



# PRODUCTION PRINTING

*Access the Arizona Advantage*

# ARIZONA 135 GT



## Arizona 135 GT Spec Sheet



**The Arizona 135 GT is the smart choice that enables sign makers and print service providers to open up exciting new commercial opportunities. It provides easy access to the award-winning Arizona series: renowned for its incredible quality, impressive reliability and excellent Total Cost of Ownership.**

### **Access game-changing true flatbed printing**

This Arizona true flatbed printer is a real gamechanger that has been specifically designed to help you accelerate your business and increase profits by accessing the exciting growing market of Large Format Graphics flatbed applications. This new Arizona has been designed and configured to fit your needs with the professional quality you'd expect from us. The easy-to-use Arizona 135 GT is a smart investment from just 2,000 m<sup>2</sup> (20,000 ft<sup>2</sup>) per

year. With the ability to handle peaks of more than 100 m<sup>2</sup> (1,000 ft<sup>2</sup>) per week in a single shift operation, the Arizona 135 GT will provide unparalleled, sellable print quality at speeds of up to 34.2 m<sup>2</sup> (368.1 ft<sup>2</sup>) per hour on almost any rigid or flexible media. You too can now access the profitable commercial opportunities presented by the original, world-leading true flatbed printer. And with a low Total Cost of Ownership, this new Arizona is the smart choice if you are looking to access the next level for your business.

GENERAL																																																
Printing Technology	5 channel piezoelectric inkjet system using VariaDot imaging technology; with one 636-nozzle,variable droplet printhead per channel.																																															
Ink Configurations	CMYKW																																															
Resolution	Variable droplet sizes from 6 to 30 picoliters. The ability to vary the drop size to 6 picoliters produces sharp images with smoother gradients and quartertones. The ability to jet larger droplets up to 30 picoliters produces uniform colors. The result is exceptional photo-realistic print quality with sharpness only before seen at resolutions of 1,440 dpi or higher.																																															
Print Modes and Speeds	<table><thead><tr><th colspan="2">Flatbed</th><th colspan="2">RMO</th></tr></thead><tbody><tr><td>Express</td><td>34.2 m²/h</td><td>368.1 ft²/h</td><td>25.8</td><td>277.7</td></tr><tr><td>Production</td><td>20.8</td><td>223.9</td><td>17</td><td>183</td></tr><tr><td>Quality</td><td>14.6</td><td>157.2</td><td>12</td><td>129.2</td></tr><tr><td>Quality-Matte</td><td>10.4</td><td>111.9</td><td>7.9</td><td>85</td></tr><tr><td>Quality-Density</td><td>7.9</td><td>85</td><td>6.3</td><td>67.8</td></tr><tr><td>Quality-Layered (2)</td><td>7.3</td><td>78.6</td><td>6</td><td>64.6</td></tr><tr><td>Quality-Layered (3)</td><td>4.8</td><td>51.7</td><td>4</td><td>43.1</td></tr><tr><td>Fine Art</td><td>11.7</td><td>125.9</td><td>9.5</td><td>102.3</td></tr></tbody></table>				Flatbed		RMO		Express	34.2 m²/h	368.1 ft²/h	25.8	277.7	Production	20.8	223.9	17	183	Quality	14.6	157.2	12	129.2	Quality-Matte	10.4	111.9	7.9	85	Quality-Density	7.9	85	6.3	67.8	Quality-Layered (2)	7.3	78.6	6	64.6	Quality-Layered (3)	4.8	51.7	4	43.1	Fine Art	11.7	125.9	9.5	102.3
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Ink System	IJC357 UV-curable inks packed in quick-change, 800 milliliter bags for: Black, Cyan, Magenta, Yellow. White ink packed in 1 liter bags.																																															
System Architecture	True flatbed for rigid media printing with available Roll Media Option for flexible media printing.																																															
Geometric Accuracy	<table><thead><tr><th>Measured Over - Flatbed</th><th>Measured Over RMO</th><th>Maximum Error Flatbed</th><th>RMO</th></tr></thead><tbody><tr><td>Line length (system width)</td><td>2,500 mm</td><td>2,190 mm</td><td>0.8 mm</td><td>0.6 mm</td></tr><tr><td>Line length (system height)</td><td>1,250 mm</td><td>2,000 mm</td><td>0.4 mm</td><td>1.5 mm</td></tr><tr><td>Line straightness (system width)</td><td>2,500 mm</td><td>2,190 mm</td><td>0.7 mm</td><td>0.7 mm</td></tr><tr><td>Line straightne ss (system height)</td><td>1,250 mm</td><td>2,000 mm</td><td>0.5 mm</td><td>2.0 mm</td></tr><tr><td>Diagonal Error ("squareness")</td><td>1,250 x 2,500 mm</td><td>2,000 x 2,190 mm</td><td>1.0 mm</td><td>2.5 mm</td></tr></tbody></table>				Measured Over - Flatbed	Measured Over RMO	Maximum Error Flatbed	RMO	Line length (system width)	2,500 mm	2,190 mm	0.8 mm	0.6 mm	Line length (system height)	1,250 mm	2,000 mm	0.4 mm	1.5 mm	Line straightness (system width)	2,500 mm	2,190 mm	0.7 mm	0.7 mm	Line straightne ss (system height)	1,250 mm	2,000 mm	0.5 mm	2.0 mm	Diagonal Error ("squareness")	1,250 x 2,500 mm	2,000 x 2,190 mm	1.0 mm	2.5 mm															
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MEDIA																																																
Rigid Media Maximum area:	125 x 250 cm / 49.2 x 98.4 inches																																															
Rigid Media Maximum thickness:	50.8 mm / 2.0 inches																																															
Rigid Media Maximum mass:	34 kg/m2 / 7 lbs/ft2																																															
Rigid Media Print Area	Up to: 126 x 251 cm / 49.6 x 98.8 inches (for edge-to-edge printing)																																															
Media Roll Specification	90 to 220 cm / 35.4 to 86.6 inches. Up to 50 kg / 110 lbs (at any width). Maximum diameter: 240 mm (9.45 inches). Core: 3 inches (inside). Bias: Print-side-in or print-side-out. Most types (application dependent)																																															
Roll Media Print Width	Up to 219 cm / 86.2 inches																																															
SOFTWARE AND PROCESSING																																																
Image Processing	ONYX® Thrive™ 21																																															
Connectivity	10/100/1000 Base-T																																															
Elevated Printing	by Arizona Xpert																																															
Job-automation	by Arizona Xpert																																															
WORKING ENVIROMENT																																																
Electrical Power / Compressed Air	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 Clean, dry, compressed air using a Coalescing Filter. Pressure Regulator set to 690 kPa (100 psi) and connects air regulator to ½ inch or 12mm OD air tubing. Peak flow: 57 l/min at 690 kPa (2 cfm at 100 psi)																																															
Environment	Temperature: 18° to 30° C (64° to 86° F) Relative humidity: 30 to 70% (non-condensing) Ventilation: 1,200 m3 per hour / 700 cfm minimum (see Site Preparation Guide) Altitude: 2,750 m (9,020 feet) maximum, however some components specify a limit of 2,000 m (6,560 feet)																																															
SIZE/WEIGHT																																																
Printer only:	4.66 m x 2.0 m (183.5” x 78.7”), 849 kg (1,871 lbs.)																																															
Printer + Roll Media Option:	4.66 m x 2.29 m (183.5” x 90.2”), 1,099 kg (2,423 lbs.)																																															
Table height:	0.88 m (34.6”) / Overall height: 1.3 m (51.2”)																																															

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