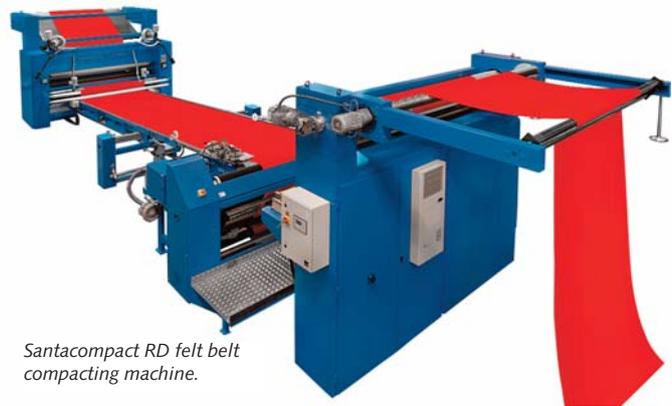


Santex Rimar AG: Santacompact RD felt belt compacting machine

Santex Rimar AG is showing with Santacompact RD their well-known felt belt compacting machine for the finishing of high-quality open-width knitted fabrics. This machine, specially designed for knitwear, enables the highest performance and best fabric quality to be achieved with minimum production and maintenance costs.

Santacompact RD is a double felt belt compactor in one line with levelling frame at the entry. This unique design of short and direct feed from the levelling frame into the special designed compacting zones ensures an excellent dimensional stability. Santex Rimar AG will show the latest version with special designed felt belt features to ensure the gentle handling of cotton or cotton blended knits and to maximise performance. ♦



Santacompact RD felt belt compacting machine.

Tandematic offers next generation stenter accessories

USA based Tandematic, world leader in stenter accessories, announces the release of the next generation Rail Mounted Trimmer and Rail Guidance System. These two products will be showcased at ITMA 2019 in Barcelona Spain.

Tandematic, for over 40 years, has continuously innovated products whose ultimate goal is to minimize wasted fabric on stenters. Effective decurling, precision pinning, efficient glue application and finally, minimizing edge trim to less than 4 mm means more salable cloth and less waste in landfills.

Developed by a cross functional team of product designers, engineers, field technicians, and manufacturing specialists, the next generation products operate efficiently with minimal downtime, ease of maintenance, and utilize the latest software, electronics and mechanical innovations (including 3-D printed parts). Both products are Industry 4.0 compliant.

The Rail Mounted Trimmer - GEN II (pictured left) employs a shearing action using proprietary mounting of self-lubricated, hardened blades. Onboard electronics automatically adjust trimmer speed for accurate, clean cutting while optimizing blade life. Blades are safely removed for re-sharpening using a single tool. As part of a corporate sustainability initiative, Tandematic offers an

economical blade exchange program recycling worn blades for re-use.

Edge sensors working with precision actuators automatically maintain preset distance between fabric edge and point of cutting regardless of tension adjustments or process changes.

Trim waste removal is accomplished using a revamped air management system for the GEN II trimmer. Positive pressure aspirators effectively remove trim waste and eliminate clogs common with negative pressure designs.

The entire Gen II trimmer system uses fewer parts, occupies less space and adapts to any stenter. Standalone systems also are available for applications where a stenter is not used.

An equally important component in trim waste reduction is precision pinning.

The Tandematic GEN II Rail Guider (pictured right) utilises latest sensor technology seeing any color or configuration - stripes, patterns, etc. without sensitively adjustment. This feature eliminates sensitive operator tuning. Reflectors or below web targets are not required.



Updated control center employs an extremely fast zero dead-band mode for precise exact pinning. Deadband based systems are satisfied with an inherent error unacceptable when minimal trim waste is important.

Redesigned servo-motors position the rail through effective use of a ball screw mechanisms in response to sensor signals with zero backlash or overtravel. The redesigned rail actuator uses 30% fewer parts weighing 50% less than earlier versions.

Maximum rail speed is greater than 200mm/s for quickly accommodating fabric upset conditions (holes, seams, etc.). This rapid response virtually eliminates mispins and overpinning. The entire Tandematic product line is optionally available on most OEM Stenters or adaptable to existing equipment.

Tandematic is currently accepting orders for GEN II products with Q3 shipments. Visit Tandematic at ITMA Stand H2/A104. ♦