

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



CAVI SCAT

SANTEX
RIMAR
GROUP

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*Scattered coating and
laminating*

Machines for technical textiles

CAVITEC®

CAVI SCAT

Coating and laminating lines with scattered coating of adhesive material

» CAVISCAT scatter units completed to processing lines with infeed, web guidance, tension controls, infrared sintering channel, calender, rewind, etc. » Same line can be used both for scatter coating and for lamination. Electrical infrared heaters of medium wave radiation for best absorption and extremely fast reaction time.

» The bulk solids are fed into the scatter trough over the entire scatter width by a travelling feed hopper.

» A dosing roll, covered with different needle types, or cavities, or sand paper, feeds the material downwards. Material quantity is adjusted via the rotation speed.

» Material is removed from the dosing roll by oscillating or rotating brush. Screens mounted underneath into the falling path to further ensure even distribution over the entire width of the web.

» Material falling through open webs, or excess material at the sides are collected and transported to outside of the unit by a vibrating channel

Optional: additional brush at the return side. Various types of mechanical devices to prevent material blockage (bridge build-up). Complete recycling systems to classify the material and convey it back into the process. Suction devices to prevent room contamination. Powder feeding and conveying systems (pneumatic or screw type). Bag and big bag emptying systems, agitators, bridge breakers, ionization devices.



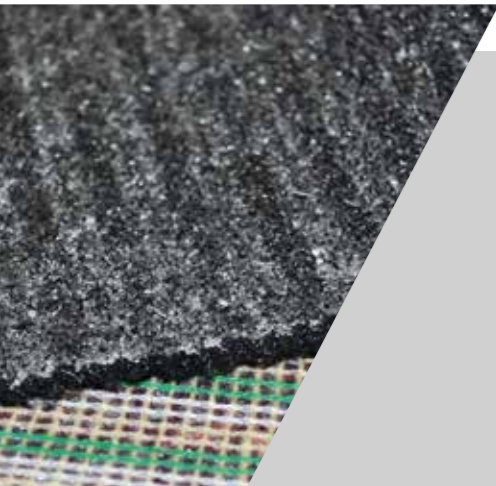
Needle belt with brush



Special cavities

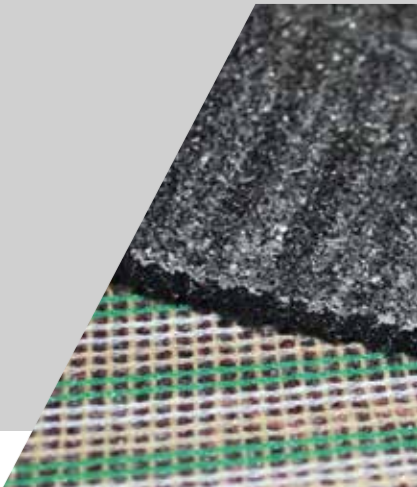


Calender

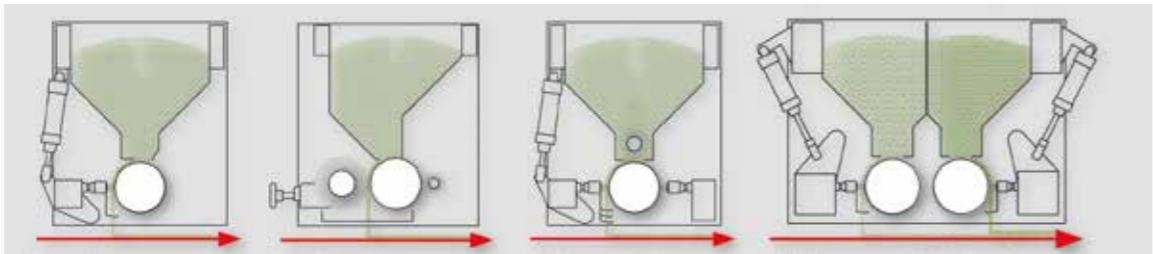


Accurate scattering of various bulk solids

- Thermoplastic powders
- Pellets, granulate, flakes
- Activated carbon powder
- Aluminium oxide abrasives
- Mica powder
- Recycle polymer pellets
- Fine powders, talcum
- Flock material
- Phenolic powder



CAVISCAT - accurate scattering by dosing doll

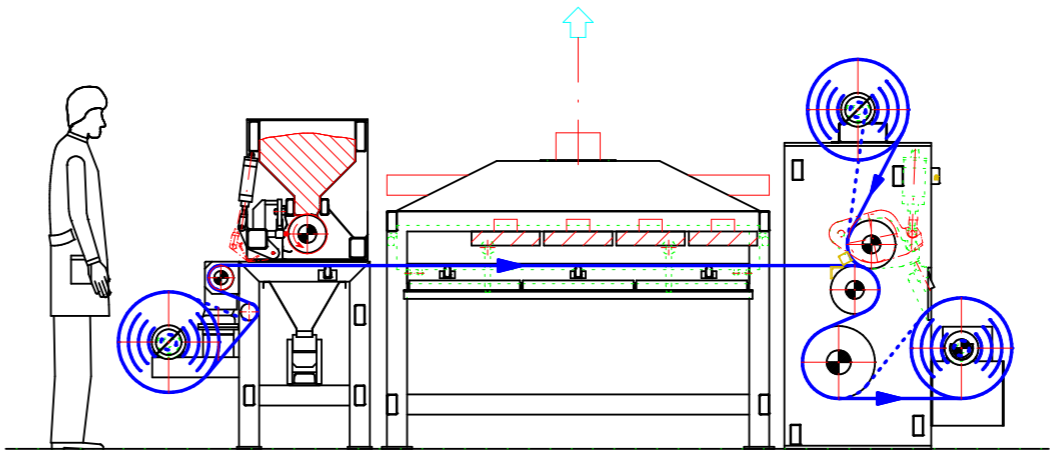


For powder

For pellets or chips

For fine powder, talcum

Double scatter unit for 1 or 2 products



CAVISCAT

TECHNICAL DETAILS

Working width	max. 7000 mm
Scatter capacity	up to 4000 g/min (per m width)
Powder size	up to 2000 µ (larger for chips, flakes, etc.)
Utilization	nonwovens, carpets, automotive interior, filters, composites materials, lamination, flooring, hygiene (SAP)

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