

SANTACOMPACT RD

*Levelling, steaming and
compacting calander*

Machines for textile finishing



SANTACOMPACT RD Levelling, steaming and compacting of open-width knitted fabrics

» The SANTACOMPACT RD provides the best Dimensional Stability for the finishing of High Quality Open-Width knitted Fabrics. » Suitable for fabrics made of Natural and Man-made fibers and provides the minimum possible residual shrinkage values through compacting in the Compacting Zones and delicate handling of fabric through the machine.

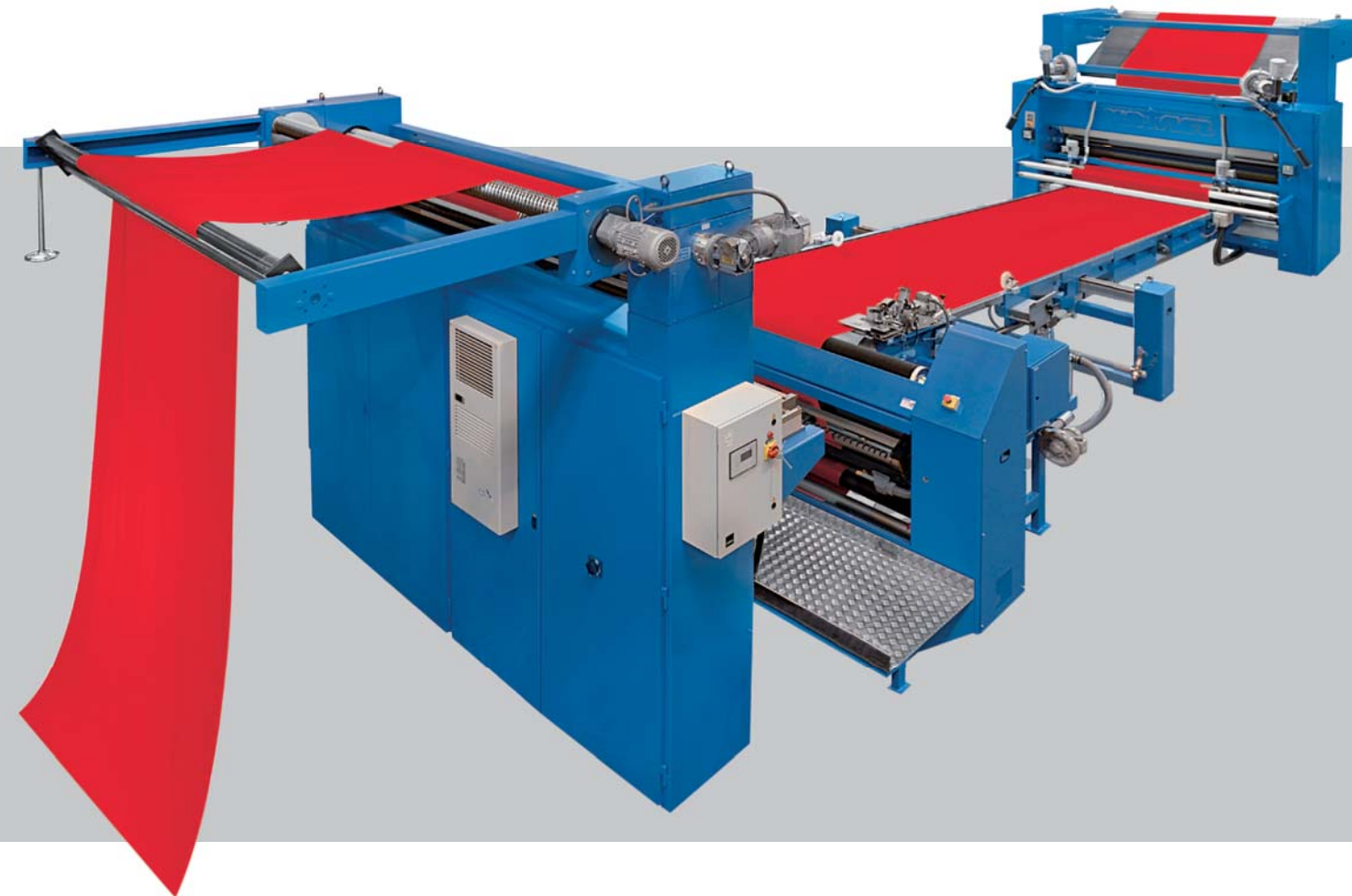
Advantages of SANTACOMPACT RD

- Specially designed Chain, Lubrification-free, low maintenance. Stainless steel chain rails - high strength and light weight - reduced power requirement.
- Completely electronically controlled with the latest Automation Technology, using Load Cell, PLC, User - friendly Touch Screen.
- Digitally controlled Shoe adjustment in the compacting zones.
- V - Steam-Box: Most efficient, automatically adjustable for different widths, 100% coverage and moistening of fabrics easy to clean
- Inbuilt manual weft straightener for correcting the skew on the fabric
- Integrated Control Panel at the entry of the Machine for efficient Space utilization, compact machine design
- Specially designed Compacting Zones, Overfeed (pinning) Zones
- Easy maintenance, better accessibility of Mechanical Components
- Left and right Chain speeds can be adjusted relative to each other to help when straightening the weft

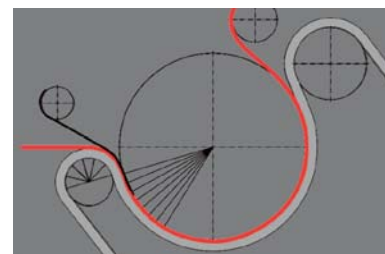


Main Features

- Excellent dimensional stability of fabrics. Tensionless and Distortion-free processing through Pinning, Equalizing Frame with individual Chain drive and Specially new designed Chain, condensate-free, motor driven middle support, compact and efficient moistening using V-Steam-Box, Specially designed Felt Belts in the Compacting Zones.
- Tensionless and distortion-free pinning with short, direct and crease-free feed into the compacting unit
- Condensate-free steam box with compensation for different widths, completely corrosion-resistant version
- Specially designed elastic felt belt in both compacting units
- Heatable smoothing and shrinking rollers for a soften fabric touch



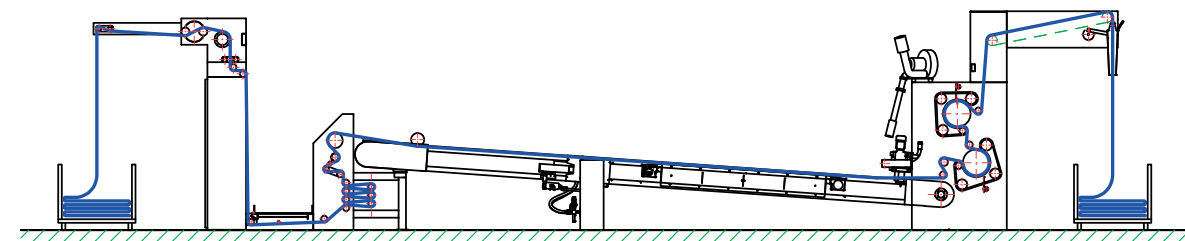
Edge uncurling and pinning device by E+L



Compacting principle



Edge cutting device



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TECHNICAL DATA

Working width	2400 mm others on request
Total width	working width + 1,7 m
Machine speed	50 m/min
Working speed	35 m/min average speed 25 m/min with edge gumming and drying
Power supply	70 kW incl. options
Options	Additional Moistening Device. Weft Straightener, Edge Gumming and Drying. Edge Cutting and Selvage Extraction. Automatic Width measurement. Inspection and Winding Unit. Cooling Unit. J-Box, Ionization unit, Batching winder
Length	approx 14 m

SANTACOMPACT RD



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