

**STS**<sup>®</sup>  
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**STS TPU**  
**SIEVER**

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# STS TPU SIEVER

The STS TPU Siever is purpose-built to be used with STS Inks TPU to ensure peak material performance. It efficiently eliminates moisture-induced clumps, reconditions the TPU, and restores smooth, consistent flow. Essential for TPU stored over extended periods or in humid environments, the Siever guarantees reliable processing and optimal print quality every time.



## FEATURES

Engineered to deliver reliable performance and consistent results, the STS TPU Siever combines efficiency, durability, and ease of use in a compact package.

- Lightweight, Compact Design – Easy to move, install, and integrate into any workspace.
- Multi-Directional Outlet – Flexible discharge options to suit different processing setups.
- High-Precision, Custom-Tuned TPU Screen – Specially engineered for STS Inks TPU for maximum sieving efficiency.
- Clog-Free Operation – Maintains consistent performance and prevents downtime, ensuring long service life.
- Low-Maintenance Construction – Designed for minimal upkeep, reducing operating costs and increasing productivity.

## SPECIFICATIONS

MOTOR	90 W
VOLTAGE	220V / 50Hz   110V / 60Hz
DIMENSIONS LxWxH	52x46x72 cm   20.4x18.1x28.3 in
WEIGHT	Net Weight: 8.9 kg / 19.62 lb   Gross Weight: 11.5 kg / 25.35 lb
SIEVE DIAMETER	400 mm   15.75 in
WARRANTY	1 year
VIBRATION FREQUENCY	1400 - 1680 times/min

## STS TPU SIEVER PARTS DISPLAY



### SAFETY INSTRUCTIONS

- Place the screen into the vibrating plate and secure it with the spring ring before starting the machine.
- Do not place your hands near the bottom of the sieve while in operation, and keep children away from the equipment.
- Do not fill materials above one-third of the sieve capacity. Continuous feeding is possible; the less material, the faster the sieving.
- When loosening the spring ring for replacement, be careful to avoid injury from the tension.

### ADJUSTMENT INSTRUCTIONS

- Turn off the power before adjusting. (Factory settings are pre-adjusted; usually no need to change).
- If adjustment is required, tilt the unit, loosen the adjustment screw slightly, then increase or decrease the counterweight block as needed.
- After adjustment, tighten the screws securely and resume operation.

### CLEANING AND MAINTENANCE

- If not used for a long time, store the machine in a dry and ventilated area to prevent motor damage.
- Avoid washing the motor directly to prevent electrical leakage.
- The motor's bearings are sealed and do not require additional lubrication.
- Check if the wiring and connectors are secure.



## 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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