

Español al Reverso

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

**Delta-Nit
Pad**

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.

Navis TubeTex Equipment

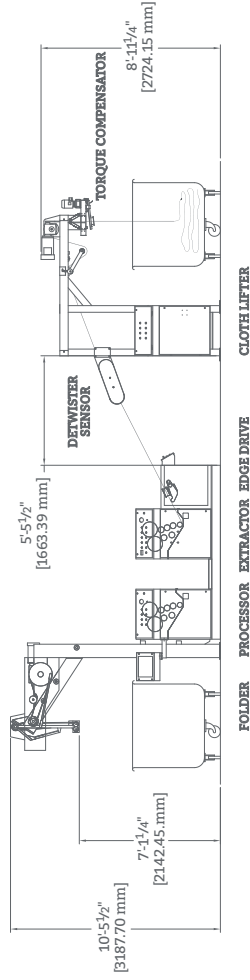
- Pads
- Tensionless Dryers
- Tubular Shrinkage Control
- Starter for Knit, Woven, Nonwoven, Technical
- Open-Width Knit Shrinkage Control

Delta-Nit Pad

The Delta-Nit Pad is used in the first operation following dyeing, bleaching, or scouring of all types of circular-knit fabrics that are finished in tubular form. The Delta-Nit Pad is available in a 2-Roll or 4-Roll version processing single or double strands of fabric, depending on your finishing requirements.

Standard Features:

- Polyurethane Roll Covering
- AC Inverter Controls
- PLC Logic Control
- Patented Touch-O-Matic Spreading System
- Stainless Steel Guards



Spreading (Wet or Dry)

The Delta-Nit Pad Spreader has an internally driven belt spreader system for proper width control and shrinkage control in wet conditions. The Spreader is designed to overfeed while spreading to reduce the length and width shrinkage at the pad.

Extracting

The spread, relaxed fabric is passed to a wet-out tank of five gallons (18 liters) to assure uniform extraction is achieved. An automatic ballooning system injects air into the wet fabric tube to improve crossline and re-wetting.

The re-wetting assures that the next step is uniform, either drying after extraction or chemical application.

Two (2) matched 9-inch (22.5 cm) diameter rolls extract the maximum moisture in tubular form from the fabric tube. The Delta-Nit 2-Roll Pad is an effective extractor.



Delta-Nit Pad Screen

Chemical Processing

A chemical holding tank of five gallons (18 liters) for chemical application of softener, resin, or other hand builders can be evenly and uniformly applied. An automatic ballooning system injects air into the wet fabric tube to improve crossline and impregnation.

Two (2) matched 9-inch (22.5 cm) diameter rolls extract the maximum moisture in tubular form from the fabric tube. The Delta-Nit 4-Roll Pad is an effective extractor and chemical applicator.



Delta-Nit Pad Balloon Slide View

Anti-Torque Detwisting Entry

Detwisting is accomplished by a hydraulic powered turntable installed in the floor in front of the Delta-Nit Pad, on which suitable trucks containing the fabric are positioned for detwisting and feeding the Delta-Nit Pad. An optional power-driven cloth lifter, Torque Compensator, and Automatic Detwisting Sensor will remove the torque and twist from dyeing and tensionlessly carry the fabric to the Delta-Nit.

Service Requirements

Electricity	22kW installed, 14 kW average consumption
Speed	0-90 yd/min
Air	80psi (5.5 bar) installed, consumption negligible
Water	Consumption Negligible
Widths	40" machine - 7"-36" 50" machine - 7"-46" 60" machine - 7"-56"
Weight	11,000 lb.