

# Océ Arizona 1280 XT

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The Océ Arizona 1280 XT offers uncompromising photo-like image quality with remarkable application versatility.

Building on its market-leading predecessor, the new Océ Arizona® 1280 XT extra-large true flatbed printer offers unparalleled image quality alongside outstanding versatility across both flexible and rigid media applications.



## BENEFITS/USPS

- 8 channel VariaDot™ imaging technology for near-photo quality and application versatility
- Varnish and White ink support for decorative and creative applications
- Light Magenta and Light Cyan support for superb near-photo print quality
- Extra-large flatbed architecture with additional Roll Media Option
- Excellent productivity with output speeds of up to 35m<sup>2</sup> 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

# Technical Specifications

# Océ Arizona 1280 XT

## PRINTER

|                          |   |
|--------------------------|---|
| <b>Machine type</b>      | Mid-volume UV flatbed printer   |
| <b>Printing method</b>   | Piezoelectric inkjet  |
| <b>Number of nozzles</b> | 8-channel piezoelectric inkjet system with one 636-nozzle, variable droplet printhead per channel.  |
| <b>Ink configuration</b> | CMYKcm/CM WW/V  |
| <b>Image technology</b>  | Piezoelectric inkjet system with variable droplet printheads  |
| <b>Print resolution</b>  | 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

|                                   |      |
|-----------------------------------|------|
| <b>Express</b>                    | 35   |
| <b>Production</b>                 | 21.1 |
| <b>Quality</b>                    | 14.6 |
| <b>Quality-layered (2 layers)</b> | 7.3  |

## INK SYSTEM

|               |   |
|---------------|---|
| <b>Colors</b> | Océ IJC255 or Océ IJC257 UV-curable inks packed in quick-change, 800 ml / 2 litre bags in: Black, Cyan, Magenta, Yellow, Light Cyan, Light Magenta. White and Varnish packed in 1 litre bags. |
|---------------|---|

## SYSTEM DESIGN

|                                      |   |
|--------------------------------------|---|
| <b>True Flatbed</b>                  | True flatbed for rigid media printing with available Roll Media Option for flexible media printing  |
| <b>Rigid media maximum area</b>      | 308 cm x 250 cm (320 x N cm permitted w/308 cm vacuum)  |
| <b>Rigid media maximum thickness</b> | 50,8 mm   |
| <b>Rigid media print area</b>        | Up to: 309 cm x 251 cm (321 x N cm permitted w/308 cm vacuum) (for edge-to-edge printing)   |
| <b>Rigid media maximum weight</b>    | Up to 34 kg/m <sup>2</sup>  |
| <b>Roll media specifications</b>     | 90 cm 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

|   |   |
|---|---|
| <b>Number and Placement</b>             | 5 pneumatic operated pins per vacuum zone / 10 pins total |
| <b>Media size range for pin support</b> | 60 cm x 80 cm (min) to 305 cm x 250 cm (max)              |

## GEOMETRIC ACCURACY FLATBED

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

## GEOMETRIC ACCURACY ROLL MEDIA OPTION

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

## INTERFACE & SOFTWARE

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

## OPERATING ENVIRONMENT

|  |  |
|--|--|
| <b>Electrical</b>                            | 2 X 200-240 VAC, 50/60 Hz, Single-phase, Rated Current: 16A, Circuit Breakers: Europe: 16A, ROW: See CB Scheme Report  |
| <b>Compressed Air (supplied by customer)</b> | 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 |
| <b>Temperature</b>                           | Temperature: 18° to 30° C  |
| <b>Relative humidity</b>                     | Relative humidity: 30 to 70% (non-condensing)  |
| <b>Room Ventilation</b>                      | Ventilation: 1,200 m <sup>3</sup> per hour minimum (see Site Preparation Guide)  |
| <b>Altitude</b>                              | 2,750 m maximum, however some components specify a limit of 2,000 m  |
| <b>Dimensions</b>                            | Printer only: 4.66 m x 3.83 m, 1.625 kg<br>Printer + Roll Media Option: 4.66 m x 4.12 m, 1.800 kg<br>Table height: 0.88 m / Overall height: 1.3 m                      |

## CONSUMABLES

[mediaguide.oce.com](http://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

|                     |   |
|---------------------|---|
| <b>Options</b>      | Add a Roll Media Option to the printer at any time<br>Add a Static Suppression Kit to the printer at any time<br>Add an Automatic Printhead Maintenance System to the printer at any time                                     |
| <b>Upgrade path</b> | 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 specifications are subject to change without prior notice.  
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Sales Start Date: January 2016

## Product Details:

| Product Name    | Mercury Code | EAN Code |
|-----------------|--------------|----------|
| ARIZONA 1280 XT | 11025C003AA  |          |

## Measurement / Logistic Information:

| Product Name    | Mercury code | Pack type | Pack description | Quantity per pack | Length (cm) | Width (cm) | Height (cm) | Gross Weight (kg) |
|-----------------|--------------|-----------|------------------|-------------------|-------------|------------|-------------|-------------------|
| ARIZONA 1280 XT | 1025C003AA   | EA        | Each             | 1                 | 483         | 229        | 224         | 2480              |