

Español al Reverso



Pak-Nit e3+ Compactor

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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.

Navis TubeTex Equipment

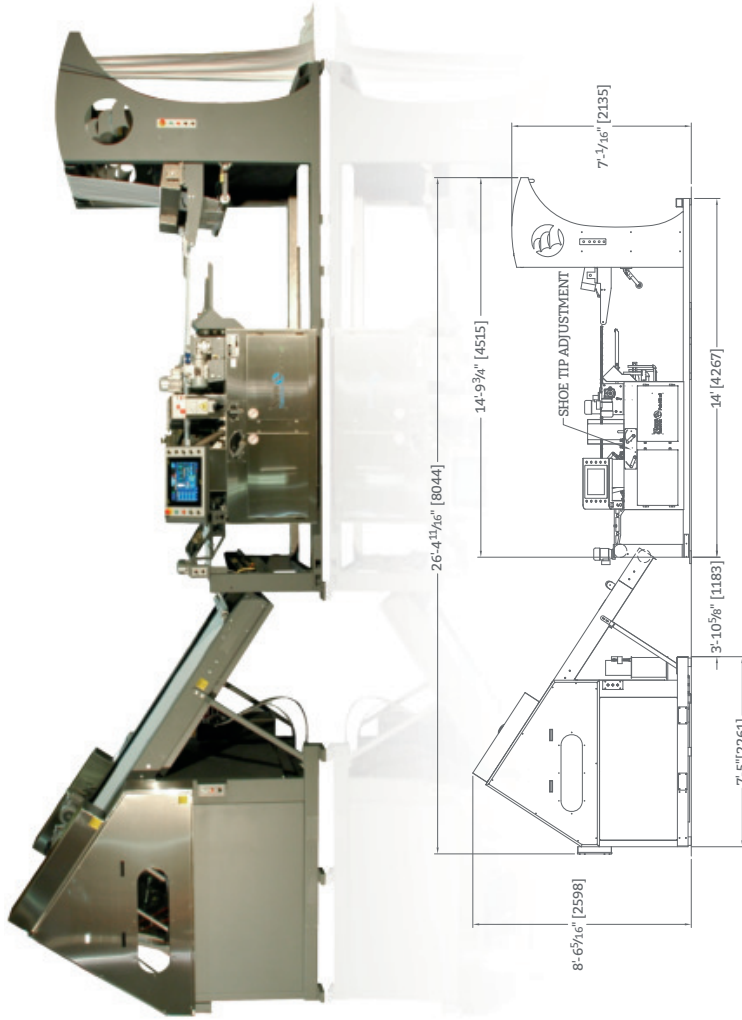
- Pads
- Tensionless Dryers
- Tubular Shrinkage Control
- Stenter for Knit, Woven, Nonwoven, Technical
- Open-Width Knit Shrinkage Control

Pak-Nit e3+ Compactor

The Pak-Nit e3+ Compactor is the most advanced shrinkage control machine and has enhanced capabilities of performance. The Pak-Nit e3+ will impart softer hand as well as superior shrinkage, width and weight control for high-quality outerwear and apparel fabrics.

The Pak-Nit e3+ Compactor offers many distinct advantages:

- Improved softness and feel, appearance
- Residual shrinkage results of 1% or less by Tumble Dry Testing Method
- Higher processing speeds, over 40 meters per minute
- Patented processing system means accurate, repeatable results reducing energy consumption.



HIGH SPEED FOLDER

EDGE DRIVE/COMPACTOR SECTION OPERATOR SIDE VIEW

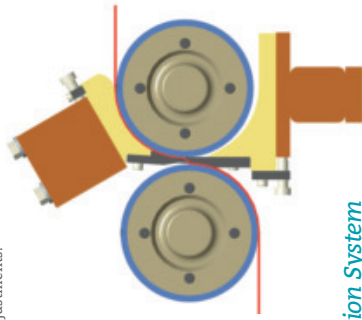
ENTRY SECTION

Fabric Width Control System

Internal belt driven spreaders working with the inverter controlled edge drive motors set the width and crossline of the processed fabrics. Width spreading is maintained by pneumatic controlled internal gas bars and low impression edge rollers.

Shoe Quadrant

The shoe quadrant adjustment allows the operator to make quick and precise changes in fabric styles without changing machine settings and provides a quick cleaning feature. The numbered quadrants give an exact setting standard for each type of fabric processed. It also allows for minimum and maximum settings for shoe tips for the compaction station to prevent maladjustments.



Compaction System

The Feeding roller running with a slower Retarding roller reduces the fabric shrinkage to the desired level. Shrinkage rates up to 25% are possible. Residual shrinkage results to less than 1% are possible by tumble-dry testing methods.

Service Requirements	
Electricity	25 kw
Steam	400 lb/hr (180 kg/hr)
Air	4 bar, neg.
Speed	0-80 yards/min (0-75 meters/min)
Widths	40" Model (17 cm - 94 cm) 50" Model (17 cm - 119 cm) 60" Model (17 cm - 145 cm)
Weight	5,500 lb. (2,500 kg.)

Operator Control System

The color operator touchscreen (HMI) allows for full control of the machine. Multi-language, remote diagnostics, on-board technical data/support, operator manuals, expanded mobile and interconnectivity are all part of the Pak-Nit e3+ control system. The HMI also supports the Shift Manager functions to give runtime efficiency reporting, stop causes, meters processed, average speed, and compaction. The Maintenance Manager function gives real-time preventative maintenance notices, Life Tracker for wear items, and Ready on Demand.

Without Navis TubeTex Processing

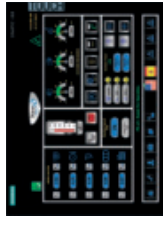


With Navis TubeTex Processing



Machine Heating System

Closed loop oil heating system uses the plant's steam to heat the oil to operating temperature. The use of steam greatly reduces power required. The oil heating system improves uniformity of heating and improves operation and maintenance parameters.



Pak-Nit e3+ Operator Screen

Pak-Nit e3+ Shift Manager Screen

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