

**BIG SHOP CAPABILITY.  
SMALLER SHOP FOOTPRINT.**



**PRODUCT SPEC SHEET**

## DIGITECH TEXAS ST2/X1 UV FLATBED PRINTERS

Designed from the ground up by DigiTech, a U.S. company with deep expertise in large-format UV technology, the DigiTech Texas ST2/X1 offers the robust engineering of the LT3 series in a compact, high-performance package.

Ideally suited for shops requiring a 4' x 8' production powerhouse, the ST2/X1 features a 6-channel configuration—standard CMYK and White with options for Orange, Gray, or Varnish—delivering full-bleed printing on rigid media up to six inches thick.

The DigiTech ST2/X1 is the perfect solution for store-front applications or high-output floors where a smaller footprint is required without sacrificing the industrial strength and longevity associated with the DigiTech Texas brand.

## BUILT SMART FOR PRECISION AND IMAGE QUALITY

### Precision Built

At the heart of the ST2/X1 is the TruFire Precision Print System (PPS), which encompasses design refinements providing exceptional dot placement accuracy and image quality. The machine features a durable vacuum table machined for an exceptional degree of flatness, which is critical for predictability and repeatability. With an X-axis and Y-axis accuracy of 1 micron across the bridge and gantry, the ST2/X1 ensures that every drop of ink lands exactly where intended.

The inclusion of white ink is essential for multi-layered effects and ensures vivid results on clear acrylics or dark substrates. To make specific elements “pop”, varnish can be applied as a spot gloss for high-impact accents. By layering these inks, you can even create sophisticated textured prints that add a tactile dimension to your work.

For those seeking peak color performance, orange ink broadens the gamut for vibrant imagery, while gray ink delivers smooth gradations and subtle transitions.

### Engineered For Speed and Reliability

Reliability is essential in a production environment, and the ST2/X1 delivers by using a magnetic linear drive system that provides high-speed, precise motion without the wear issues associated with belts or screws. To maximize throughput, an auto-unloader comes standard, helping reduce board changeover time to under 10 seconds. While the DigiTech Texas LT3 series is the preferred solution for fully integrated print-to-cut automation lines, the ST2/X1 is also automation-ready, equipped with pneumatic registration pins and a reversible air flow system to streamline handling and keep your workflow moving efficiently.

# Texas ST2/X1 Printer Specifications

SPECIFICATIONS	ST2/X1	
Printer Design	UV True Flatbed Printer	
Print Quality	Up to 1200 dpi	
UV Curing Technology	LED-UV	
Table Size	4' x 8'	
Vacuum Sections	Zoned 2' x 8' & 4' x 8'	
Media Registration	Pneumatic Pins	
Rigid Media Thickness	Up to 6"	
Printing Accuracy	X-axis (across Bridge): 1 micron Y-axis: 1 micron both sides of gantry	
Printhead Technology	Kyocera Dual Channel / Single Row	
Grayscale Technology	4, 6, 10, and 14 picoliters	
Print Mode	Speed sqft/hr	
Coro Sign Mode 2 Pass	2,024	
3 Pass	1,349	
3 Pass CM	1,013	
5 Pass CM	674	
Auto Unloader	Changes sheets of media in less than 10 seconds	
Ink Options	Cyan, Magenta, Yellow, Black, and White, plus Orange, Gray, or Varnish	
Main Ink Reservoir Capacity	1.75 liters per Color	
Ink Channel Configuration		
CMYK, W, and Or, G, or Var	6 Dual-Channel Printheads	
Software & Rip Requirements	Onyx Version 22 or greater, Caldera, ErgoSoft, PrintSight	
Network Requirements	1000 base-T with Dedicated IP Address	
Electrical Requirements	Supply voltage: 208 - 240VAC 2 lines plus ground (Single Phase) Power line frequency: 50/60Hz Amperage = 60A	
Air Requirements		
Pressure	100-150 psi	
Volume Capacity	15 scfm continuous @ 100-150 psi (vacuum function) 5 scfm peak @ 100-150 psi (Compressed air must be dust and moisture free)	
Environmental Requirements		
Ambient Temperature	70-75 °F (21-23 °C)	
Recommended Relative Humidity	55% - 65% RH	
Atmosphere	Well Ventilated, Low Dust	
Printer Dimensions (L x W x H)	189.5" x 97.2" x 70"	189.5" x 122.4" x 70" (w/ unloader extended)
Weight	5,000 lbs.	



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