



KUPER FLI 1000

Veneer Splicing Machine

Patent pending

KUPER

KUPER FLI 1000

First-class veneer joints for highest quality.

Die neue Generation der KUPER Zick-Zack-Furnier-
Joining precious veneers precisely.

The KUPER FLI 1000, bestseller within the wide
range of the KUPER glue-joining machines, combines
innovation and approved technology.

Function

Veneers which are exposed to high temperatures during the further processing (e.g. wrapping or membranepress technology) are joined preferably with urea based glues.

To fulfil this task a special process of heat supply and simultaneous pressure over a longer transport section is necessary. When operating preglued veneers an even higher capacity is achieved. For small series or special applications the KUPER FLI 1000 is delivered with an integrated glueing aggregate as standard component.

Advantages at a glance

STURDY due to solid steel stand construction

PRECISE exact glue application and sensitive pressing system

MAINTENANCEFREE due to directly driven special non heat conductive fibre chains

MATERIALSAVING no stains or shrinking of the veneer

ENERGYSAVING due to extremely narrow heating zone



Technical data

Throat depth	1000 mm, on request 500 mm*
Veneer thickness	approx. 0.3 – 2.5 mm with internal glue application** approx. 0.3 – 5.0 mm with external glue application**
Veneer strip length minimum	approx. 350 mm
Veneer strip width minimum	45 mm
Feed speed	approx. 12 – 55 m/min.
Length of heating section	1200 mm
Operating voltage	400/230 V, 3 Ph + N + PE, 50/60 cycl. or special voltage
Total connected load	approx. 11.8 kVA
Compressed air consumption	5 NL/min. 6 bar
Floor space	approx. 2270 x 1870 x 1530 mm

* also optionally available in an operating width of 2400 or 3600 mm

** Subject to material tests

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Innovative details and options

Clearly arranged operating panel

All parameters for operating the machine are set and controlled at the clearly arranged operating panel.



Precise glue-application system

Outstanding feature of the glue application system is the almost level glue disc. This allows a very exact glue application which excludes glue discharges from the joint almost completely.



Exact veneer transport

The approved and patented sliding rail system allows the employment of high quality non heat conductive fibre chains. These are 100% maintenance-free – absolutely no lubrication necessary. Staining or measling as effect of a combination of condensed water and metal abrasion is excluded. Thanks to the extremely narrow heating zone delicate veneers are spliced sensitively and shrinking of the veneers is reduced considerably.



Options

Cooling of the glue pot

The glue cooling prolongs the pot-life of the urea-based glue considerably, so a long, non-stop operation of the machine is achieved.

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