

# SANTEX RIMAR GROUP

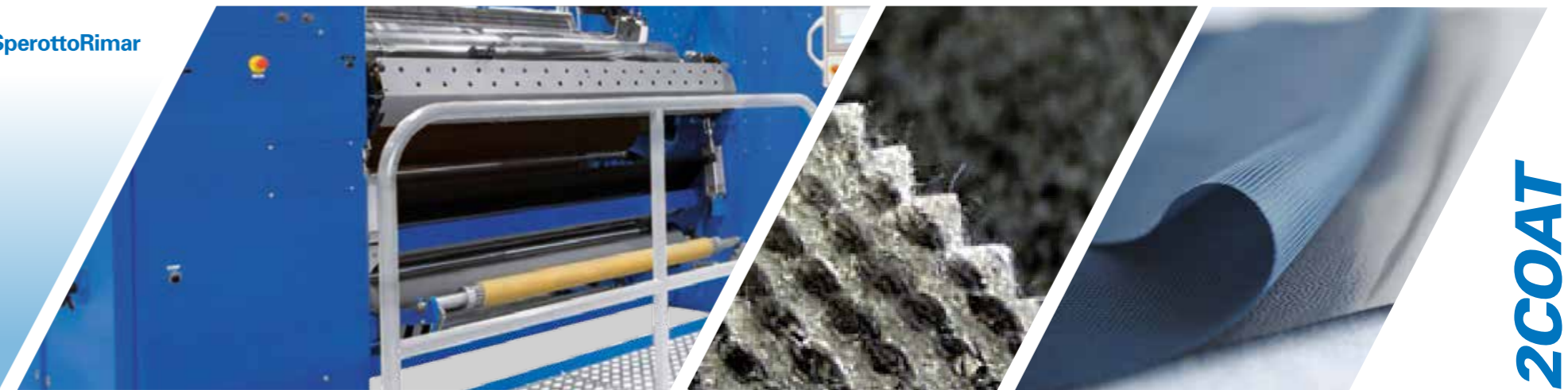
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*Tradition is our strength  
Innovation is our mission*

CAVITEC® ISOTEX®   SOLWA SperottoRimar

SANTEX RIMAR GROUP Worldwide

- Italy
- Switzerland
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- India



CAVI2COAT

SANTEX  
RIMAR  
GROUP

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*Multifunctional coating  
and laminating*

Machines for technical textiles

CAVITEC®

# CAVI2COAT

Multifunctional coating and laminating

## CAVI2COAT offers the rotogravure and a number of multi-roll processes

» **Rotogravure mode:** The adhesive is fed in plasticized form to a coating head. » It is taken over by the engraved roll, the blank parts cleaned off with a doctor blade, the adhesive inside the cavities is transferred onto the substrate passing by on the pressure counter roll.

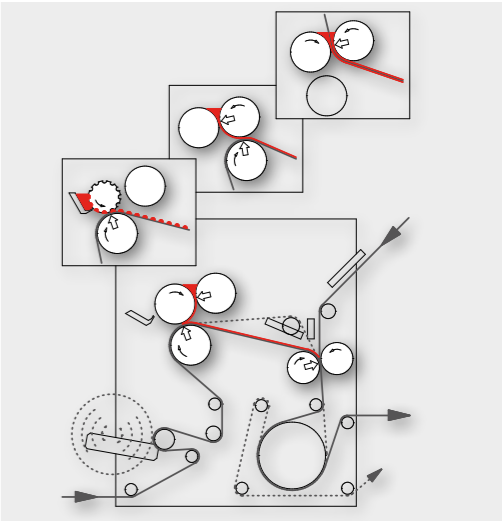
» **Multi-Roll mode:** The adhesive is fed from the melter or the extruder in between the coating and dosing roll. » Depending on the gap between the rolls, a specified quantity of adhesive is transferred onto the substrate. » The coating roll rotates together with the counter pressure roll in the same direction as the substrate for Direct-Coating or the coating roll rotates in counter direction for Reverse-Roll-Coating.

» These processes allow a one side full-surface or irregular-open coating surface.

» Another option is when the substrate passes through the gap of the coating and dosing roll. » It is dipped through the adhesive and enables Both-Side-Coating.

The coating modus can be changed between rotogravure and fullsurface coating.

Innovative technologies for highest coating precision with enormous flexibility and short downtime.



### Advantages of CAVI2COAT

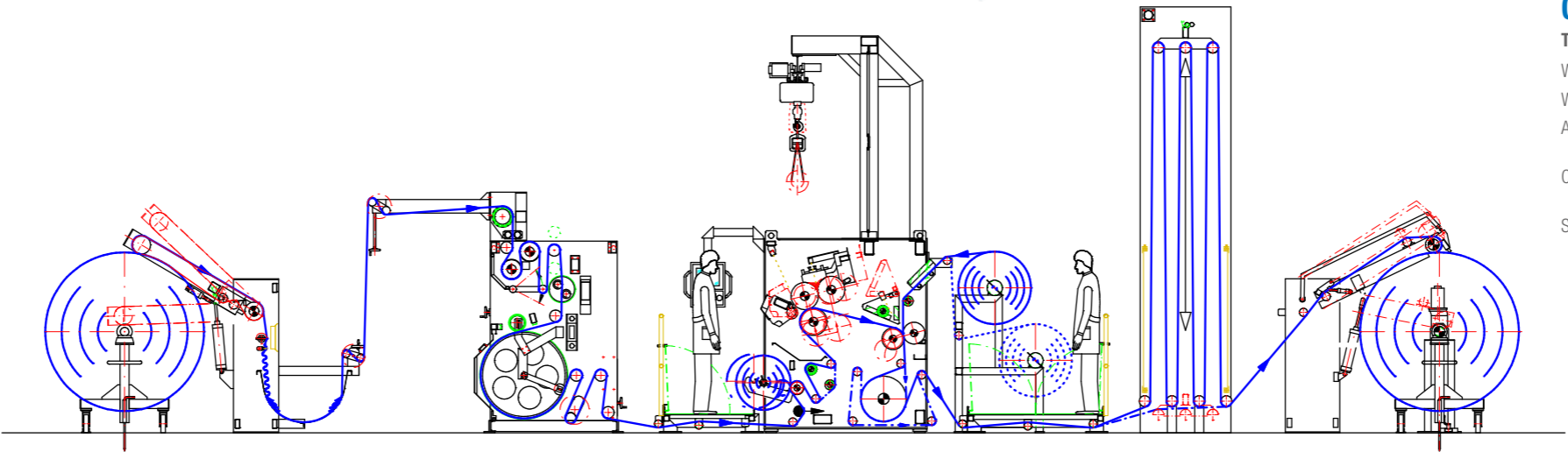
- Environmental-friendly process, free of solvents and water
- No auxiliary equipment for the evaporation of exhaust air and other questionable emissions
- Substrates are not subject to any deteriorating thermal stress
- No drying or sintering needed
- Lower power consumption-no special preparation of 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
- Full surface, dot or a diversity of net-shaped coating patterns



High precision dosing and coating rolls enable a perfect full surface coating process. The dosing roll can be replaced by a rotogravure roll for partial and dot coating process.



The backing roll is placed underneath the coating roll. The position can be preselected between Reverse-roll and Direct coating process.



### CAVI2COAT

#### TECHNICAL DATA

Working width	1200 - 2600 mm
Working speed	up to 80 m/min
Adhesives	Thermoplastic adhesive, Reactive PUR
Coating weights	3 - 80 g/m <sup>2</sup> (rotogravure) 10 - 500 g/m <sup>2</sup> (full-surface)
Substrate	Suitable fabrics, knitted fabrics, non-wovens, membranes, films, foams

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