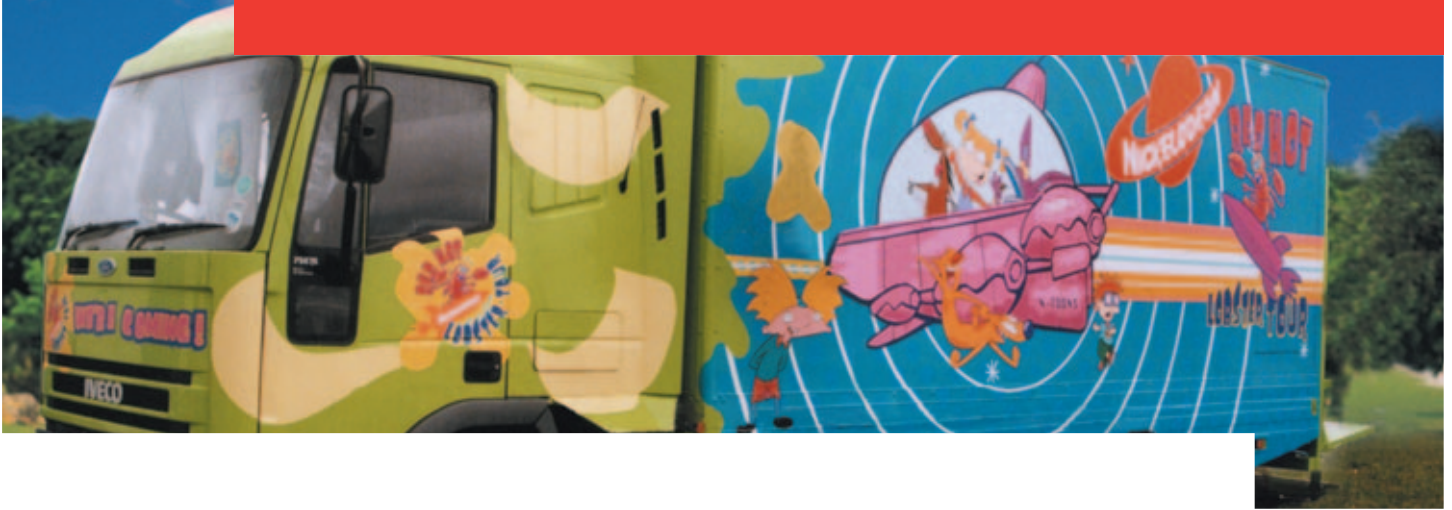# Océ | Arizona 180 Specifications

Océ Arizona 180

#1 *Production Inkjet Printer for Outdoor Durable Applications*

The Océ Arizona 180 Digital Screen Press is the world's most popular production inkjet printer for wide format outdoor graphics. More than 1,100 have been shipped worldwide* since its introduction in October 1998. The Océ Arizona 180 produces outdoor-durable prints for various applications including vehicle wraps, truckside graphics, and brilliant full color banners.

The Océ Arizona 180 is a 54-inch wide piezoelectric inkjet printer that uses special 3M inks and media designed for outdoor applications. Its solvent inks print directly on vinyl banners, window perf, floor graphics, a variety of adhesive-backed materials, and more. Since the Océ Arizona 180 uses piezo inkjet technology, there are no expensive ink cartridges to worry about. Backed by the best warranty in the business from 3M Commercial Graphics[1], Océ Arizona 180 prints resist fading and are guaranteed for up to three or five years outdoors.

* Océ Arizona 180 shipments as of February 2002.

Océ Arizona 180 Features

The number one production outdoor inkjet printer in use worldwide

Capable of printing directly to a variety of vinyl films; when matched with select 3M vinyl films, output is covered by 3M Matched Component System Warranty[1] for up to 3 years outdoors unlaminated, or 5 years outdoors laminated

Capable of producing Scotchprint® Graphics[1] prints

A production inkjet, with a production print speed of 90 square feet per hour; some images can be printed at 180 square feet per hour

Capable of printing to select paper media from Océ Display Graphics Systems

Set up with ColorBlend™ 6-color (Super-CMYK) printing technology for near-continuous tone printing

A low-cost way to print short runs—cost-comparable to screen printing

océ

Océ Arizona 180 specifications

Printing Method
Drop-on-demand piezoelectric inkjet with 384 nozzles
(3 × 128 print heads) per color

Print Area
Width up to 52.28 inches
Length up to 1 roll of media

Resolution (dpi)
600 apparent (309 addressable)

Print Speed[2]
Production printing speed up to 90 ft² per hour
Select images / media capable of printing up to 180 ft² per hour

Inks[3]
3M™ Scotchcal™ Piezo Ink Jet Inks Series 6700, or Océ Arizona 1700 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

Media/Roll
Variety of vinyl films, including media available from 3M Commercial
Graphics; paper media available from Océ Display Graphics Systems

Image Processing
Accepts proprietary bit-level image data; Onyx PosterShop® Color
Production Software (RIP) available

Internal Buffer
9 GB internal hard disk

Power[4]
208-240V, 30 amp, single-phase, 60 Hz

Venting[4]
Requires venting to outside source at 2,000-4,000 feet per minute through
customer-supplied 4-inch duct

Dimensions (H x W x D)
56.25" × 80.5" × 26"

Weight
800 pounds, uncrated, printer only

Agency Compliances
UL, C-UL, FCC-A, CE, VCCI-1, VDE, CB Scheme

1-Certain restrictions apply. Contact 3M Commercial Graphics for more information.

2-Print speed varies depending on media and ink coverage.

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

4-Pre-installation Site Survey required. Contact Océ Display Graphics Systems for documentation.

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