

Navis TubeTex presented new tubular compactor with several other new models focused on energy savings

Navis TubeTex displayed several new products during the ITMA exhibition. Navis TubeTex has a long history as the largest finishing machinery company in America with a reputation as an industry innovator. Navis Group is represented in Pakistan by Associated Textile Consultants.

ITMA Barcelona sales

Masood Textile Mills one of the largest knitwear exporters in Pakistan has purchased the entire machine range on display at Navis Global Tubetex stand at ITMA Barcelona.

Masood has agreed to take the open-width compactor, Pak Nit e3 Gemini two station tubular compactor and new CQC (Constant Quality Concentration) system.

The key parameters responsible for this decision by Masood Textile Mills include stringent shrinkage and quality control possible with Navis Tubetex compactors for both open width and tubular knitted fabrics and average running speeds of 80m/minute of the Geminis Pak-nit e3 machine.

New Tubular Compactor

The Navis TubeTex Pak Nit e3, along with the two stations Pak Nit e3 Gemini model, is the next evolution of the industry standard in tubular shrinkage control. The e3 in the Pak Nit e3 represents:

- ❖ **Eco-Friendly:** Reduced carbon foot print and chemical free shrinkage control.
- ❖ **Ergonomic:** The operators and maintenance personnel find machine and screens easy to understand and control.



William Motchar, President with Jeffrey T. Dixon, Senior Director Navis Global Tubetex.

- ❖ **Efficient:** Fast change lot change over, with reduced energy usage (electrical, steam, and air).

Pak-Nit e3 Highlights

- ❖ Redesigned compaction station.
- ❖ Lower overall energy consumption.
- ❖ All-new operator control system.
- ❖ Improved operator functions for lot to lot change-over.
- ❖ Improved maintenance functions for station set-up.
- ❖ Modern overall machine aesthetics.
- ❖ Expanded options for remote technical support.

Pak-Nit e3 Gemini Highlights

The Gemini is a bold new step in knit finishing technology.

- ❖ New version of compaction station.
- ❖ Higher speed and compaction levels with a newly designed Compactor.
- ❖ Improved energy consumption.
- ❖ All-new Operator Control System.
- ❖ Improved Operator functions for lot to lot change-over.
- ❖ Improved maintenance functions for station set-up.
- ❖ Modern overall machine aesthetics.
- ❖ Expanded options for remote technical support.

Speeds and compaction levels of the Pak Nit e3 Gemini are higher than other manufacturers. Speeds in excess of 100 m/m are possible, while still compacting knit fabric to the desired feel and residual shrinkage values of less than 2-3%.

Two models of Open Width Compactors

Navis TubeTex will also be displaying advancements in energy conservation, operator ergonomics, quality production, and energy recovery.



TM-100 designed to have a lower carbon foot print and to have lower spare parts requirements.

Two models of Open Width Compactors were shown along with the CQC (Constant Quality Concentration) System.

Navis TubeTex also has the open width shrinkage control market covered with state of the art designs. The TM-100 is quickly becoming the standard for open width shrinkage control.

The TM-100 has a production speed of over 40 meter per minute and compaction over 25% represents the further development of TubeTex's patented roll compaction technology.

The TM-100 is designed to have a lower carbon foot print and to be economical on running cost and to have lower spare parts requirements and cost.

Factors that have made Navis TubeTex the preferred shrinkage control system for knits are:

- ❖ Highest quality fabric production.
- ❖ Lowest maintenance cost.
- ❖ Ease of operation.
- ❖ Local service availability.

The latest development is the CQC (Constant Quality Concentration) System. The CQC System represents Navis TubeTex's demand to provide solutions to reduce expenses while improving quality and profits for the knit and garment producer. The CQC System will actively measure and control chemical concentrations in a pad tank to maintain a desired chemical concentration in a pad mixture. This is ideal for wet on wet applications in tubular pads, stenter pads and other chemical feed systems are just a few of the many applications areas for the CQC System. ♦