

SANTEX RIMAR GROUP

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*Tradition is our strength
Innovation is our mission*

CAVITEC® ISOTEX®   SOLWA SperottoRimar

SANTEX RIMAR GROUP Worldwide

- Italy
- Switzerland
- China
- India



CAVIMELT

SANTEX
RIMAR
GROUP

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Rotogravure system

Machines for technical textiles

CAVITEC®

CAVIMELT

Rotogravure system

- » The rotogravure system CAVIMELT is the most commonly applied method for lamination. It is a printing system with an engraved roller, in which little cavities are engraved for transfer of the adhesive to the web substrate.
- » Different patterns are available (round dots, pyramidal, nets, lines, etc.) depending on the laminated product.
- » The adhesive is fed in plasticized form (molten) to a coating head. From the coating head, the adhesive is taken over by the engraved roller, the blank parts cleaned off with a special doctor blade. The adhesive is then transferred onto the substrate passing on the pressure counter roller.

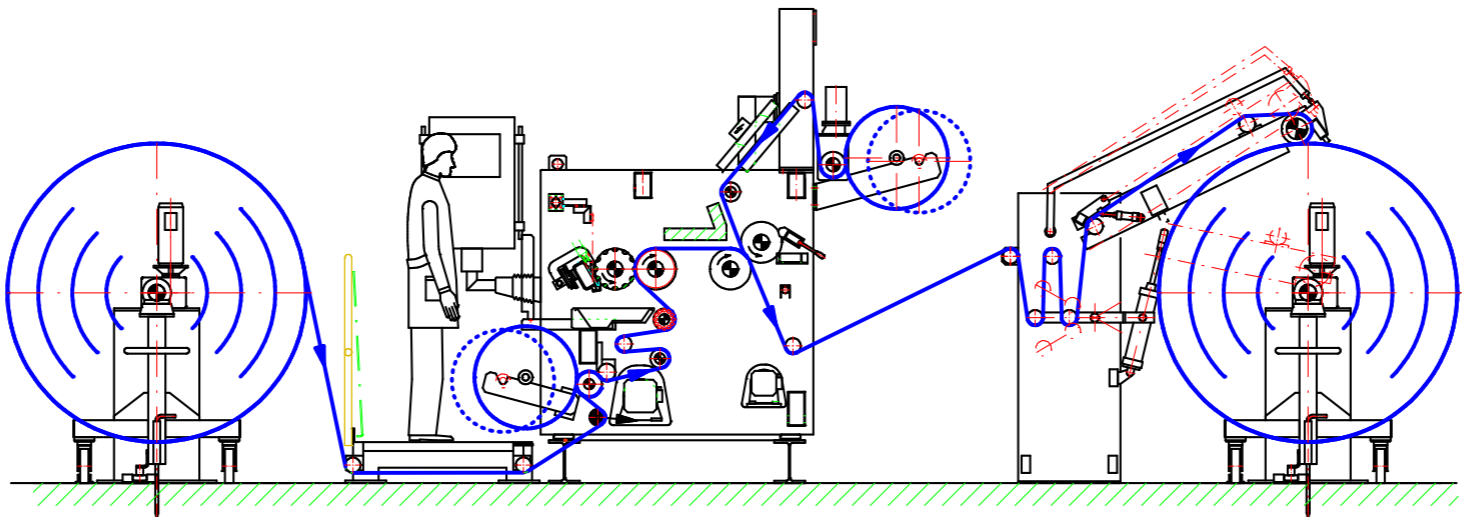
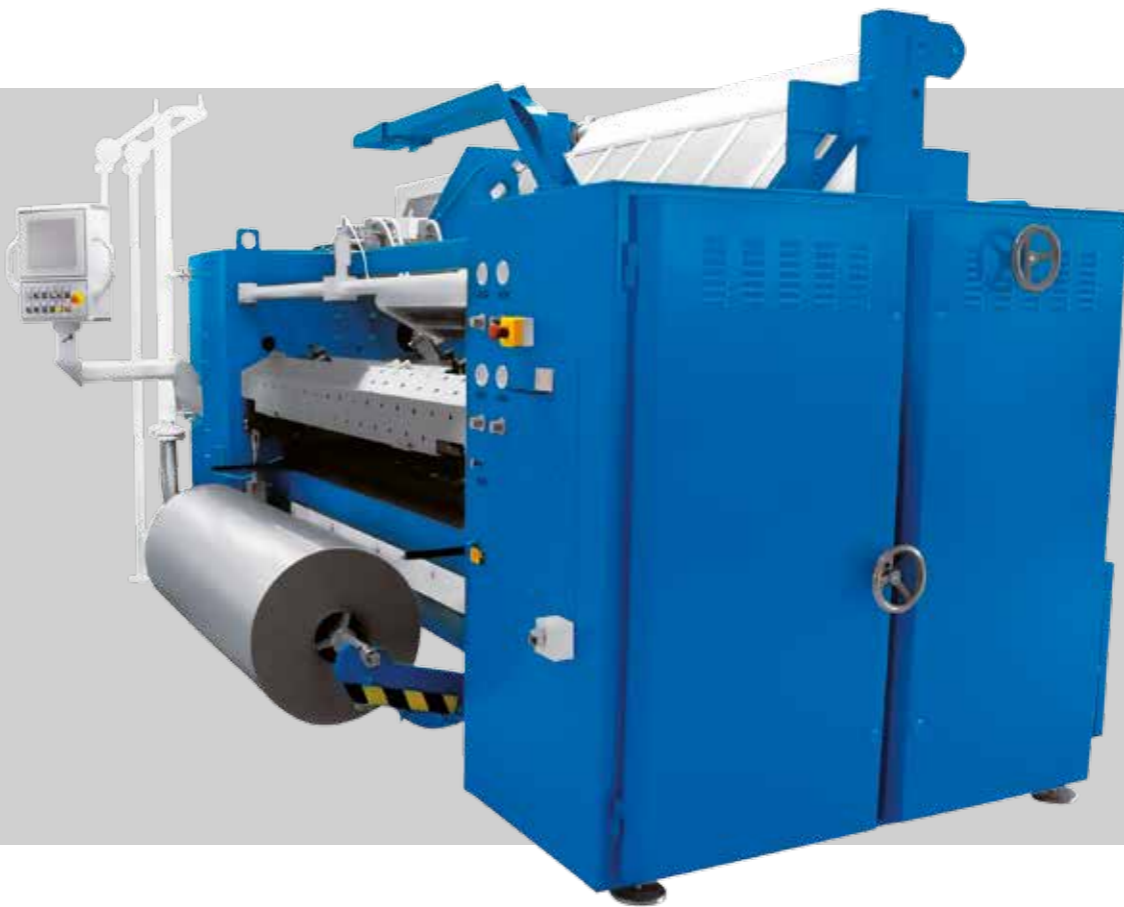


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Advantages of CAVIMELT

The Hotmelt Technology offers a big range of advantages in comparison to conventional coating and laminating processes:

- Environmental-friendly process, free of solvents and water- no auxiliary equipment for the evaporation of exhaust air and other questionable emissions
- Substrates are not subject to any deteriorating thermal stress
- No drying or sintering needed
- Lower power consumption - no special preparation of the coating mass
- Wide range of application and flexibility thanks to the large selection of adhesives
- Simple operation and high production reliability - large choice of substrates
- Dot or a diversity of net-shaped coating patterns
- Laminates with soft touch and surface application according to the specified requirements
- Many of our customers utilize our well-equipped pilot plant to find viable solutions for their laminating requirements or to develop new innovative composites



CAVIMELT

TECHNICAL DATA

Working width	500 - 2600 mm
Working speed	2 - 200 m/min
Adhesives	Thermoplastic adhesive, Reactive PUR
Coating weights	3 – 80 g/m ² (depending on pattern)
Substrate	Suitable fabrics, knitted fabrics, non-wovens, membranes, films, foams