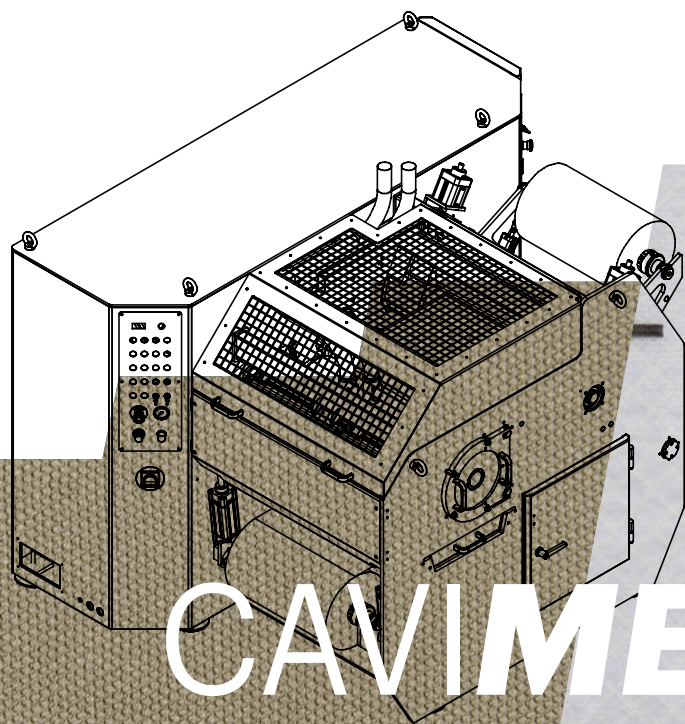


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CAVIMELT-TSM

Hotmelt coating and laminating trial
and sampling machine

Machines for
technical textiles

CAVITEC

CAVIMELT-TSM

The TSM machine is a small scale hotmelt coating and laminating machine with engraved roll coating system.

It has unwinders for the two webs to be laminated and a rewinder for the laminate. This small machine is ideally suitable for

- laboratory trials
- production of samples
- training, education
- production, if the fabric width is small

The TSM machine is, therefore, a good investment for coaters and laminators, educational institutes, adhesive suppliers, etc.

The dimensions of the engraved roller and counter roller, as well as the coating head, are the same as in the actual full scale production machines Cavimelt and Caviflex. Hence, the process parameters for the real production can be determined on the TSM machine, without interruption of the production schedule.

For thermoplastic hotmelt, the TSM machine is equipped with an infrared heater between coating and lamination, so that the adhesive is kept plasticized

for good bonding, similar to the situation in the actual production machines.

The engraved roll is consisting of a heated steel core with a pattern sleeve.

The pattern sleeves are easily exchangeable, so that various different pattern sleeves can be used.

For ease of maintenance and operation, especially for trials requiring quick adjustments, the control is by conventional buttons and potentiometers, not with a programmable PLC system.

The electrical control cabinet is integrated in the machine frame. The TSM machine only has to be

connected to electrical power and compressed air.

The machine is supplied together with a thermo oil heater, for maintaining a constant temperature in the coating head and the engraved roll.

CAVIMELT-TSM

TECHNICAL DATA

Working width	500 mm
Working speed	5 - 15 m/min
Dimensions	2000 x 1650 x 1500 mm L x W x H
Adhesives	Thermoplastic hotmelt reactive PU hotmelt



MACHINE ENTRY



COATING HEAD



MACHINE EXIT

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