

**sts**<sup>®</sup>  
**INKS**  
Color is in Our DNA

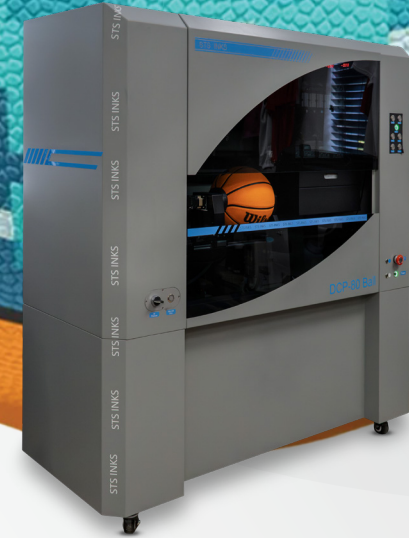


# STS ALLSTAR 360°

UV PRINTER

[WWW.STSINKS.COM](http://WWW.STSINKS.COM)

# STS ALLSTAR 360° UV Printer



## KEY FEATURES

- **PERSONALIZED SPORTS BALL PRINTING**

Specifically designed for **printing on sporting balls**, this printer delivers **high-precision output** on curved surfaces with **strong ink adhesion** and **vibrant, long-lasting colors**. From **team logos** to **personal signatures**, you can customize every ball with ease and impact.

Printing in two modes — **CMYK + W + V** or **CMYK + W + V + P** — ensures outstanding results across a wide range of surface materials. Even **smooth or glossy surfaces**, such as glass, achieve flawless print quality with this system..

- **ON-DEMAND THERMAL INKJET HEADS**

The printer automatically adjusts the **printing height and position** to accommodate balls of different sizes and shapes, ensuring **perfect alignment** every time. This intelligent adjustment feature enhances convenience, reduces setup time, and simplifies operation.

- **AUTOMATIC HEIGHT & DISTANCE MEASUREMENT**

Integrated sensors precisely measure the **height and distance** of the printing surface, maintaining optimal print distance for consistent quality on every job.

- **INTUITIVE BUTTON PANEL WITH ANTI-MISOPERATION DESIGN**

The **button-based control panel** provides an intuitive and user-friendly interface, making it easy to manage printing tasks. A built-in **anti-misoperation safeguard** prevents accidental presses, ensuring **safe and reliable operation**.

- **VERSATILE FIXTURES AND PRINTING RANGE**

Multiple **fixtures** are available to accommodate different types and sizes of sports balls. With a **printable length of 0 – 9.45 in (0 – 240 mm)** and **diameter range of 2.17 – 7.09 in (55 – 180 mm)**, the printer offers flexible, high-precision printing across a wide variety of ball types and dimensions.

## APPLICATION

Widely used in sports merchandise customization, this solution is perfect for creating custom designs on a variety of sporting balls — including basketballs, soccer balls, footballs, and more.





## MACHINE Parameters

PRODUCT MODEL	STS AllStar 360° UV Printer	
PRODUCT BRAND	STS Inks	
PRINTING RESOLUTION	720dpi - 2880dpi	
NUMBER OF PRINT HEAD	3 pcs   4 pcs	
PRINT HEAD	On-Demand Thermal Inkjet Heads	
INK MODE	CMYK + W + V Cyan / Magenta / Yellow / Black / White / Varnish	CMYK + W + V + P Cyan / Magenta / Yellow / Black / White / Varnish / Primer
PRINT SIZE	0 - 240mm Length / 55 - 180mm Diameter / 12° Taper 0 - 9.45 in Length / 2.17 - 7.09 Diameter / 12° Taper	
HIGH DROPLET PRINTING	2mm - 12mm	
INK SYSTEM	Siphon positive pressure ink supply system	
INK TYPE	Eco UV Curing Ink	
IMAGE FORMAT	TIFF / JPEG / EPS / PDF / ETC.	
POWER	AC220V±10 / 50HZ~60HZ	
INTERFACE TYPE	High-Speed 3.0 USB Cable	
WORKING ENVIRONMENT	Temperature: 15 - 30°C Humidity: 30% - 70%	
PLATFORM JIG	Special printing fixture	
DIMENSION	1420 x 520 x 1518 mm (LxWxH) 55.91 x 20.47 x 59.76 in	
RATED POWER	1300W	
CURING SYSTEM	Intelligent segmented controllable UV curing system	
MACHINE WEIGHT	134 kg   295.42 lb	



## ABOUT US

Founded in 1999, STS has established its reputation as a leader in digital printing inks manufacturing and technology. In 2005, the company took its first steps into the U.S. market with a manufacturing facility in New York. By 2009, STS had relocated and expanded its operations to Boca Raton, Florida showcasing its commitment to growth and innovation on a global scale.

As a world leader in wide format, industrial, promotional, textile, and apparel digital ink markets, STS is renowned for its application of cost-effective and cutting-edge technologies. Our commitment to innovation extends to streamlining processes and procedures, transforming ideas into reality.

STS products are distributed in over 160 countries across North America, Europe, South America, the Middle East, Africa, Asia, and Oceania. Our manufacturing principles are rooted in continuous improvement and efficiency.

We prioritize maintaining strong relationships with our OEM customers, ensuring a deep understanding of their requirements and providing comprehensive customer support from concept through the product lifecycle.

Our manufacturing assets, including three fully equipped labs and a 50,000 sq. ft production facility in Boca Raton, Florida, enable us to support processes ranging from simple to highly complex. Additionally, our presence extends globally with offices and warehouses in Bulgaria and Colombia, facilitating fast and easy distribution to our customers.



**STS INKS**®  
8300 CONGRESS AVE. BOCA RATON, FL. 33487  
TEL: 561-999-8818 | EMAIL: SALES@STSINKS.COM  
[WWW.STSINKS.COM](http://WWW.STSINKS.COM)

**STS**®  
Color is in Our DNA