid media print area	Up to: 309 x 251 cm (321 x N cm permitted w/308 cm vacuum) (for edge-to-edge printing)
Rigid media maximum weight	Up to 34 kg/m²
Roll media specifications	90 to 220 cm, Up to 50 kg (at any width), Maximum diameter: 240 mm, Core: 3 inches (inside), Bias: Print-side-in or print-side-out, Most types (application dependent)

PIN REGISTRATION

Number and Placement	5 pneumatic operated pins per vaccum zone / 10 pins total
Media size range for pin support	60 cm x 80 cm (min) to 125 x 250 cm (max)

GEOMETRIC ACCURACY FLATBED

Line width	±0,8 mm max error, measured over 2,5 m
Line length	±1,0 mm max error, measured over 3,08 m
Line straightness/width	0,7 mm max error, measured over 2,5 m
Line straightness/length	0,7 mm max error, measured over 3,08 m
Diagonal Error	1,0 mm max error, measured over 3,08 x 2,5 m

GEOMETRIC ACCURACY ROLL MEDIA OPTION

Line width	±0,6 mm max error, measured over 2,19 m
Line length	±1,5 mm max error, measured over 2,0 m
Line straightness/width	0,7 mm max error, measured over 2,19 m
Line straightness/length	2,0 mm max error, measured over 2,0 m
Diagonal Error	2,5 mm max error, measured over 2,0 m x 2,19 m

INTERFACE & SOFTWARE

Interface type	10/100/1000 Base-T
Production Management Software	ONYX® Thrive™ (421 configuration or greater recommended)
Image Processing Software	ONYX® ProductionHouse™ (available, not recommended)

OPERATING ENVIRONMENT

Electrical	2 X 200-240 VAC, 50/60 Hz, Single-phase, Rated Current: 16A, Circuit Breakers: Europe: 16A, ROW: See CB Scheme Report
Compressed Air (supplied by customer)	Clean, dry, compressed air using a Coalescing Filter, Pressure Regulator set to 690 kPa (100 psi) and 6 mm outside diameter air tubing. Peak flow: 56 l/min at 690 kPa
Temperature	Temperature: 18˚ to 30˚ C
Relative humidity	Relative humidity: 30 to 70% (non-condensing)
Room Ventilation	Ventilation: 1,200 m3 per hour minimum (see Site Preparation Guide)
Altitude	2,750 m maximum, however some components specify a limit of 2,000 m
Dimensions	Printer only: 4.66 m x 3,83 m, 1.625 kg
	Printer + Roll Media Option: 4.66 m x 4,12 m, 1.800 kg
	Table height: 0.88 m / Overall height: 1.3 m

CONSUMABLES

mediaguide.oce.com	Visit our online guide to find the right media for your printer and application, including matching Océ color profiles

OPTIONS & UPGRADE PATH

Options	Add 2 or 4 ink channels to the printer at any time
	Add a Roll Media Option to the printer at any time
	Add a Static Supression Kit to the printer at any time
	Add an Automatic Printhead Maintenance System to the printer at any time
Upgrade path	Application of the 2-Channel Upgrade converts an Océ Arizona 1240 XT to Océ Arizona 1260 XT adding White ink and/or Varnish capacity for backlit and non-white media applications, or adding Light Cyan and Light Magenta for near photo quality and fine-art printing.
	Application of the 2 x 2-Channel Upgrade converts an Océ Arizona 1240 XT to Océ Arizona 1280 XT adding White ink and/or Varnish capacity for backlit and non-white media applications and adding Light Cyan and Light Magenta for near photo quality and fine-art printing.
	Adding the APMS (Automatic Printhead Maintenance System) 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).

DISCLAIMER
All specification are subject to change without prior notice
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Océ VariaDot is a registered trademark of Océ Technologies B.V.
ONYX is a registered trademark, and ONYX Thrive is a trademark, of ONYX Graphics, Inc.

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Sales Start Date: January 2016

Product Details:

Product Name	Mercury Code	EAN Code
ARIZONA 1240 XT	1025C001AA	

Measurement / Logistic Information:

Product Name	Mercury code	Pack type	Pack description	Quantity per pack	Length (cm)	Width (cm)	Height (cm)	Gross Weight (kg)
ARIZONA 1240 XT	1025C001AA	EA	Each	1	483	229	224	2480

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