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Press Release

Navis TubeTex to introduce all new tubular compactor, the Pak-Nit *e3* Gemini along with several other NEW models focused on energy savings at ITMA 2011

Navis TubeTex will display several new products during the ITMA exhibition in Barcelona (Hall 6, Booth 126). Navis TubeTex has a long history as the largest finishing machinery company in America with a reputation as an industry innovator. The launch of these new products at the ITMA 2011 exhibition promises to reinforce and build on that reputation.

First, an all new tubular compactor will be on display. The Navis TubeTex **Pak Nit *e3***, along with the two station **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** – Operator and Maintenance personnel will find the machine and screens easy to understand and control.
- **Efficient** – Fast change lot change over, Reduced energy usage (electrical, steam, and air)

Pak-Nit *e3* Introduction 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

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

Pak-Nit e3 Gemini Introduction Highlights

- New Version 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** can not be matched by ANY other compaction system by ANY other machine producer. Speeds in excess of 100 m/m are possible while still compacting knit fabric to the desired feel and residual shrinkage result of less than 2-3%.

Navis TubeTex will also be displaying advancements in energy conservation, operator ergonomics, quality production, and energy recovery. Two models of Open Width Compactors will be displayed 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** was 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
Easy of Operation
Local Service Availability
Highest Machinery Technology
Strength of Materials and Build Quality

The latest development to be introduced 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. Uses for wet on wet

applications in tubular pads, stenter pads and other chemical feed systems are just a few of the many applications for the **CQC System**.

There are many more ways for Navis TubeTex to improve fabric quality and reduce running expenses. Drop by Navis TubeTex's stand in Hall 6, Booth 126 to see the latest in Finishing Technology.