

UNIVERSA



SperottoRimar_{srl}

UNIVERSA

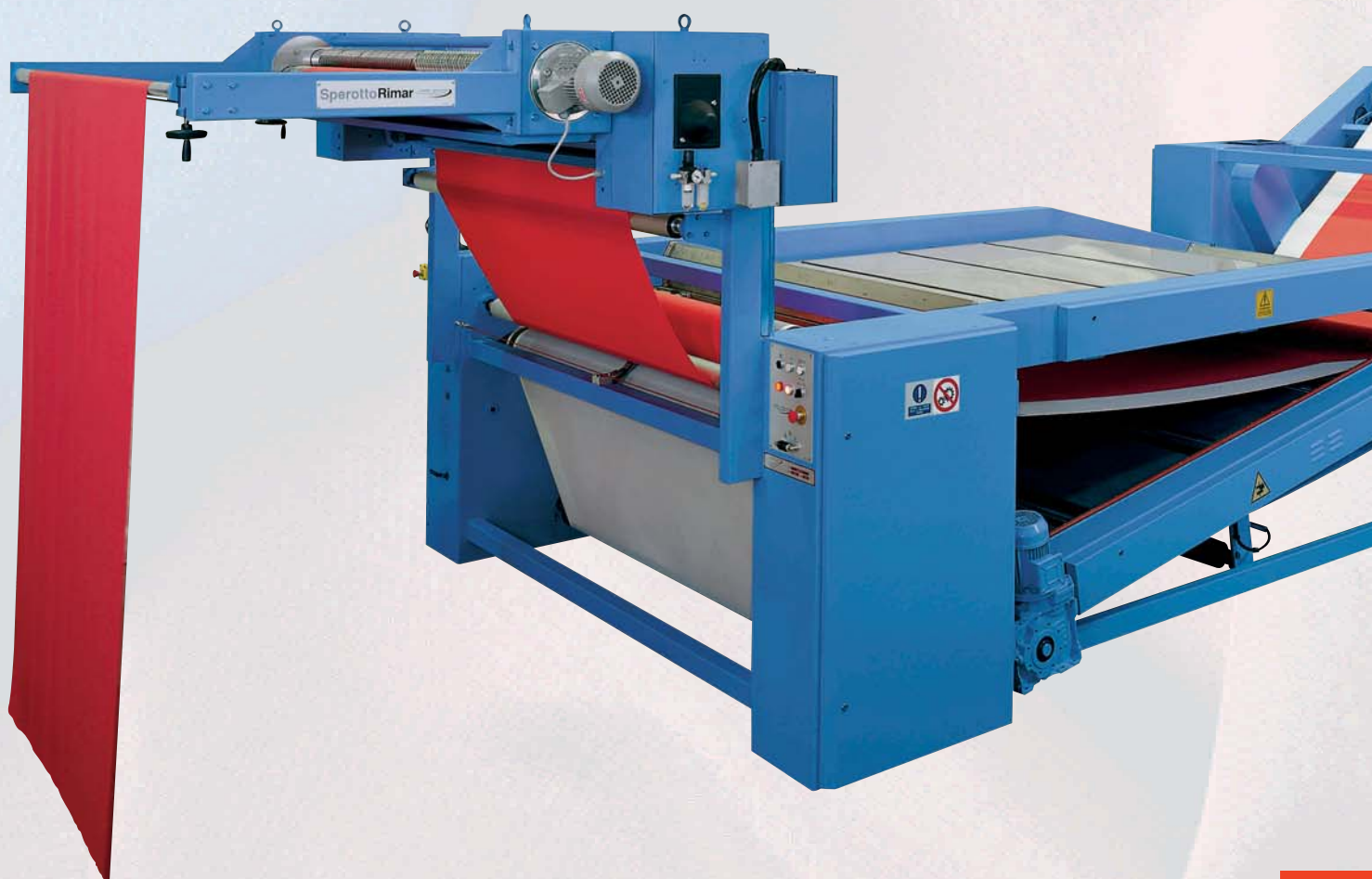
The steaming and shrinking machine

The tension-free steaming and relaxation of woven and knitted fabrics exceeds previously known limits.

In comparison with similar machines on the market, the unique and innovative UNIVERSA design offers great technical and operative advantages. Moreover, it ensures the highest degree of stability for all treated articles.

One of the important features of the UNIVERSA design is that it attaches great importance to the natural fabrics, which have evolved over the last few years, and the aspired flexibility of use.

UNIVERSA is a new machine concept, which emanates from the STABILA, its predecessor, and a world-wide success in all its field of application.



UNIVERSA



The steaming treatment provided with UNIVERSA offers the following practical advantages:

- Excellent stability results with all kinds of fabric – woven, nonwoven and knitted – thanks to the longitudinal and transversal tension-free flow of fabric within the machine.

- Increased fabric volume due to the adjustable quantity of steam passing through the cloth.
- Absence of any possible crease formation during the treatment, even with elastic fabrics, if the cloth is overfed into the machine at room temperature.

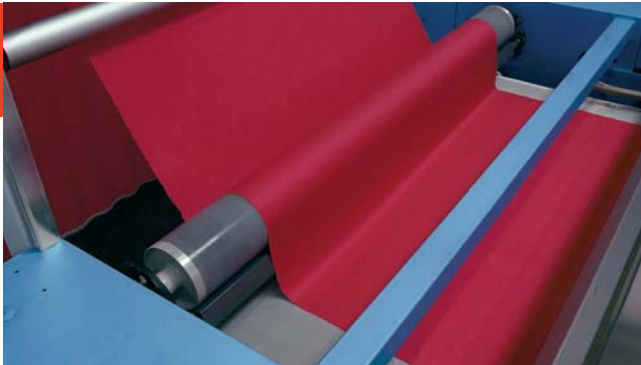
The fabric is guided to the motor-driven feed roller located at the machine inlet, where the correct degree of overfeed is assured by means of automatic photocell control.

The fabric is then placed on a conveyor belt and steamed in the tunnel, which is supplied with the vapor via subjacent injection pipes.



The quantity of steam is adjusted by means of PLC control. Steaming of the fabric is effected under absolutely tension-free conditions.

Relaxation of the fabric is also enhanced thanks to a belt-beating roller, whose speed can be adjusted according to the characteristics of the treated fabric.



One each small suction hoods placed at the beginning and end of the steaming tunnel and connected to a single suction fan eliminate any steam escaping from the tunnel.

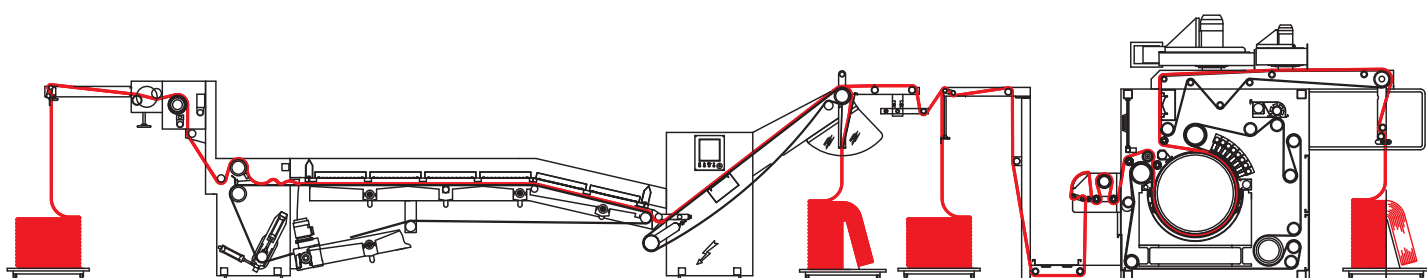
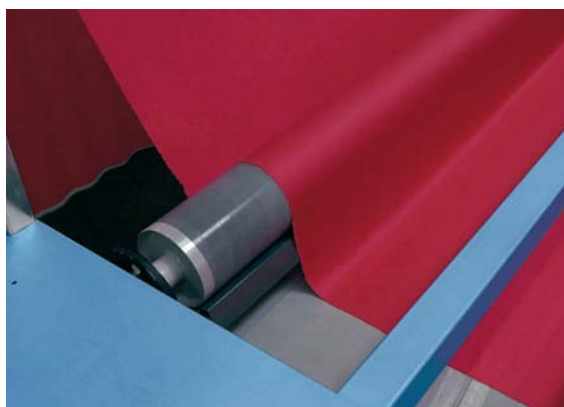
On leaving the machine, the fabric is placed on a second conveyer belt, where it is cooled quickly before being plaited with either a flat or a variable-length plaiting system.

UNIVERSA is the most up-to-date concept in the steaming and shrinking machine field. It offers:

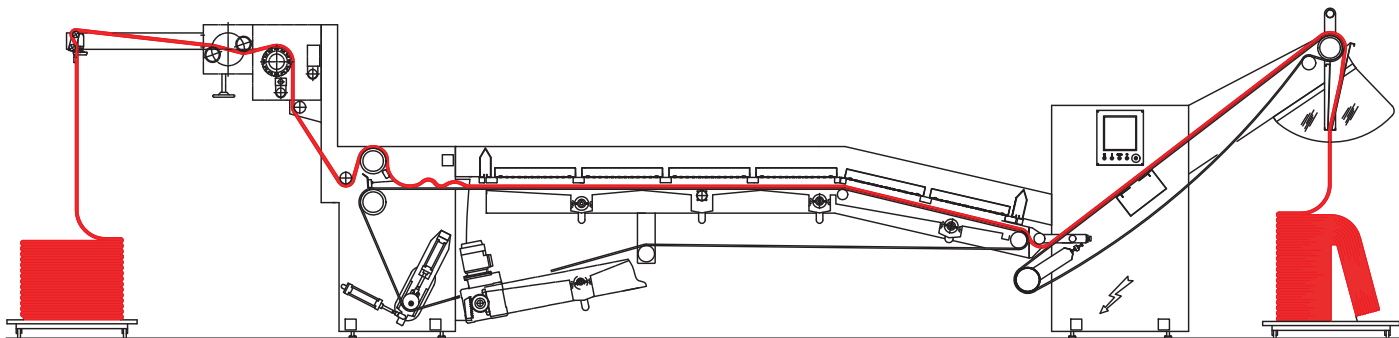
- great machine flexibility, even by the treatment of the most diversified materials
- very low steam consumption in comparison with common industrial practice
- easy maintenance of the machine thanks to the steaming tunnel rapid-opening system
- self-threading machine facilitating faster and more practical use
- programmable and storable machine setting for unmistakable repeatability of the finishing results.

Technical data (not binding)

Rollers width	200 cm	240 cm
Working width	180 cm	220 cm
Mechanical speed	4-40 m/min	4-40 m/min
Connected load	12 kW	12 kW
Absorbed load	8.5 kW	8.5 kW
Saturated steam	5 bar	5 bar
Steam consumption	200 kg/h	200 kg/h
Compressed air feed	5 bar	5 bar
Compressed air consumption	100 NI/h	100 NI/h
Average noise level	< 85 dB (A)	< 85 dB (A)



UNIVERSA



santex-group.com

Santex • Cavitec • SperottoRimar • Santex Nonwoven
Jasatech • Thermtech



SANTEX AG Textile Machine Works
Fliegeneggstrasse 9
CH-9555 Tobel
Switzerland
Phone: +41-71-918 66 66
Telefax: +41-71-918 66 00
santex@santex.ch
www.santex-group.com

SperottoRimar_{srl}

SPEROTTO RIMAR srl Via G. Galilei, 13 P.O. Box 56 I-36034 Malo (VI) Italy

Phone +39-0445-59 87 00 Telefax +39-0445-60 77 60 E-mail sales@sperottorimar.it www.sperottorimar.it