

Español al Reverso



SCS
(Spirality Correction System)

Patented Technology

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**A proud heritage.
An innovative approach.
A global network.**

We are Navis TubeTex. Founded in 1929, Navis TubeTex is a leader in finishing machinery for the global textile industry. Based in Lexington, North Carolina, USA, Navis TubeTex designs, engineers and manufactures the world's leading machinery for the global knit, woven, nonwoven, technical and geotextile industries.

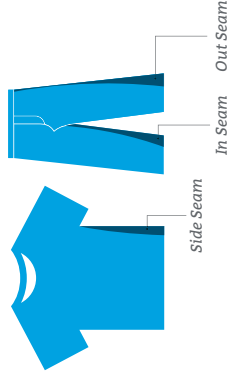


The SCS is the solution to controlling spirality (torque) in knit fabric. Finally, there is an automatic way to correct and control spirality in knit fabric in the final step when paired with the compaction/calendaring machine. Sophisticated algorithms along with the specially designed correction chamber impart the correct amount and direction of correction needed to control spirality.

Spirality is the angle of the knitted wales and courses from 90 degree as measured by the tumble dry testing method. Knit tubular fabrics have a degree of spirality during normal manufacturing and processing, including knitting, batching, dyeing, padding, drying and finishing. Common problems are: laying up twisting, cutting mis-alignment, mismatched patterns, sewing problems, shifting side seams, garment distortions, and printed or striped movement after sewing.

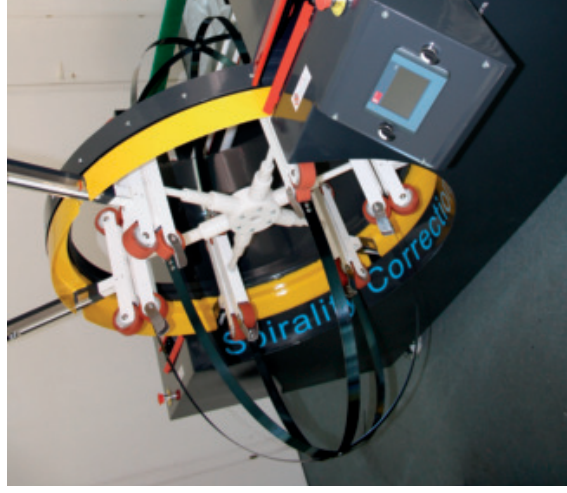
Key Features using the SCS:

- Controlled Spirality to meet Quality Standards
- Spirality Correction to less than 4% after Processing
- Stable Correction
- Works on all Tubular Knitted Fabrics
- Efficient and Automatic Operation for Correction
- Reduce Sewing and Cutting Problems from Spirality



Navis TubeTex Equipment

- Pads
- Tensionless Dryers
- Tubular Shrinkage Control
- Stenter for Knit Woven, Nonwoven, Technical
- Open-Width Knit Shrinkage Control



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How SCS Controls Spirality

The SCS works in line before the compactor using Patented technology and sophisticated control parameters and a specially designed correction chamber that operates at the speed of the compactor. The SCS is given the input data for the given fabric's spirality percentage, direction of rotation, and tubular width. The SCS's control system using proprietary algorithms will impart the correction to control the degree and direction of the twist based on the parameters.

The specially designed correction chamber is designed to give correction to the tube with very limited friction to prevent any damage to the finished fabric. A hole detection safety shut-off is included to prevent damage to the fabric or machine.

Specifications

Working Tubular Width	410 mm - 1300 mm 16 inches - 52 inches
Speed	5 - 60 m/min
Power	2 kw
Dimensions	Total Length: 4000 mm Total Width: 2000 mm
Weight	650 Kg

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