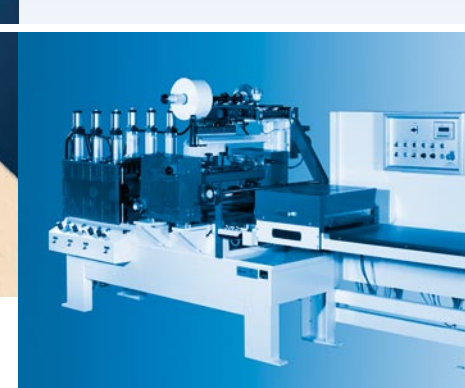
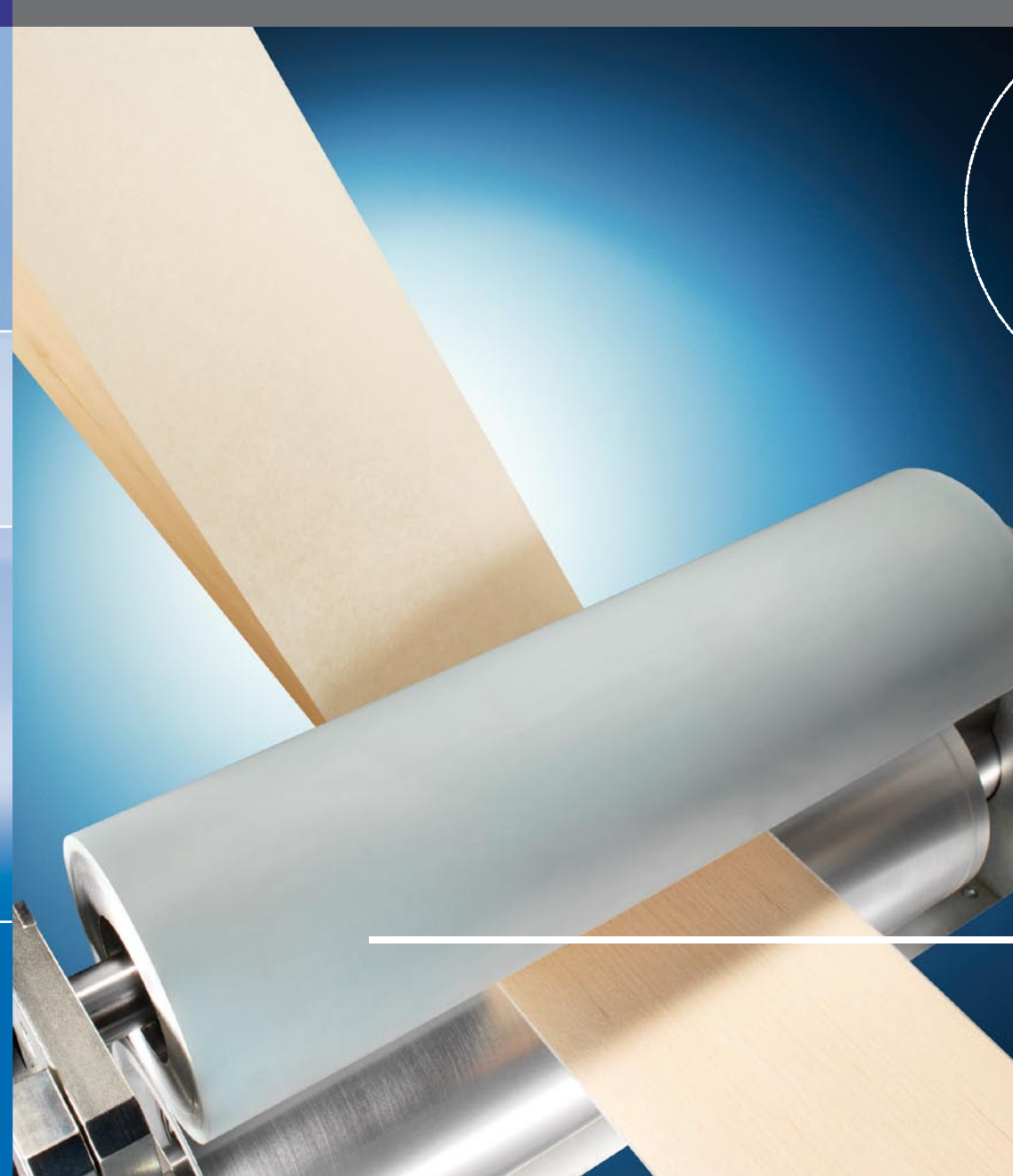
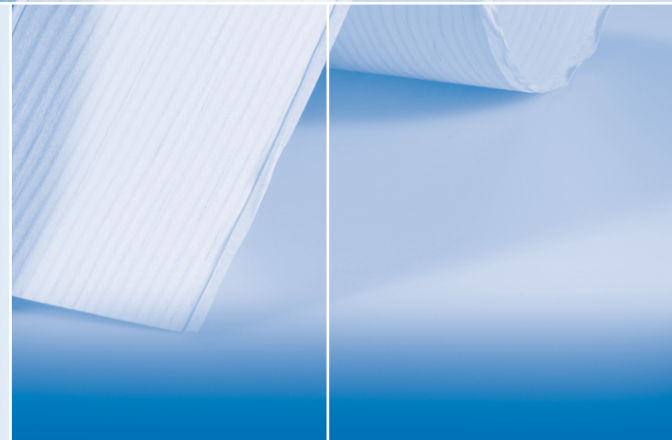


FLM 400 PUR



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FLM 400 PUR

# Laminating Machine





# Laminating Machine

## FLM 400 PUR

Its advantages at a glance:

- Laminating and doubling – two processes in one machine
- Extremely heat and humidity-proof final product by using PUR adhesives
- Low energy consumption thanks to reduced heating power
- Uninterruptible, continuous operation
- Highest possible production speeds
- Compensation of veneer gauge tolerances via precise and individually adjustable calender station
- High edge guiding precision via alignment units



A pneumatically regulable controller cylinder ensures an exact guide of the veneer roll in the infeed table.



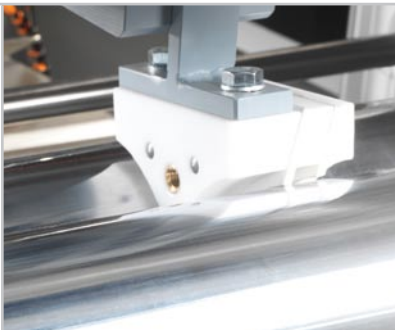
The pressure cylinders in the calender station allow being adjusted precisely and individually in 0,02 mm steps.

Laminating and doubling – the FLM 400 PUR is the first machine unifying these both processes in one machine. Thanks to its unique design the machine does not only laminate raw fleece on veneer (strip or roll material) but doubles even two veneer layers on each other for the production of thick veneers. A further asset of this innovative line: It works with a polyurethane adhesive (PUR), which assures both a qualitatively better bonding than conventional PVAc glues and to achieve production speeds never achieved before: In fleece lamination more than 80 meters per minute and in doubling up to 40 meters per minute. Through both an automatic web regulation of the fleece unwinder and the exact veneer guide the FLM 400 PUR ensures an optimum edge precision at these high speeds. The fleece roll to be unwound is made follow up exactly the continuous veneer sheet. A forced guidance operation ensures the precision of doubling.

The FLM 400 PUR offers highest processing speed during lamination combined with high flexibility by doubling in one machine only.



Infinitely variable scrapers ensure the desired glue application width.



Technical data:

|  |                                  |
|--|----------------------------------|
| Working width:                         | 400 mm                           |
| Transport speed:                       | 0 – 60 m/min (faster on request) |
| Working speed:                         | subject to kind of veneer        |
| Heating power of laminating cylinders: | 10 kW                            |
| Heating power of radiators:            | 6 kW (12 kW)                     |
| Voltage:                               | 400 V, 3 ph, 50 Hz               |
| Overall length:                        | 5.300 mm                         |
| Overall height:                        | 1.800 mm                         |
| Overall width:                         | 1.800 mm                         |

Glue quantity and application width are exactly defined through gap and scraper.

