Océ Arizona 500

Now with Print & Go accessory and infrared drying system

The new Océ Arizona 500, now configured with Print & Go accessory and infrared (IR) drying system, is a 75-inch wide, production-grade inkjet printer for outdoor applications. With print speeds of up to 500 square feet per hour (250 square feet per hour in 4-pass production mode), plus an apparent 600 dpi output, the Océ Arizona 500 offers high speed, high quality and outdoor durability. The self-contained design keeps the print area clean and minimizes solvent fume exposure. The Print & Go accessory provides roll-to-sheet capability for immediate print availability. The new IR drying system speeds drying and increases the choices of media that can be used.

The Océ Arizona 500 uses solvent-based pigmented inks, and can print on a variety of roll-based uncoated vinyl media. Choose media from one of our Cooperative Media Marketing Program (CMMP) participating members, for media that has been tested, certified and profiled.

The Océ Arizona 500 produces exceptional quality output, from big, vivid graphics to small text — even reversed text on four-color black.

Océ Arizona 500 features

■ High speed printing with 504 nozzles per color (total of 3,024 nozzles) and speeds up to 500 square feet per hour, 250 square feet per hour in production mode

■ High quality output with apparent 600 dpi (309 dpi addressable) using ColorBlend™ Technology; widens the color gamut, and provides overall smoothness

■ Self-contained and ventilated system ensures the print area is free of airborne dust, and minimizes operator exposure to ink fumes

■ Print & Go accessory provides roll-to-sheet capability, enabling immediate access to printed graphics without the need to un-web the printer

■ New infrared (IR) system speeds the drying process

■ Automated maintenance routines reduce typical manual maintenance functions

■ Auto-Gap Control for optimal output quality

■ Stepper motors ensure highest media feed accuracy

■ Proven piezo print heads are designed for high-speed production printing

■ Hot-Swap ink delivery for on-the-fly ink bottle replacement

■ Two-sided manual printing capability

■ Accepts media from 36 inches to 75 inches wide

Océ Arizona 500 specifications

Writing technology
Piezoelectric inkjet with 504 nozzles per color, six colors (Black, Cyan, Light Cyan, Magenta, Light Magenta, Yellow)

Resolution
600 dpi apparent (309 dpi addressable)

Print speed/mode
Up to 500 ft² per hour in 2-pass mode (draft or billboard)
Up to 250 ft² per hour in 4-pass mode (production)
Up to 125 ft² per hour in 8-pass mode (high quality)

Enclosed system
Self-contained to speed drying, ensures the print area is free of airborne dust, and minimizes operator exposure to ink fumes

Auto-gap control
Controls the gap between the printhead and the substrate, for consistent, accurate dot placement

Stepper motors
Adjust for variations in media transport due to normal stretching; ensures highest accuracy up to 20 microns

High-speed drying systems
Built-in drying system ensures prints are ready for immediate application or finishing

Infrared system targets specific areas to ensure proper drying

Hot swap ink delivery
Uses an intermediate reservoir, enabling ink bottles to be swapped without stopping the printer

Duplex printing
Media feed and take-up path design enable manual re-feeding of the printed media, for duplex printing on select substrates

Inks[1]
Océ Arizona 500 Vivid Inks, available in Black, Cyan, Light Cyan, Magenta, Light Magenta and Yellow; solvent-based pigmented inks, packaged in 32 ounce bottles

Color handling
ColorBlend Technology for overall smoothness and increased detail in light to mid-tone colors

Image processing
18GB on-board hard drive; accepts proprietary bit-level image data; Onyx PosterShop® Server color production software available as an option

Media
Type:	Variety of uncoated vinyl films; CMMP-approved media recommended
Handling:	roll-fed, reel-to-reel using internal take-up system; roll-to-sheet with Print & Go accessory
Width:	Minimum 36" (3'); Maximum 75" (6', 3")

Image width
Width of media less 1.04"

Connectivity
SCSI-2 for long length (40 feet) communications; Centronics Parallel; RS-232 Serial port

Physical
Electrical:	208–240V, 40 amps, 50–60 Hz, dedicated circuit for printer only; 110V for external take-up
Size (W × H × D):	138" × 57" × 44", printer only
Weight:	2,410 lbs., printer only
Width:	Minimum 36" (3'); Maximum 75" (6', 3")

1-Safety precautions required when handling inks. Contact Océ Display Graphics Systems for MSDS.

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