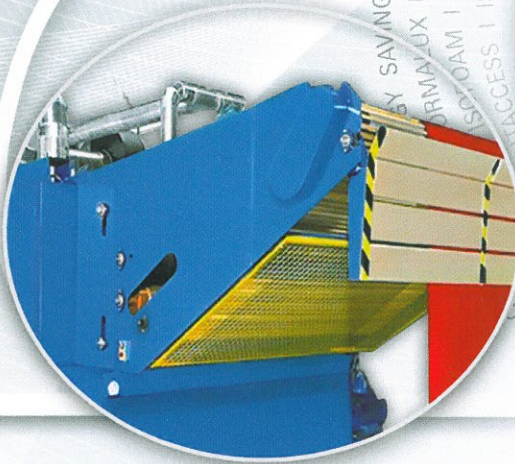
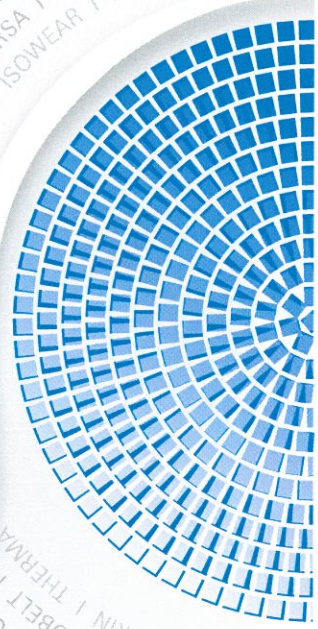


*experience makes
 the difference*



SAVING CHAMBER | DECOFAST ULTRAFINISH | SANTASHRINK | ISOTACK
 ORMALUX | SANTACOMPACT | CAVIMELT | FIXA | ISOLAB | ENAIRSAVE
 SCUDAM | TSM | ISOGLASS | UNIVERSA | ISOTARP | SANTATHERM
 ACCESS | ISOBAG | CAVIPREG | ISOWEAR | NOVA | CAVISCAT
 CAVISCOAT | ISORUBBER | CAVISOR
 SANTASTRETCH PLUS | ISOPOR
 SANTASPREAD TS | ISOBELT |
 SYNPACT | ISOSKIN | THERMA



*Tensionsless drying, shrinking
 and relaxing*

Machines for textile finishing



SANTASHRINK

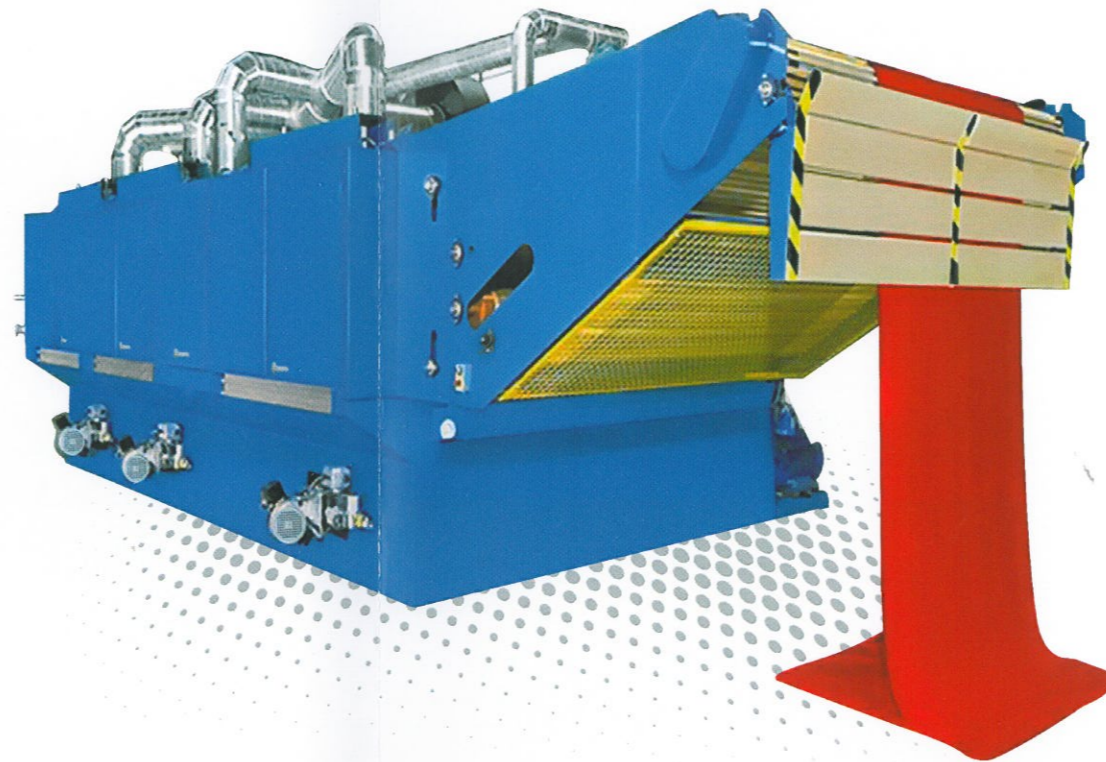
SANTASHRINK *for tensionless shrinking and relax drying of tubular and open width knitted fabrics in a wide variety of versions*

» The length of the drier or number of chambers is chosen according to the required drying capacity » The fabric is laid on the transporting belt at the feeding unit, which includes the overfeeding roller and a special apron » The fabric is ideally guided in wave form through the drier » The nozzle alignment forces the fabric to a fast and intensive drying, which includes tumbling effect » The moisture control in the chambers is optimized for energy saving » A steaming and vibration chamber enhances the bulkiness and supports the shrinkage process » The exit unit is composed of an inclined wooden lathed belt to cool down the fabrics before plying » Every chamber is equipped with manual lint filters, which can easily be cleaned during operation. Optionally an automatic lint filter system can be built in instead » The process control is easily monitored via Santavision, HMI equipped with touch screen panel

The technically and economically future-oriented design of SANTASHRINK brings a number of application advantages for the operation, which show up eventually finishing in the achievable results.

Advantages of SANTASHRINK

- Easy operation
- High water evaporation power
- High productivity
- Very economical energy consumption
- Extremely uniform temperature distribution in the drying zone
- Highly effective thermal insulation
- Finely adjustable drive system for individual functional ranges, independently controlled
- Distance between upper and lower nozzles adjustable
- Intensive steam and vibration field to achieve a particularly advantageous residual shrinkage and fabric volume
- Excellent residual shrinkage values
- Bulky and soft fabric
- Tensionless outlet
- Very low maintenance sequences
- Easy addition of chambers and other components like pin frame and padders at a later stage

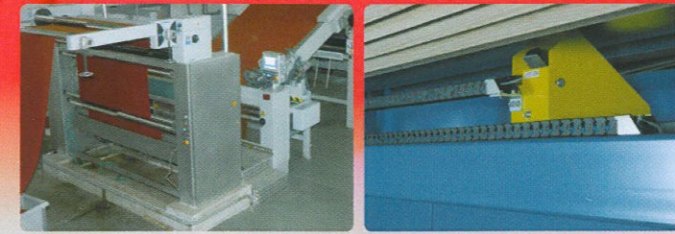


Technical Detail of SANTASHRINK Standard

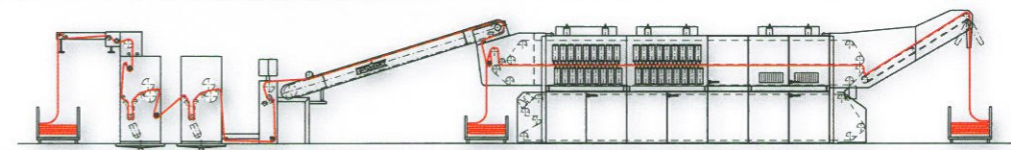
Working width	60 - 420 cm in steps of 20 cm, others on request
Total width	Working width plus 2000 mm
Length of drying chamber	2000 mm
Total machine length	Number of chambers plus approx. 5.5 m. incl. the vibration section
Evaporation capacity	200 kg per drying chamber
Fabric overfeed	0 - 50 % infinitely variable
Fabric guidance	One or more parallel strands according to requirement
Heating systems	Steam, natural or liquid gas or thermal oil

SANTASHRINK Progress

The standard version of the SANTASHRINK series serves as the basis for the SANTASHRINK PROGRESS machine-which is usually equipped with 3 or more drying chambers.

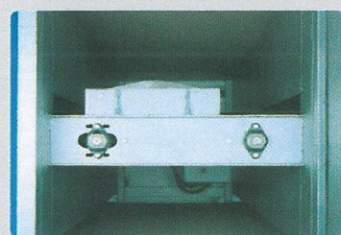


An equalizing frame, which features a needle chain, is the most important part of the extended inlet. The total length of 5.345 m includes a horizontal swivelling section of 4.50 m, which permits gentle opening and overstretching of the fabric. The inlet can be of very simple design with a centering device and a feeding support. In general, however a dewatering-padder is provided and in most cases, also an impregnating padder.

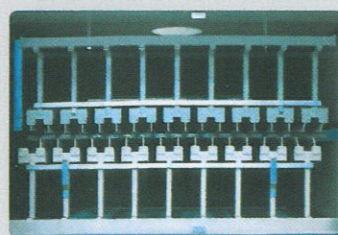


SANTASHRINK

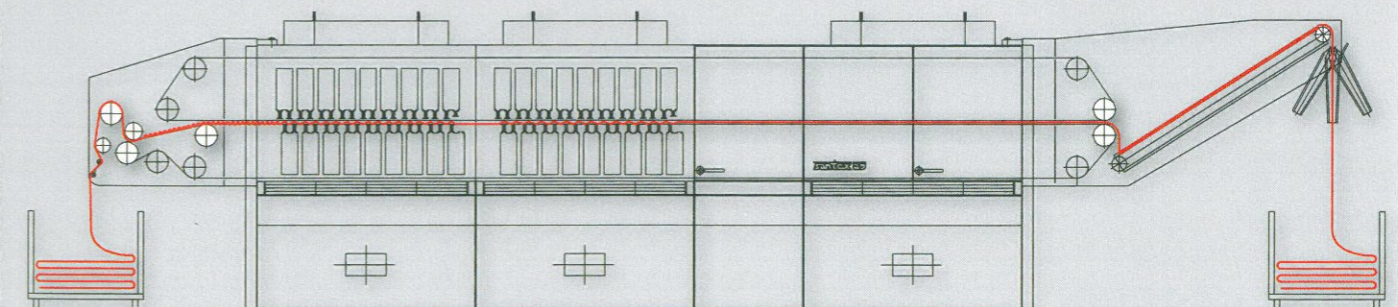
For the shrinkage, relaxation and tensionless drying of tubular or open-width knitted fabrics. The fabric guidance, whether single, double or multiple strand is effected at one treatment level.



Prior to the last treatment chamber, the fabric passes through a steam and vibration section, which helps to enhance the fabric volume and soft fleecy handle.



Nozzles with large volumes of air enables the water to be heated very quick to the evaporation point.



Santex Group Worldwide

- Santex AG
- ISOTEX Engineering S.r.l
- SperottoRimar S.r.l
- Santex (Shanghai) Textile Machinery Co. Ltd
- Santex Engineering India Pvt. Ltd.

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Italy
Italy
Shanghai
India

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SANTEX

CAVITEC

ISOTEX

SperottoRimar

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