



**SPEC SHEET**

# ARIZONA 1300 SERIES

BRING IT ON

Arizona 1300 series printer speeds

PRINT MODE	ARIZONA 1300 GT/GTF/XTF SERIES MODELS			FLATBED		RMO
	ARIZONA 1340 PRINTER	ARIZONA 1360 PRINTER	ARIZONA 1380 PRINTER	GT/GTF MODEL	XTF MODEL	
				SQUARE FEET PER HOUR		SQUARE FEET PER HOUR
High-Key	●	●	●	547.9	568.3	415.5
Express	●	●	●	368.1	380.0	277.7
Production – Fast			●	271.3	278.8	202.4
Production	●	●	●	223.9	229.3	183.0
Quality	●	●	●	157.2	161.5	129.2
Quality – Matte	●	●	●	111.9	116.3	85.0
Quality – Density	●	●	●	85.0	88.3	67.8
Quality - Smooth	●*	●*	●*	85.0	88.3	67.8
Quality – Layered (2)		●	●	78.6	80.7	64.6
Quality – Layered (3)		●	●	51.7	53.8	43.1
Fine Art	●	●	●	125.9	128.1	102.3
High Definition	●	●	●	66.7	68.9	64.6
Varnish (High Gloss)		●	●	43.1	53.8	N/A

\*GTF/XTF only

# Arizona 1300 GT/GTF series models

TECHNOLOGY		
Print Resolution	Variable droplet sizes from 6 to 42 picoliters. The ability to vary the drop size to 6 picoliters produces sharp images with smooth gradients and quartertones. The ability to jet larger droplets up to 42 picoliters produces uniform colors. The result is near-photographic quality with sharpness only before seen at resolutions of 1,440 dpi or higher. Text as small as 2 pt. is highly legible (with High Definition mode).	
Printing Technology	4/6/8 channel piezoelectric inkjet system using VariaDot imaging technology; with one 636 nozzle variable droplet printhead per channel.	
Ink System	UV-curable inks IJC357 or IJC358 packed in quick-change, 2-liter bags for: Black, Cyan, Magenta, Yellow, Light Cyan, Light Magenta. White and Varnish** packed in 1-liter bags.	
System Architecture	True flatbed for rigid media printing with available Roll Media Option for flexible media printing.	
Ink Configurations	Arizona 1340 GT/GTF printer: CMYK Arizona 1360 GT/GTF printer: CMYK + WW/V Arizona 1380 GT/GTF printer: CMYK + WW/V + cm	
RIGID MEDIA SUPPORT		
Maximum Vacuum Area	49.2" x 98.4" (125 cm x 250 cm)	
Maximum Print Area	49.6" x 98.8" (126 cm x 251 cm) for edge-to-edge printing	
Maximum Thickness	2" (50.8 mm)	
Maximum Mass	7 lbs./ft. <sup>2</sup> (34 kg/m <sup>2</sup> )	
MEDIA		
Media Roll Specification	35.4" to 86.6" (90 cm to 220 cm); Up to 110 lbs. (50 kg; at any width). Maximum diameter: 9.45" (240 mm). Core: 3" (inside). Bias: Print-side in or print-side out. Most types (application dependent).	
Roll Media Print Width	Up to 86.2" (219 cm)	
GEOMETRIC ACCURACY		
	<b>Flatbed</b>	<b>Roll Media Option</b>
Line Width	± 0.03" over 98.43" (± 0.8 mm over 2,500 mm)	± 0.02 inches over 86.22 inches (± 0.6 mm over 2,190 mm)
Line Length	± 0.02" over 49.21" (± 0.4 mm over 1,250 mm)	± 0.06 inches over 78.74 inches (± 1.5 mm over 2,000 mm)
Line Straightness/Width	0.03" over 98.43" (0.7 mm over 2,500 mm)	0.03 inches over 86.22 inches (0.7 mm over 2,190 mm)
Line Straightness/Length	0.02" over 49.21" (0.5 mm over 1,250 mm)	0.08 inches over 78.74 inches (2.0 mm over 2,000 mm)
Diagonal Error	0.04 inch inches 49.21 x 98.43 inches (1.0 mm over 1,250 x 2,500 mm)	0.10 inches over 86.22 x 78.74 inches (2.5 mm over 2,190 x 2,000 mm)
INTERFACE AND SOFTWARE		
Job Automation	PRISMAguide XL	
Elevated Printing	PRISMAelevate XL*** and PRISMAguide XL	
Connectivity	100/1000 Base-T	
Image Processing	ONYX® Thrive™ v22 or later (421 configuration or greater recommended)	
OPERATING ENVIRONMENT		
Power Requirements	2 x 200–240 VAC, 50/60 Hz, single-phase, 16A per circuit. Circuit breakers: North America: 20A; Europe: 16A; ROW: See CB Scheme Report.	
Compressed Air (Supplied by Customer)	Clean, dry, compressed air using a Coalescing Filter. Pressure Regulator set to 690 kPa (100 psi) and connects air regulator to 0.5" or 12 mm OD air tubing. Peak flow: 57 L/min. at 690 kPa (2 cfm at 100 psi).	
Temperature	64°F to 86°F (18°C to 30°C); Relative humidity: 30 to 70% (non-condensing).	
Ventilation	1,200 m <sup>3</sup> per hour/700 cfm minimum (see Site Preparation Guide).	
Operating Altitude	9,020 ft. (2,750 m) maximum, however, some components specify a limit of 6,560 ft. (2,000 m).	
SIZE AND WEIGHT		
	<b>Printer Only</b>	<b>Printer and Roll Media Option</b>
Dimensions	183.5" x 78.7" (4.66 m x 2.0 m)	183.5" x 90.2" (4.66 m x 2.29 m)
Weight	GT: 1,871 lbs. (849 kg)      GTF: 1,777 lbs (806 kg)	GT: 2,423 lbs. (1,099 kg)      GTF: 1,975 lbs (896 kg)
Table Height	34.6" (0.88 m)	N/A
Overall Height	51.2" (1.3 m)	N/A
SOFTWARE		
PRISMAguide XL	PRISMAguide XL is a powerful design and workflow software application for Large Format Graphics Print Service Providers (PSP), that automates and simplifies advanced print job preparation, including added-value, multi-layered and double-sided print applications, capable of making high-quality quality print files.	
PRISMAelevate XL	PRISMAelevate XL is a sophisticated yet easy-to-use software application that enables Large Format Graphics designers and Print Service Providers (PSPs) to create tactile print applications and produce outstanding-quality elevated prints and so enhance and expand their product offering.	

# Arizona 1300 XTF series models

TECHNOLOGY		
Print Resolution	Variable droplet sizes from 6 to 42 picoliters. The ability to vary the drop size to 6 picoliters produces sharp images with smooth gradients and quartertones. The ability to jet larger droplets up to 42 picoliters produces uniform colors. The result is near-photographic quality with sharpness only before seen at resolutions of 1,440 dpi or higher. Text as small as 2 pt. is highly legible (with High Definition mode).	
Printing Technology	4/6/8 channel piezoelectric inkjet system using VariaDot imaging technology; with one 636 nozzle variable droplet printhead per channel.	
Ink System	UV-curable inks IJC357 or IJC358 packed in quick-change, 2-liter bags for: Black, Cyan, Magenta, Yellow, Light Cyan, Light Magenta. White and Varnish** packed in 1-liter bags.	
System Architecture	True flatbed for rigid media printing with available Roll Media Option for flexible media printing.	
Ink Configurations	Arizona 1340 XTF printer: CMYK Arizona 1360 XTF printer: CMYK + WW/V Arizona 1380 XTF printer: CMYK + WW/V + cm	
RIGID MEDIA SUPPORT		
Maximum Vacuum Area	121.3" x 98.4" (308 cm x 250 cm)	
Maximum Print Area	Up to 121.7" x 98.8" (309 cm x 251 cm) (126.38" x 98.8" permitted w/121.26" vacuum)	
Maximum Thickness	2" (50.8 mm)	
Maximum Mass	7 lbs./ft. <sup>2</sup> (34 kg/m <sup>2</sup> )	
MEDIA		
Media Roll Specification	35.4" to 86.6" (90 cm to 220 cm); Up to 110 lbs. (50 kg; at any width). Maximum diameter: 9.45" (240 mm). Core: 3" (inside). Bias: Print-side in or print-side out. Most types (application dependent).	
Roll Media Print Width	Up to 86.2" (219 cm)	
GEOMETRIC ACCURACY		
	<b>Flatbed</b>	<b>Roll Media Option</b>
Line Width	± 0.03 inches over 98.43 inches (± 0.8 mm over 2,500 mm)	± 0.02 inches over 86.22 inches (± 0.6 mm over 2,190 mm)
Line Length	± 0.02 inches over 49.21 inches (± 0.4 mm over 1,250 mm)	± 0.06 inches over 78.74 inches (± 1.5 mm over 2,000 mm)
Line Straightness/Width	0.03 inches over 98.43 inches (0.7 mm over 2,500 mm)	0.03 inches over 86.22 inches (0.7 mm over 2,190 mm)
Line Straightness/Length	0.02 inches over 49.21 inches (0.5 mm over 1,250 mm)	0.08 inches over 78.74 inches (2.0 mm over 2,000 mm)
Diagonal Error	0.04 inch inches 49.21 x 98.43 inches (1.0 mm over 1,250 x 2,500 mm)	0.10 inches over 86.22 x 78.74 inches (2.5 mm over 2,190 x 2,000 mm)
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Compressed Air (Supplied by Customer)	Clean, dry, compressed air using a Coalescing Filter. Pressure Regulator set to 690 kPa (100 psi) and connects air regulator to 0.5" or 12 mm OD air tubing. Peak flow: 57 L/min. at 690 kPa (2 cfm at 100 psi).	
Temperature	64°F to 86°F (18°C to 30°C); Relative humidity: 30 to 70% (non-condensing).	
Ventilation	1,200 m <sup>3</sup> per hour/700 cfm minimum (see Site Preparation Guide).	
Operating Altitude	9,020 ft. (2,750 m) maximum, however, some components specify a limit of 6,560 ft. (2,000 m).	
SIZE AND WEIGHT		
	<b>Printer Only</b>	<b>Printer and Roll Media Option</b>
Dimensions	183.5" x 150.8" (4.66 m x 3.83 m)	183.5" x 162.2" (4.66 m x 4.12 m)
Weight	3,706 lbs (1681 kg)	4,008 lbs (1818 kg)
Table Height	34.6" (0.88 m)	N/A
Overall Height	51.2" (1.3 m)	N/A
SOFTWARE		
PRISMAguide XL	PRISMAguide XL is a powerful design and workflow software application for Large Format Graphics Print Service Providers (PSP) that automates and simplifies advanced print job preparation, including added-value, multi-layered and double-sided print applications, capable of making instant high-quality print files.	
PRISMAelevate XL	PRISMAelevate XL is a sophisticated yet easy-to-use software application that enables Large Format Graphics designers and Print Service Providers (PSPs) to create tactile print applications and produce outstanding-quality elevated prints and so enhance and expand their product offering.	

\*\* IJC357 only

\*\*\* Availability Q2 2023



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