

Océ Arizona 2280 GT

Stunning print quality, versatility and speed, all from the true flatbed Océ Arizona 2280 GT

The new Océ Arizona® 2280 GT true flatbed printer offers superb print quality, versatility and reliability for higher capacity mid-volume print producers.



BENEFITS/USPS

- True flatbed design, with 125 cm x 250 cm print area and optional Roll Media support for overnight printing on flexible media
- 8-channel Océ VariaDot™ piezoelectric imaging technology for stunning print quality, speed and application versatility
- Excellent productivity with output up to 58.7 m²/hr
- Built for even greater capacity: ideal for print producers with a throughput of at least 10,000 m²/year, or peak jobs above 800 m²/week
- New low-energy UV curing system for printing on thin and heat sensitive media
- Simple and precise media positioning thanks to pneumatic registration pins
- Automated Printhead Maintenance System as standard, 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

PRINTER

Machine type	Mid-volume UV flatbed printer
Printing method	Piezoelectric inkjet
Number of nozzles	8-channel piezoelectric inkjet system with two 636-nozzle, variable droplet printhead per channel.
Ink configuration	CMYK cm WW, or CMYK cm WV, or CMYK CM WW, or CMYK CM WV
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 colours. 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	57.6
Production	36.7
Quality	26.0
Quality-layered (2 layers)	13.0

INK SYSTEM

Colors	Océ IJC255 or Océ IJC257 UV-curable inks packed in quick-change, 3 litre bags for: Black, Cyan, Magenta, Yellow, Light Cyan, Light Magenta. White and Varnish packed in 1 litre bags.
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SYSTEM DESIGN

True Flatbed	True flatbed for rigid media printing with available Roll Media Option for flexible media printing
Rigid media maximum area	125 cm x 250 cm
Rigid media maximum thickness	50.8 mm
Rigid media print area	Up to: 126 cm x 251 cm (for edge-to-edge printing)
Rigid media maximum weight	Up to 34 kg/m ²
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)
Roll Media Print Width	Up to 219 cm
Automatic Printhead Maintenance System (AMS)	The AMS (Automatic Printhead Maintenance System) 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)

PIN REGISTRATION

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

GEOMETRIC ACCURACY FLATBED

Line width	±0.8 mm max error, measured over 2.5 m
Line length	±0.4 mm max error, measured over 1.25 m
Line straightness/width	0.7 mm max error, measured over 2.5 m
Line straightness/length	0.5 mm max error, measured over 1.25 m
Diagonal Error	1.0 mm max error, measured over 2.5 m x 1.25 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
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 m ³ 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: 5.0 m x 2.0 m, 825 kg Printer + Roll Media Option: 5.0 m x 2.3 m, 1000 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
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OPTIONS & UPGRADE PATH

Options	Add a Roll Media Option to the printer at any time Add a Static Suppression Kit to the printer at any time
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DISCLAIMER

All specification are subject to change without prior notice
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