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CANON SOLUTIONS AMERICA

CANON SEE IMPOSSIBLE

PRODUCTIVE RIGID MEDIA PRINTING

The New Speed of Quality:
Océ Arizona 6100 Series UV Flatbed Printers

Purpose-built for higher-volume printing environments

Your business shouldn't be limited by the speed of your flatbed printer. With either the Océ Arizona® 6160 XTS or the Océ Arizona 6170 XTS printer, you can produce Arizona quality results at speeds of up to 1,668 ft.²/hour (see Figure 1). The ease-of-use and versatility synonymous with the Océ Arizona printers is apparent in this extra-large table design that offers continuous print production of standard size rigid media, reducing operator intervention and increasing revenue growth potential.

océ
A CANON COMPANY

Features

- Oversize 8 × 10 foot maximum print area also supports two independent 4 × 8 foot print zones

- Print speeds of up to 1,668 sq. ft. per hour with high print quality and density

- Six or seven independent ink channels with built-in support of an additional ink channel for future applications

- Pneumatic registration pins for quick, precise loading of rigid media in either of the two independent 4 × 8 foot print zones

- An Ink Channel Upgrade Option for the Océ Arizona 6160 XTS adds White Ink printing capability

- Built-in White Ink printing with the Océ Arizona 6170 XTS

- Introducing light magenta and light cyan inks to provide optimized print quality at high speeds

- Seven user-selectable vacuum zones and high-flow/high-pressure vacuum system for effective pull-down of varying sizes and types of substrates

- Automated Printhead Maintenance System enables color-independent, "hands-free" cleaning of printheads in only 25 seconds per color

Océ VariaDot technology

Océ VariaDot® technology features award-winning image quality suitable for POP/POS production, backlit images, exhibition graphics, industrial applications, and more to meet your diverse customer needs.

The Océ VariaDot technology available in every Océ Arizona printer simultaneously jets small 6, 12, and 18 picoliter droplets for the production of sharp images and smooth quarter tones, as well as larger 24, 30, 36, and 42 picoliter droplets for the production of dense, uniform solid colors. The result is near-photographic quality with sharpness only before seen at resolutions of 1,440 dpi or higher. The Océ Arizona 6100 XTS printers take Océ VariaDot technology even a step further with the introduction of light magenta and light cyan inks that deliver our highest quality yet.

FIGURE 1: OCÉ ARIZONA 6100 SERIES — COMMON PRINT MODES AND SPEEDS	
MODE	FT.²/HOUR*
Express	1,668
Production	1,076
Quality	775

*Quoted print speeds are based on print time from first to last pixel printed utilizing maximum image area. Specifications subject to change without notice.

TECHNOLOGY

Print resolution	6 – 42 picoliters resulting in near-photographic image quality capable of perfect 6 pt. text
Writing technology	Piezoelectric inkjet using Océ VariaDot grayscale imaging technology; 6 × 636 nozzle printheads per channel: • 22,896 nozzles (Océ Arizona 6160 XTS printer) • 26,712 nozzles (Océ Arizona 6170 XTS printer)
Ink system	Océ IJC261 Black, Cyan, Magenta, Yellow, Light Cyan, Light Magenta UV curable inks packaged in three liter, quick-exchange pouches. White Ink packaged in two liter, quick-exchange ink pouches.
System design	True flatbed architecture for optimized printing on rigid media, sheet media, or objects

RIGID MEDIA SUPPORT

Maximum media size	98.4" × 120" × 2.0" (2.5 m × 3.05 m × 50.8 mm)
Maximum print area	98.8" × 120.5" (2.51 m × 3.06 m), edge-to-edge printing (full bleed)
Media weight	Up to 7 lbs./ft.^{2} (34 kg/m^2)
Pin registration system	5 pins per print zone/10 pins total Supported media size for pin registration: Min. 23.6" × 31.5" (60 × 80 cm) to Max. 98.4" × 120" (250 × 305 cm)

GEOMETRIC ACCURACY

	Measured over	Max error
Line width	2.5 m	±0.8 mm
Line length	3.05 m	±1.0 mm
Line straightness/width	2.5 m	0.7 mm
Line straightness/length	3.05 m	0.7 mm
Diagonal error	3.05 × 2.5 m	1.0 mm

INTERFACE AND SOFTWARE

Connectivity	10/100/1000 Base-T
Image processing	ONYX® Thrive™ v11.1 or greater

OPERATING ENVIRONMENT

Power requirements	3-phase, 50/60 Hz, 200 to 240 VAC, 30A (Delta) or 3-phase, 50/60 Hz, 347 to 415 VAC, 20A (Wye)
Compressed air (supplied by customer)	Regulated, clean, dry air by use of: • Coalescing filter, air regulator (set to 105 psi), ½" OD air tubing — connects regulator to printer Flow requirements: • Maximum pressure: 120 psi (827 kPa) • Peak flow: 12 ft.^{3}/m at 100 psi (340 l/m at 690 kPa) • Continuous flow: 1 ft.^{3} at 100 psi (28 l/m at 690 kPa)
Temperature	64° to 86° F (18° to 30° C)
RH	30 – 70%, non-condensing (certain media may require a smaller RH operating range)
Operating altitude	6,560 feet (2,000 m) above sea level

SIZE & WEIGHT

Printer dimensions	225.2" × 189.8" (5.72 × 4.82 m)
Printer weight	4,784 lb. (2,170 kg)
Table height	35.2" to 36.0" (0.895 to 0.915 m)
Overall height	58.3" (48 m)

OPTIONS

1-channel upgrade	Converts the Océ Arizona 6160 XTS printer to an Océ Arizona 6170 XTS printer (adds White Ink capability)

SERVICE & SUPPORT

Service & support	Canon Solutions America offers several contract options tuned to your individual needs to ensure the highest printer uptime.

WHY CANON SOLUTIONS AMERICA.

Canon Solutions America recommends forward-thinking strategies to achieve the highest levels of information management efficiency for your unique business needs. Using superior technology and innovative services, we then design, implement, and track solutions that improve information flow throughout your organization in environmentally conscious ways, resulting in greater productivity and reduced costs.

There are many reasons why you should choose Canon Solutions America as your provider for document management solutions. Benefits include:

- A Canon U.S.A. Company
- Business Services
- Professional Services
- Global Capabilities
- Certified Training and Support
- Flexible Finance Options
- Single-Source Solutions Provider

- Managed Document Services
- Nationwide Coverage
- Customized Industry Solutions
- Genuine Canon and Océ Parts and Supplies
- Diverse Range of Input-to-Output Technology

But that's not all. As a company that is dedicated to your needs, we support our solutions with highly skilled professionals and advanced diagnostic systems to maintain peak performance. And with ongoing consultation, we can further your document management capabilities to ensure the highest level of satisfaction and productivity.

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