

SANTACOMPACT *for levelling, steaming and compacting of open-width knitted fabrics*

» The SANTACOMPACT provides the mechanical basis for highest quality requirements on open-width knitted fabrics » By securing the results of preceding shrinking and relaxing drying and also adjusting the fabric to the minimum possible residual shrinkage values through sensitive additional compressive shrinking in the compacting calander, while treating it extremely gently and preserving maximum volume

Main features: *Width control and equalization of open-width knitted fabric through distortion-free, controlled pinning and width management in an equalizing frame, optionally equipped with individual chain drive adjustment system.*

» 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 the fabric smoothing

Advantages of SANTACOMPACT

No stenter frame treatment required for knitted fabrics made of 100% cotton or cotton blends that do not require heat setting

Minimal residual shrinkage values combined with uniform fabric appearance and soft supple handle thanks to increased volume of the treated fabric

Mesh compression through specially structured patented multilayer felt belt

Pretreatment and after-treatment of printed knitted goods is possible in conjunction with a shrinking and relaxing dryer without any additional machinery in end finishing

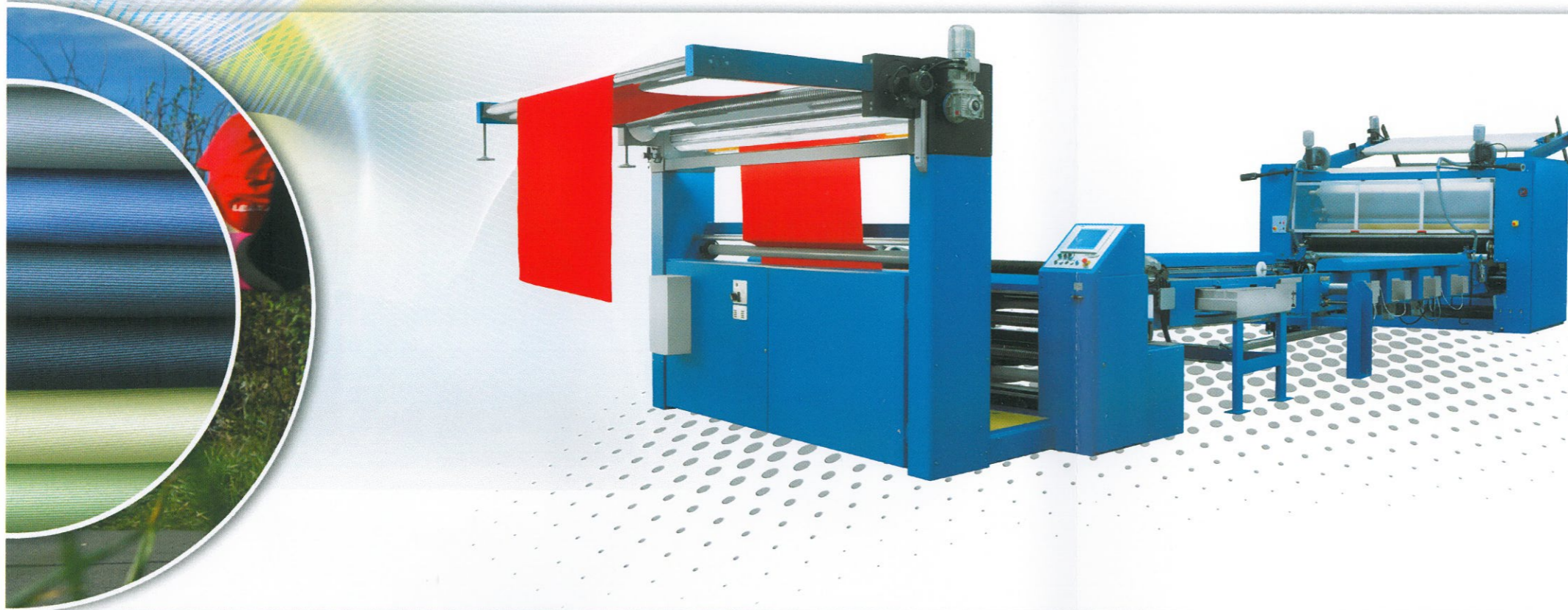
Compact machine layout with great flexibility for operator-friendly operation

Reducing of residual shrinkage by 60%

all drives are synchronised by means of loadcells

touch screen control panel and CPU by Siemens

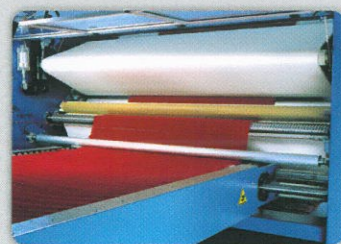
Optionally: Selvage gluing with high-intensity edge drying and subsequent edge trimming und suction for uniform end width



Technical Detail of SANTACOMPACT (Basic machine)

Working width	140 - 260 cm others on request
Machine speed	0 - 50 m/min stepless adjustable 30 m/min average
Working speed	25 m/min with edge gluing and drying
Power supply	Approx 100 kw (average) as required for each installation
Dimension	Length 14 m
Width	Working width + 1.7 m

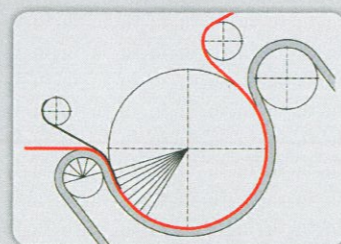
SANTACOMPACT



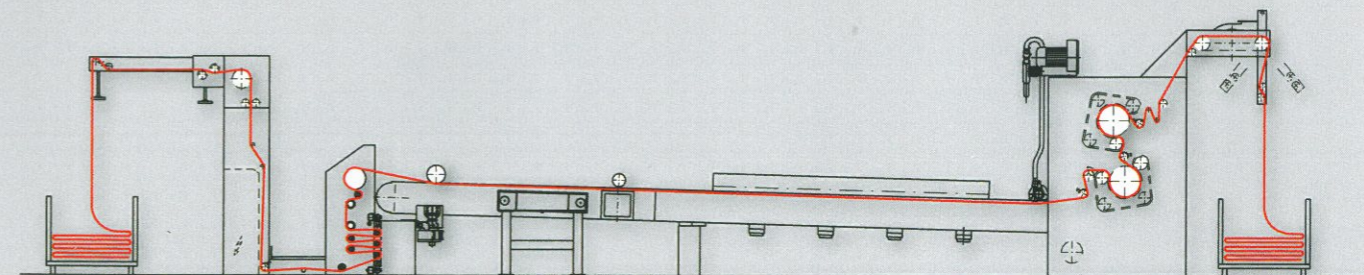
Compacting calander inlet



Edge uncurling and pinning device by E+L



Compacting principle



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.

Switzerland
Italy
Italy
Shanghai
India

Agency Service Location

- * Santex (Shanghai) Textile Machinery Co. Ltd Shanghai
- * Aamra resources Ltd. Bangladesh
- * Pt. Dasahana Indonesia
- * Sadi Söyleriz, Cengiz Yapici Turkey
- * Alfred Grenik Brazil



SANTEX

CAVITEC

ISOTEX

SperottoRimar

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