

# Océ Arizona T220 Specifications



## Océ Arizona T220

### *Flatbed Printer for Outdoor-Durable Rigid or Flexible Applications*

The Océ Arizona T220 flatbed inkjet printer uses piezo printing technology and solvent-based inks to produce outdoor-durable output. It can print directly onto rigid and flexible substrates up to 62 inches wide by 120 inches long by 2 inches thick. The Océ Arizona T220 holds substrates stationary while the print head assembly moves across to create the print, eliminating image skew problems associated with manual-fed systems. It can print full bleeds, saving time and labor costs in finishing.

With four print heads per color, the Océ Arizona T220 can produce prints at a true production speed of up to 180 square feet per hour. It includes our unique Océ ColorBlend™ super-CMYK technology, for an apparent resolution of 600 dpi.

The Océ Arizona T220 uses solvent-based pigmented inks, and can print directly onto a variety of uncoated or coated rigid or flexible substrates such as foam-core style mounting board, vinyl, tile, PVC sheets, carpet, window shades and more.

#### Océ Arizona T220 Features

- Prints directly to a variety of uncoated or coated rigid or flexible substrates
- True production print speeds of up to 180 square feet per hour
- Vacuum system holds media stationary on a flat surface
- Full bleed printing capability
- High quality output with apparent 600 dpi (309 dpi addressable) using Océ ColorBlend technology
- Automated maintenance routines reduce typical manual maintenance functions
- Linear encoders ensure highest dot placement accuracy
- Proven piezo print heads are designed for high-speed production printing
- Hot-Swap Ink Delivery for on-the fly ink bottle replacement
- On-board 18GB hard drive for reprinting without reprocessing
- Low Voltage Differential SCSI-2 for communication from host computer from up to 40 feet
- Winner *DIMA Innovative Digital Product 2003*, and *DIMA Creative Application 2003*



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## 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<sup>1</sup>

Up to 180 ft<sup>2</sup> per hour in 4-pass mode

Up to 90 ft<sup>2</sup> per hour in 8-pass mode

## Accuracy Control

Linear Encoders ensure highest dot placement accuracy

## Hot Swap Ink Delivery

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

## High Speed Drying System

Built in drying system ensures prints are ready for immediate application

## Color Handling

ColorBlend Technology for overall smoothness and increased detail in light to mid-tone color

## On Board Hard Drive

18GB

## Inks<sup>2</sup>

Océ Arizona T220 Inks available in Black, Cyan, Light Cyan, Magenta, Light Magenta and Yellow; solvent-based pigmented inks, packaged in 32 ounce bottles

## Image Processing

Accepts proprietary bit-level image data; Onyx Graphics Color Production Software (RIP) available as an option

## Media

Accepts a variety of coated or uncoated rigid or flexible substrates

Handling: flat, cut-sheet direct imaging process

Max. Media Size: 62" W x 120" L x 2" T

Max. Image Size: 62.5" W x 120.5"

## Connectivity

SCSI-2 for long length (40 feet) communications; Ethernet TCP/IP; Centronics Parallel; RS-232 Serial port

## Electrical Requirements<sup>3</sup>

Printer: 230V, 30 amps, three-phase, 47-63 Hz, dedicated circuit, 24-hour service

Vacuum Pump: 230 VAC, 30 amps, three phase, 50-60 Hz

## Compressed Air<sup>3</sup>

70 psi pressure, 1 cfm minimum flow; must flow through air prep unit with the following: 5 micron element c/w auto drain; coalescing filter with 99.97% efficiency c/w auto drain; and a regulator c/w gauge

## Physical

Table Size: 70.5" W x 35" H x 168" L

Gantry Size: 36" W x 120" L

Vacuum Pump: approx. 24" W x 24" H x 24" L

Weight: approx. 1,800 lbs.

<sup>1</sup>-Print speed varies depending on media and ink coverage.

<sup>2</sup>-Safety precautions required when handling inks. Contact Océ Display Graphics Systems for MSDS.

<sup>3</sup>-Pre-installation Site Survey required. Contact Océ Display Graphics Systems for documentation.



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