

ST-TFSM-01

TUBULAR FABRIC SLITTING MACHINE (EVOLUTION TYPE, FOR RAW AND WET FABRICS)

ST-TFSM-01 is mainly applicable after rope dyeing. It is used to slit & open roped fabric and has been specially designed for continuous high speed operation in automatic mode. The machine material could be A3 Steel or Stainless Steel, which could be suitable for both raw and wet fabrics.



Features:

- 1). **Raisable Frame and Automatic Detwister:** Automatic detwister for fabric rope. The signal from feeler is picked up by proximity switches. Fabric rope engagement is by means of rotary opening rollers.
- 2). **Slitting Basket:** By means of a handwheel, the diameter of the round basket can be expanded from 320 to 800mm, so as to facilitate the spreading of fabric and prevent permanent weft distortions, as may be generated by the slitting process.
- 3). **Needle Drop Sensor:** Needle drop sensor can detect the needle drop on the fabric and adjust the basket to place the fabric in proper slitting position. Both slitting and rope opening function.
- 4). **Spreading-Centering Unit:** It automatically open the fabric and then centre it, to ensure that the fabric is alignment in the centre of the machine.
- 5). **Hydraulic Turntable - Option:** Controlled by fluid power, 1800mm diameter, for fabric carriage rotation in heavy duty conditions. It facilitate the operation of rope detwisting after washing or dyeing.
- 6). **Squeezing Unit for Fabric Ropes - Option:** Squeezing unit J-box with an oscillating chute for self adjustment of speed, to be installed on the entry of the line to reduce the quantity of water contained in the fabric.

Technical Specifications:

Model:	ST-TFSM-01
Running Speed:	0 - 100m/min
Fabric Width:	2.0 - 3.0 meters
Max. Rope Diameter:	Ø 800 mm
Material:	Stainless Steel 304 for wet fabrics/A3 Steel for dry fabrics
Electric Specs:	3Phase - 380V; 50HZ (can be adjusted to suit for different countries)
Remark:	Variable working width is possible and can be tailor-made to your requirements of processing needs.

