



add value to your production

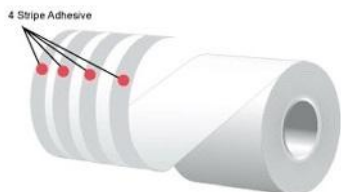
equipment & turn-key lines for hot melt adhesive application

HIP-MITSU: PRODUCE YOUR OWN PRESSURE SENSITIVE MATERIAL

The technology of HIP-MITSU allows for the production of high quality pressure sensitive material and for the creation of new and original constructions.

- You can **convert any type of paper, board or film into self-adhesive material**. This includes clear material for no label look applications.
- Create **new and original products** which cannot be duplicated by competitors, such as:

- ✓ **Linerless** labels: pressure sensitive material without a liner can easily be produced.



- ✓ Print the facestock (**top, back or both sides**) with any printing process before making the label



- ✓ Laminate **multi-webs** in register e.g. multi-ply label / coupon



- ✓ Use **special hotmelt** adhesive, to meet the special needs of your customer



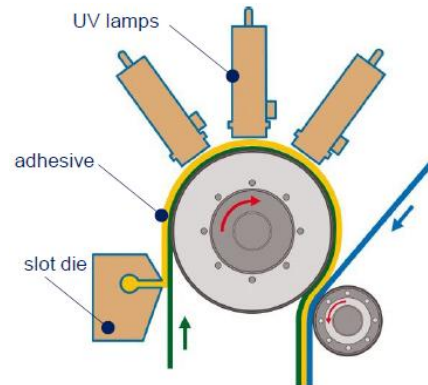


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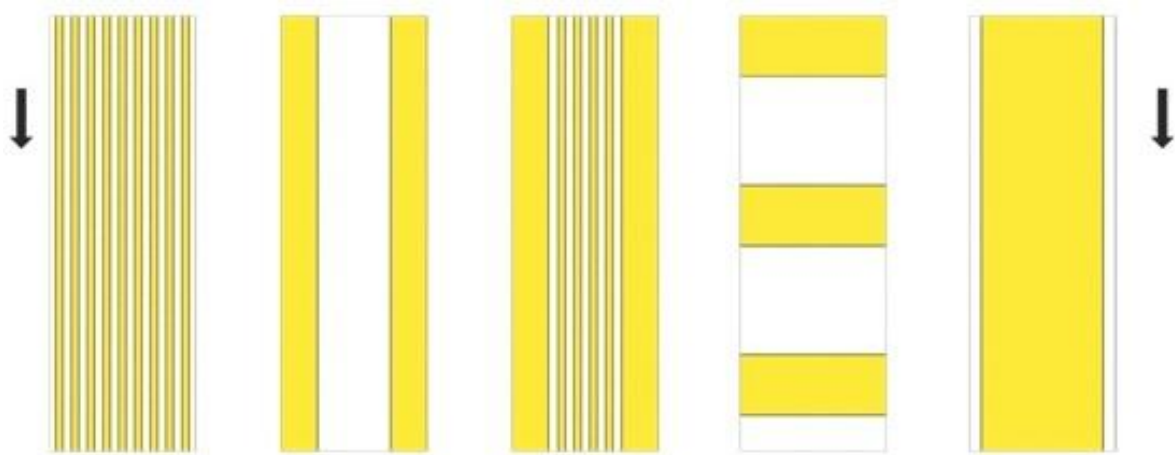
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- ✓ Use UV curable pressure sensitive hotmelt, for the production of **labels with a high added value**

The unit can be designed with a curing system for UV curable pressure sensitive hotmelt based on acrylic, which combines the easy handling properties of hotmelt with the clean removability of acrylic.



- **Partial coating:** adhesives can be coated in custom patterns such as continuous, intermittent, multiline or combined, allowing you to save costs (up to 90% adhesive) and create added value



- **Customized to your application:** adhesive thickness is adjustable to produce the optimal holding strength in your application. Many applications require a temporary hold and others require a permanent bond.

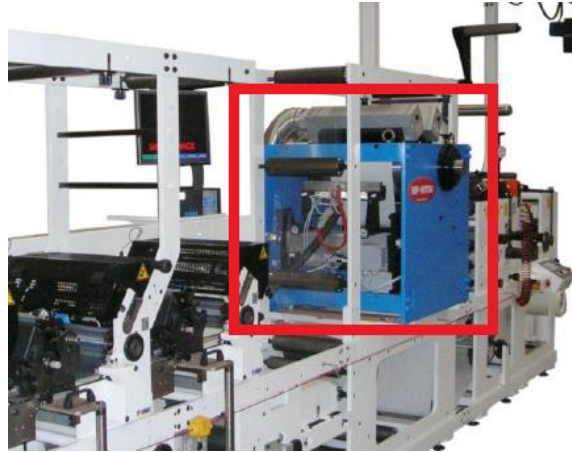


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In the attached **catalogue** you'll find more detailed information regarding:

- **In-line units** (page 9 to 11) which can be integrated in your new or existing printing press to produce a finished self-adhesive label



- **Off-line units** (page 12 to 13), stand-alone units for the production of self-adhesive rolls to feed existing presses;



- Company profile (page 2 to 3): HIP-MITSU is based next to Venice (Italy), has been operating in this field since 1994 and is owner of several international patents.
- **Competence Center** (page 18) where you can test every system produced by HIP-MITSU with your own materials

GENERAL PROCESS

Either the liner or the facestock (pre-printed or not) are coated with adhesive before being joined in the lamination process. Any paper, film, foil or board can constitute the facestock.

The adhesive is heated and melted in the drum or tank and pumped through hoses to the coating head (slot die).

The hotmelt pattern adhesive unit is designed for easy, accurate and clean edge adhesive application in register with a high running speed of 150 m/min with high quality coating.

The off-line unit includes individual unwinding systems for the liner and the facestock and a rewinder for the labelstock

