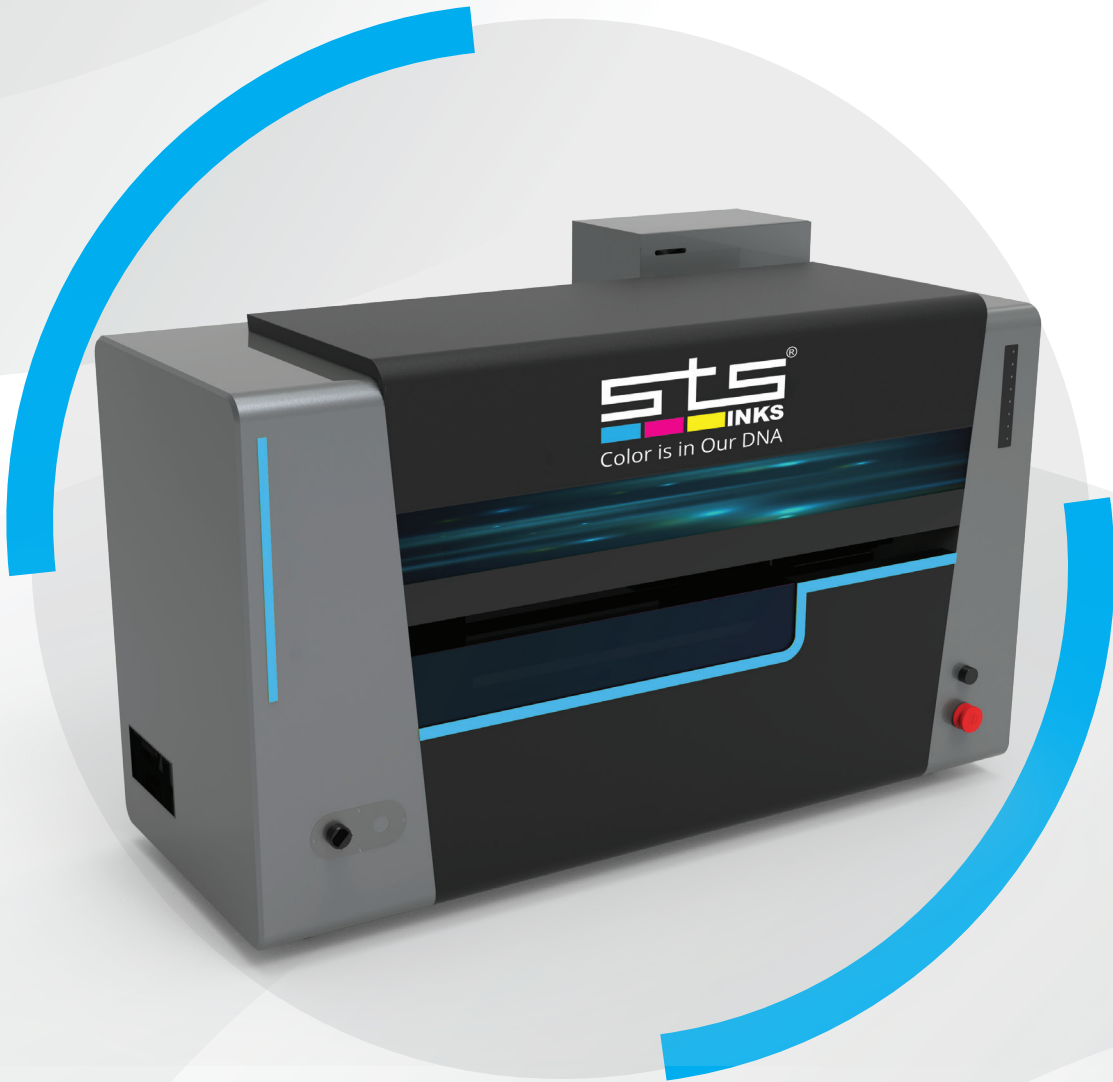


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Color is in Our DNA



CYLINDRICAL UV PRINTER STSC-3

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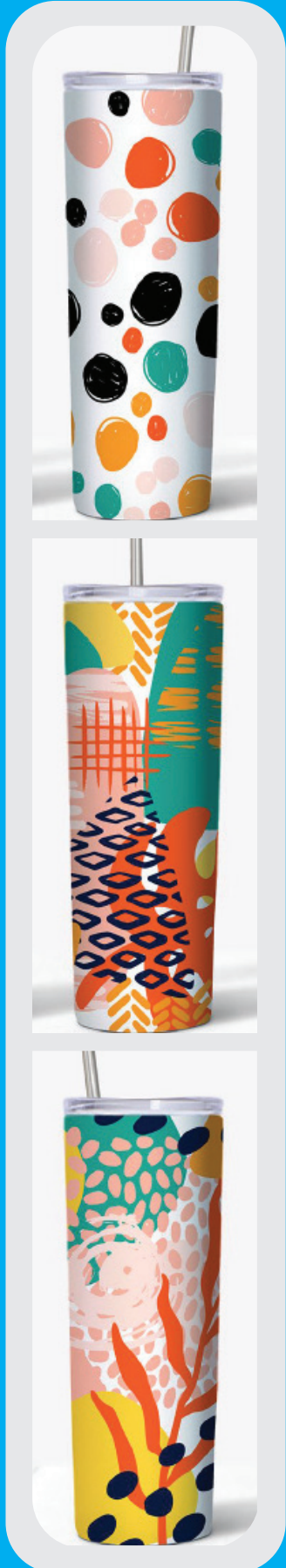


SPECIFICATION

Product specifications

Cylindrical UV Printer

PRINTER NAME	Cylindrical UV Printer
MODEL	STS C-3
PRINTING RESOLUTION	720 DPI - 2880 DPI
NUMBER OF PRINT HEAD	3 pcs
PRINT HEAD	Epson i1600
INK MODE	CMYK + W + V
PRINT SIZE	0 - 240 mm 0 - 9.44" Length, 55 - 180 mm 2.16" - 7.08" Diameter, 12" Tape
INK SYSTEM	Siphon positive pressure ink supply system
INK TIPE	Eco UV Curing Ink
FILE FORMAT	TIFF, JPEG, EPS, PDF, ETC
RIP SOFTWARE	CADLink FlexiPRINT Inedit
VOLTAGE	AC110V+/-10%
INTERFACE TYPE	High - Speed 3.0 USB cable
OPERATING ENVIRONMENTS	Temperature: 15°C - 30°C 57°F - 86°F Humidity: 30% RH - 70% RH
PLATFORM JIG	Special printing fixture
DIMENSIONS OF PRINTER (LxWxH)	1340mm * 480mm * 730mm 52.7" * 18.9" * 28.74" (LxWxH)
RATED POWER	1300W
CURING SYSTEM	LED UV curing system
MACHINE WEIGHT	134 kg 295.419 lb





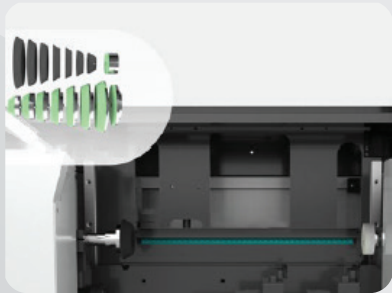
DETAILS

Professional Features Digital Cylindrical UV Printer



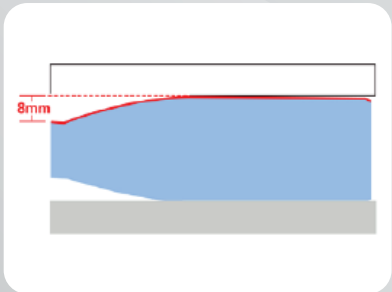
VARIABLE INK DROP TECHNOLOGY

Variable Ink Drop Technology controls the voltage that powers the printhead components so that the same nozzle can drop ink down in various sizes as needed which produces high quality images at high speed with vibrancy and smooth gradations.



AUTOMATIC BOTTLE ADJUSTMENT

The built-in sensors detect the varying sizes of each bottle and automatically adjust the settings to ensure precise printing, eliminating the need for manual adjustments.



POWERFUL HIGH-DROP PRINTING

Supports 8mm high-drop printing, with automatic laser measurement of product shape for precise positioning. Enables seamless and accurate printing on irregularly shaped products.



Printing Diameter

Printing length



55 - 180mm



0 - 240mm

VARIOUS PRINT SIZES

The system supports a printing length from 0 to 9.4 inches and a printing diameter from 2.1 to 7 inches, enabling compatibility with a wide variety of products, such as thermos cups, cylindrical electronic devices, and wine bottles. This versatile solution offers extensive application across multiple industries.



STRONG ADHESION CAPABILITIES

Compatible with a wide range of printing materials, whether conical or cylindrical, transparent or opaque. It ensures flawless printing on glassware, water bottles, candles, golf balls, baseballs, food cans, and other objects, delivering excellent adhesion for long-lasting results.



APPLICATION

Discover The Print Difference

STS C-3 Cylinder UV printer is a printer specially designed for printing round objects, with a wide range of applications and no material restrictions, such as stainless steel metal thermos cups, wine bottles, cosmetic bottles, tea cans, cans, etc. used in daily life.





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.



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