

REVOLUTIONARY UV
LED INKJET PRINTER

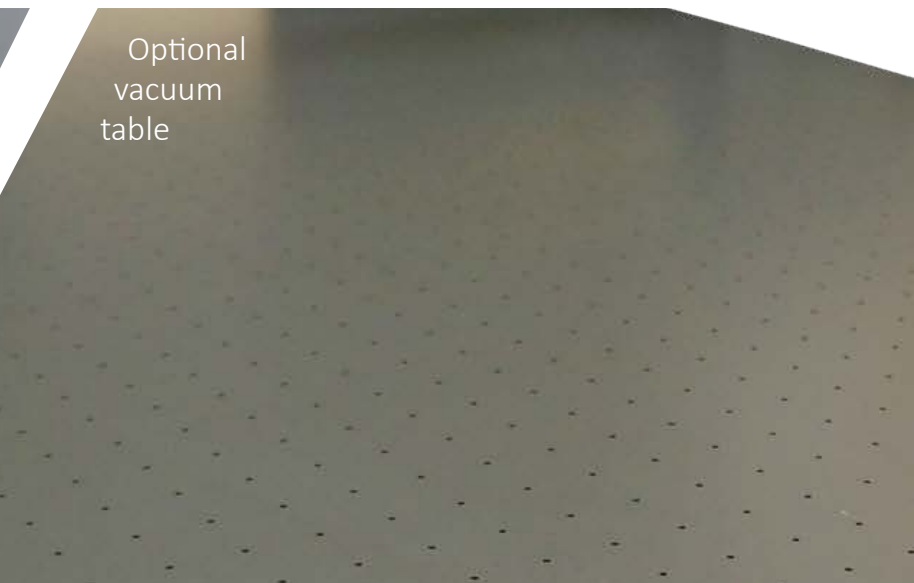
MASON



ATLANTIC
TECH SERVICES



NEW GENERATION OF AZON WIDE FORMAT UV LED MACHINES



DESIGNED TO MEET THE DEMANDS OF HIGH VOLUME OPERATIONS

Azon Mason is the new generation of Azons UV LED machines which accommodate a wide range of materials like PET, ABS, polycarbonate, TPU, wood, stone, glass, canvas, ceramic, leather and other soft materials on printable surface 590 x750 mm. It can print up to 100 mm height. Designed to meet demands of high volume operations, Azon Mason is ideal for printing fine details on flat and slightly curved surfaces. Azon Mason technology delivers photo- image quality in all print models thanks to its resolution of 2880 dpi. Outstanding durability of UV LED pigmented inks are securing rich special effects created by 3-dimensional layers of gloss ink.

NEW VIBRANT AND COLORFUL UV TURBOJET INKS

To meet customers' business requirements, ink configuration comes in two options: CMYK+ 4x White or CYMK+2x White + 2x Gloss. New UV TurboJet inks which are available only for the new Azon Mason are improving the quality of print and prolong the lifetime of the print head. Vibrant and colorful prints can be expected on any type of material: stone, glass, wood, plastic, and canvas regardless for indoor or outdoor use. The versatility of white ink as a base for high-density CMYK layer delivers unusual and creative textures on all materials.

ADVANCED AZON RIP SOFTWARE FOR UNIQUE SPECIAL EFFECTS

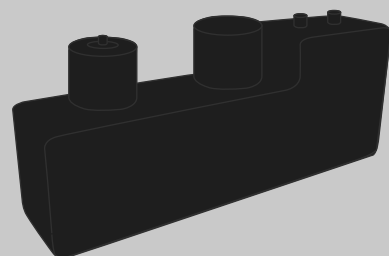
Azonprinter launched the perfect fit, so far a complete full-featured Azon RIP software and it is offering different features, tools, and add-ons. Printing up to 5 layers in inline mode depending on resolution, fading and changing the number of used nozzles, creating emboss or raised print allows customers to print any ADA- compliant and Braille script standard requested. Azon RIP software decreases needs for Illustrator, CorelDraw, Photoshop and so much more. The software allows users to instantly choose the proper settings for their most popular applications which dramatically increase the printer's productivity and overall performance.


SOPHISTICATED BULK- INK SYSTEM

Azonprinter incorporated six specially designed bulk ink tanks with monitoring sensors which are built to meet the demands of high volume operations and named it Azon CONTI. Each tank holds 500 ml of ink which is extremely easy to handle and remove. New ink recirculation agitate white ink from and provides more consistent white layer. As a result, ink tanks can be refilled from ink bottles during operations, ink waste is minimized and you can print continuously without interruptions.

STABILITY AND RELIABILITY

Unlike the previous generation printers with the belt system, this machine has implemented servo motor and lead screw system, enabling the feed movement of the printed object with maximum accuracy. Azon Mason is combining more superior laser auto heights sensor adjustment which starts to adjust the position by moving the flat table back and forth until its surface reaches the height most suitable for operation. The high accuracy electronics improve and secure stability during the whole time of operating on Azon Mason.



Azon CONTI 
Six specially designed bulk ink tanks with monitoring sensors that increases printing capacity to great extent. Each tank holds 500 ml of ink and is extremely easy to handle, remove and refill.



AZON RIP and CONTI dramatically increase the printer's productivity and overall performance.



AZON RIP
Azon RIP offers different features, tools and add-ons and it allows users to instantly choose the proper settings for their most popular applications.



AZON MASON samples



UV
PROMOTIONAL



GLASS
PLASTICS
METAL
STONE
CERAMIC
WOOD



AZON MASON samples

Model			Azon MASON
Printing Method			Piezo ink-jet method
Acceptable Media			Width: Maximum 640 mm (24.8 in.)
			Lenght: Maximum 1200 mm (47.2 in.)
			Thickness: Maximum 100 mm (4 in.)
			Weight: Maximum 9 kg (20 lbs.)
Maximum printing size (WxD)			Maximum 590 mm x 750 mm (23.2 x 27.6 in.)
Ink bottles	Color	C, M, Y, K, W and G	
	Ink	Azon UV Inks- sealed, degassed bottles	
	Type	UV 500 cc bottles	
Print Resolution (dpi)			Maximum 2,880 dpi
Print direction			Unidirectional
Connectivity			Ethernet (10BASE-T/100BASE-TX, automatic switching)
Power requirements			AC 110 V +-10%, 1.05 A (50/60Hz)
Power consumption			During operation: Approximately 264 W
			During standby: Approximately 60.5 W
Printer dimensions (WxDxH)			1350 mm x 1250 mm x 820 mm (53.1 x 49.2 x 32.3 in.)
Weight			230 kg (507 lbs.)
Requested Environment	During operation	Temperature	20°C ~ 30°C (68°C to 86°F), (22°C / 72°F is recommended)
		Humidity	Humidity: 45% ~ 80% RH (no condensation)
	Not operating	Temperature	40°C ~ 30°C (64.4°F ~ 104 °F)
		Humidity	20% ~ 80% RH (no condensation)
	Dust level:		General office level
Accessories			Power cord, Ethernet cable, User documentation
Rip Software			Azon Rip



Implemented SERVO MOTOR and BALL SCREW SYSTEM, enabling the forward-backward movement of the printed object with maximum accuracy.



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