CANON SOLUTIONS AMERICA

CANON SEE IMPOSSIBLE

FLATTEN YOUR BOARDS… NOT YOUR PROFITS

Océ Arizona 6100
High Flow Vacuum (HFV) Series Printer

Corrugated and plywood printing

Printing on corrugate boards and plywood panels, which are never flat, is challenging. You've had two options: tape down boards to avoid damaging print heads or raise the carriage height and sacrifice print quality.

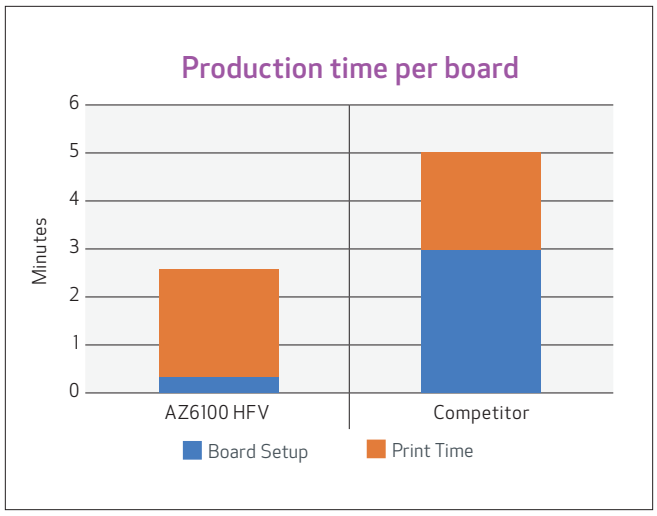
Introducing the Océ Arizona® 6100 HFV series printer with the innovative High Flow Vacuum, which easily pulls down porous, warped substrates in the blink of an eye. Now you can successfully create challenging packaging, display, and interior décor applications like never before.

The Océ Arizona 6100 HFV series printer was developed to streamline production of:

- Short-run Packaging
- Package Prototyping
- Temporary POP Displays
- Printed Plywood Panels

Reduce production times by 50% or more

The measures taken to restrain warped boards for printing can result in setup times that are longer than the time it takes to print the board. On current flatbed systems, taping down an unruly 4 x 8 foot plywood board can take more than three minutes, while printing it on an Océ Arizona 6100 series printer with High Flow Vacuum takes less than two minutes. As a result, the total production time to produce 30 4 x 8 foot boards on an Océ Arizona 6100 HFV series printer would be less than an hour, while on systems that require boards to be taped down — just the time needed to tape down the 30 boards — could be well over an hour.



Features

This award-winning system combines the following:

- High Flow Vacuum producing up to 15 times the airflow of existing systems.
- New table with 250,000 air holes for maximum hold down.
- A productive pneumatic pin registration system for quickly and accurately loading boards.
- Oversized 8.1 foot x 10.1 foot maximum print area.
- Print speeds of up to 1,668 sq. ft. or 33 boards per hour with high print quality and density.
- Automated Printhead Maintenance System for "hands-free" cleaning of printheads.
- Océ VariaDot® technology featuring award-winning image quality, which is capable of producing sharp image detail and dense uniform solid colors.
- Built-in White Ink printing with the Océ Arizona 6170 HFV printer.
- Introducing light magenta and light cyan inks to provide optimized print quality at high speeds.

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 HFV 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.

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 x 636 nozzle printheads per channel: • 22,896 nozzles (Océ Arizona 6160 HFV printer) • 26,712 nozzles (Océ Arizona 6170 HFV printer)		
Ink System	Océ IJC261 and IJC262 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		
Print Modes and Speeds*	Express: 1,668 ft.^{2}/hr.; Production 1,076 ft.^{2}/hr.; Quality 775 ft.^{2}/hr.		
RIGID MEDIA SUPPORT			
Maximum Media Size	98.4" x 126" x 1.0" (2.5 x 3.2 x 25.4 m)		
Maximum Print Area	98.8" × 126.4" (2.51 × 3.21 mm), edge-to-edge printing (full bleed)		
Media Weight	Up to 7 lb./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" x 31.5" (60 x 80 cm) to max. 98.4" x 120" (250 x 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 x 2.5 m	1.0 mm	
INTERFACE AND SOFTWARE			
Connectivity	10/100/1000 Base-T		
Image Processing	ONYX® Thrive™ v12.2 or greater		
OPERATING ENVIRONMENT			
Power Requirements	Printer: 3-phase, 50/60 Hz, 200 to 240 VAC, 20A (Delta) or 3-phase, 50/60 Hz, 347 to 415 VAC, 11A (Wye) Pumps: 3-phase, 208VAC, 60 Hz, 45A/phase Delta OR 400VAC, 50 Hz, 20A/phase Wye, 10kW max		
Compressed Air (Supplied by Customer)	Regulated, clean dry air by use of: • Coalescing filter, air regulator (set to 105 psi), 1/2" 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: 2 ft.^{3}/m at 100 psi (28 l/m at 690 kPa)		
Temperature	65° 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 AND WEIGHT	Printer		High Flow Vacuum Pump Enclosure
Dimensions	225.2" x 189.8" (5.72 x 4.82 m)		94.1" x 29.8" x 29.9" (2.39 x .76 x .76 m)
Weight	4,784 lb. (2,170 kg)		1,378 lb. (625 kg)
Table Height	35.2" – 36" (.895 – .915 m)		NA
Overall Height	58.3" (48 m)		NA
OPTIONS			
1-channel Upgrade	Converts the Océ Arizona 6160 HFV printer to an Océ Arizona 6170 HFV printer (adds White Ink capability)		
SERVICE AND SUPPORT			
Service and Support	Canon Solutions America offers several contract options turned to your individual needs to ensure the highest printer uptime.		

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

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 while considering the environment, helping to result 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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