



sts[®]
INKS
Color is in Our DNA



STS S604 UV DTF PRINTER

WWW.STSINKS.COM

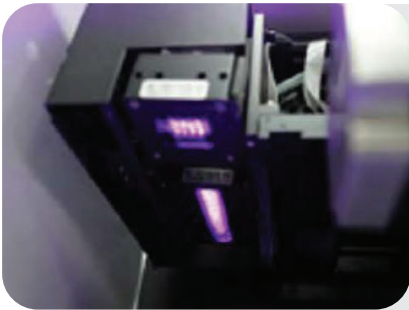


MACHINE Parameters

MODEL		STS S604
PRINT NOZZLE		13200 Epson printhead, high quality up to 2400 dpi
NOZZLE NUMBER		4* ϕ 3200 Print Nozzles CMYK+W+Varnish+Glue 3* ϕ 3200 Print Nozzles CMYK+W+Varnish
PRINT ACCURACY / SPEED		4 pass: 12m ² /h 6pass: 8m ² /h 8pass: 5m ² /h 4 pass: 129ft ² /h 6pass: 86ft ² /h 8pass: 53ft ² /h
INKS	SORT	UV DTF / Prop 65
MEDIA	CAPACITY	5 Colors: 1.5L*7/color
	MAXIMUM WIDTH	620mm 24.4"
	THICKNESS	1.5mm to 6mm adjustable
	MAX ROLL WEIGHT	20KG 441b
	SORT	UV-DTF
HIGH PRINTING QUALITY		VSD Technology
MEDIA HEATER		Pre/Post Heater(Can be controlled separately)
PRINT INTERFACE		USB2.0
RIP SOFTWARE		CADlink FlexiPRINT Inedit
VOLTAGE		AC110V+/-10%
OPERATING ENVIRONMENTS		Temperature: 20°C-30°C 68F° - 86°F Humidity: 35%RH-65%RH
POWER		200W for drawing and 450W for heating in front, middle and back
DIMENSIONS OF PRINTER (LxWxH)		1785mm*790mm*1613mm 70.27" *31.1"*63.5" (LxWxH)
DIMENSIONS OF PACKING (LxWxH)		2100mm * 970mm * 730mm 82.67" * 38.18" * 28.74" (LxWxH)
HEIGHT OF WORKTABLE		1062mm 41.81"
NET WEIGHT		200KG 440.9251b
GROSS WEIGHT		220KG 4851b



MACHINE Details



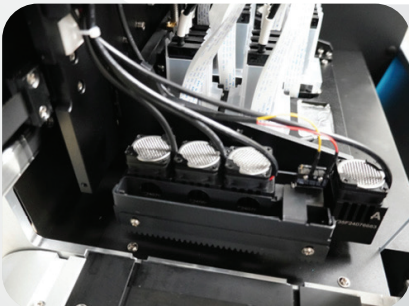
UV LAMP CURING

The temperature and intensity of the UV Lamp is adjustable to provide instant curing of the ink on the adhesive substrate.



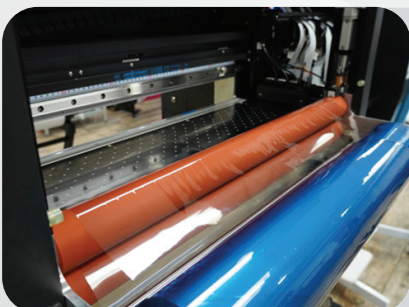
NOZZLE HEATING SYSTEM

The printhead has the ability to heat, controlling the viscosity in low temperature environments, ensuring proper flow of ink to the head for proper jetting.



AIR COOLING UNITS

7 separate UV LED air cooling units which work in unison to cool the LED lamps while also being able to still run efficiently if one needs to be replaced so your printer is never down.

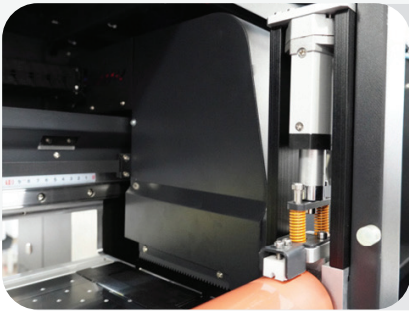


LAMINATOR-ROLLER HEATING SYSTEM

The in-line laminator rollers are heated to accelerate drying the printed image and support proper lamination for improved efficiency.



MACHINE More Details



AUTOMATIC HEAT ROLLERS

Automatic pressurized heat rollers eliminates human error and produces the ideal amount of pressure for perfect lamination between the A+ B film and prevents skewing.



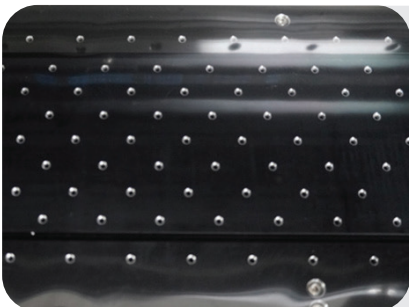
INK SUPPLY SYSTEM

The printer incorporates a 1.5 Liter bulk supply system to ensure continuous printing of large production needs and permits on the fly refilling. The white ink reservoir has a continuous agitator to ensure that there is no settling of white ink particles in the tank.



WHITE INK RECIRCULATION

The STS 5604 has a built in white ink recirculation system to prevent white ink from clogging the print heads. This ensures uninterrupted, continuous production.



ADAPTIVE VACUUM SETTINGS

5 various speed settings for ideal suction from the vacuum plate to properly hold down the film which reduces the likeness of head strikes and prevents the film from leaving residue on the print head.



APPLICATION



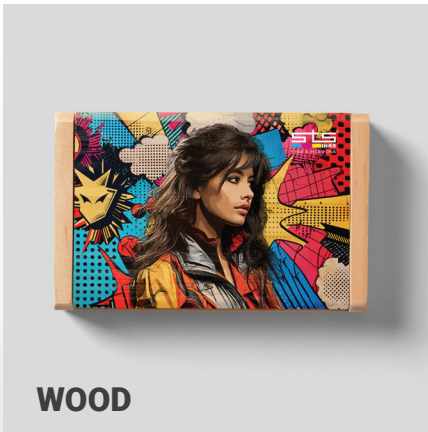
CERAMIN



SILICON



METAL



WOOD



PLASTIC



ACRYLIC



BANNER



VINYL



GLASS



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 | MAIL: SALES@STSINKS.COM

WWW.STSINKS.COM

