

## Detailed modular construction kit

Infeed	Glue spreader machine	Lay-up station	Laminating calender	Outfeed	FKW 100 Standard sheet material		
Infeed	Glue spreader machine	Lay-up station	Laminating calender with unwinding unit	Outfeed	FKW 100 Standard sheet and roll material		
Infeed	Glue spreader machine	Lay-up station	Laminating calender	Intermediate transport	Re-pressing calender	Outfeed	FKW 100 High gloss sheet material
Infeed	Glue spreader machine	Lay-up station	Laminating calender with unwinding unit	Intermediate transport	Re-pressing calender	Outfeed	FKW 100 High gloss sheet and roll material

Further expansion equipment, e. g. cutting units, 2D-laminating etc. on request

## FKW 100 Flat laminating line



**FRIZ**  
Kaschiertechnik GmbH

Im Holderbusch 7  
D - 74189 Weinsberg  
Telephone: +49 (0) 71 34-505 - 0  
Telefax: +49 (0) 71 34-5 05 - 73  
E-Mail: [info@friz.de](mailto:info@friz.de)  
[www.friz.de](http://www.friz.de)

FRI\_09.09\_FKW100\_ENG

**INDUSTRY**

With system to success.

# FKW 100

## Flat laminating line

### Field of application:

Modular laminating line to apply laminating materials onto plane core materials using PUR hotmelt. Laminating material can be used as sheets or coiled.

### Core materials, e.g.:

- MDF
- Chipboard
- honeycomb board
- Multiplex
- Multilayer board
- Plasterboard
- OSB
- Components for sandwich production

### Laminating materials, e. g.:

- High gloss foils
- CPL
- HPL
- Veneer
- Decor paper
- Aluminium

### Adhesive types:

- PUR hotmelt



### The machine consists of:

1. Infeed roller conveyor, with surface brush and infrared workpiece preheating
2. Glue spreader machine with top glue spreader roller rubberized, bottom counterpressure roller made of steel. Both rollers are each driven by a frequency controlled motor. 1 ductor roller top, hard-chromed, electrically heated and driven. Glue spreader machine can be manually moved out of the line into cleaning position.
3. Lay-up roller conveyor between glue spreader machine and laminating calender to apply the top cover layer manually when using sheet material. Including stopping and centering device and inclined ramp.
4. Laminating calender to press core material and cover layer together. Laminating calender with 1 pair of rollers made of steel.
5. Outfeed roller conveyor with adjustable drive



At FRIZ, materials, adhesive applications and systems engineering harmonize in perfect interaction.



The result:  
premium high gloss elements

Technical data	
Working width	max. 1.300 mm
Workpiece width	200 - 1.300 mm
Workpiece thickness	8 - 80 mm
Workpiece length	1.200 - 2.500 mm (alternatively up to max. 4.300 mm)
Cover layer length when using sheet material	1.200 - 2.500 mm (alternatively up to max. 4.300 mm)
Feed speed	6 - 30 m/min.