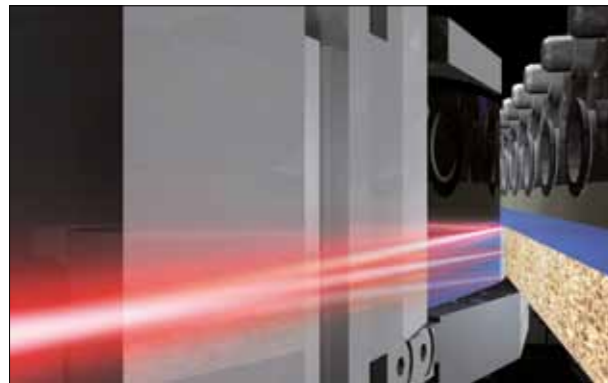


KLEIBERIT LASERMELT[®]

laserTec means first class bonding results: you achieve a joint which is not visible. Due to the ideal bond, the bond strength of the edge to panel is much higher than with conventional processes.



The polymer, capable of flowing, penetrates into the structure of the panel and cures. This leads to a mechanical fastening (adhesion) of both substrates.

The process omits the use and change of hot melt adhesive on edge banding machines and is therefore more cost and energy efficient.



laserTec is a **HOMAG** developed process

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 Competence **PUR**

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KLEIBERIT 787/786 LASERMELT[®]



... with **laserTec**[®]

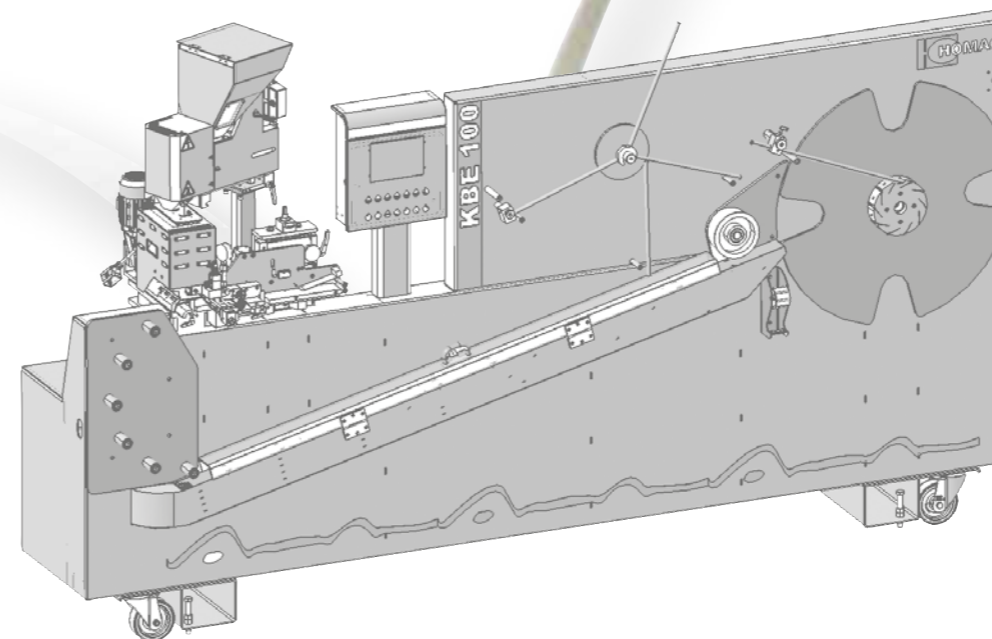
Perfection in Look and Performance!

Competence **PUR**

KLEIBERIT LASERMELT[®] – individual laser edge pre-coating

- Perfect joint appearance
- Lasermelt and edge material as one component
- More efficient production process
- Free choice of edge material
- Independent pre-treating of smallest lots
- High temperature resistance
> 140°C (depending on the edge material)

KLEIBERIT LASERMELT[®] is applied to the edge band with a special slot nozzle technology with the edge pre-coating line. As it is applied with a slot nozzle and adjusted to the edge material and the **laserTec** process, LASERMELT[®] is formulated so that when it's applied to the panel material, there are ideal bond properties, and above all, a nearly perfect joint appearance.



Edge Pre-coating Line 

Edge and adhesive - **all in one**

- LASERMELT[®] coating and bonding processes take place independently from each other.
- Edge band and lot sizes can be freely chosen.
- Adjustment of the colour to the colour of the edge band, so the joint is not visible.

New Edge Technology

KLEIBERIT LASERMELT[®] and the **laserTec**-process are ideally matched. KLEIBERIT LASERMELT[®] can be adjusted and used depending on the type of laser, machine and edge.

KLEIBERIT LASERMELT[®] 787 KLEIBERIT LASERMELT[®] 786 PO

Technical data:

- **Current colours:** white, ivory mahogany, black
- **Application temperature:** 200 °C - 230 °C
- **Viscosity:** 70,000 mPas at 200 °C
- **Use for:** polyester edges, veneer edges, melamine resin edges (laminated edges), PVC and ABS edges with pre-treated back, resin impregnated paper edges.