



KUPER KLM 470/700

Glue application machine for veneer bundles

D.B.P. and foreign patents

KUPER

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Precise glue application for veneer bundles.

Exact glue application for clean results.

The KUPER KLM is used for precise application of glue to the edges of veneer bundles. Both PVAc and urea-based glues can be used.



Function

The operator places the veneer bundle which has been cut parallel before onto the transport rollers. Height of the veneer bundle is detected by a laser at the infeed of the machine. Depending on this height all parameters for alignment and glueing process of the bundle are adjusted automatically.

The special concept of the top pressure device makes it possible to press the veneer bundle on both sides in the area of the glue rollers. This safely avoids any glue penetrating into the bundle! The very precise glueing and the high efficiency make the KLM your best choice. By linking the KUPER KLM with the double knife guillotine KUPER ZFS the efficiency is even further enhanced. Data flow is provided by the Siemens S7 control then. The information "width of bundle" is communicated from the ZFS to the KLM. The alignment rollers open accordingly with high speed to the corresponding opening position.

Advantages at a glance

- all drive elements maintenance free
- simple cleaning of the glueing aggregates
- fast take-out of single rollers from the infeed conveyor
- high alignment and feed speed
- longer pot-life of the glue due to reduced rotation speed of the glue rollers in stand-by
- left- or righthand execution allow the integration of the machine into existing production lines



Photo shows option cooling of the glue pots.

Technical data

Feed Speed	approx. 35 m/min.
Length of veneer bundle	from approx. 250 mm
Width of veneer bundle	approx. 50 – 470 mm or approx. 50 – 700 mm
Height of veneer bundle	approx. 3 – 50 mm
Operating voltage	400/230 V, 3 Ph + N + PE, 50 Hz cycl. or special voltage
Total connected load	approx. 5,7 kVA

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Innovative details and options

Touchpanel

Important functions of the machine are put in and read out over the central touchpanel. Operation parameters for different veneer species can be stored in and recalled from a data base.



Top pressure unit

The special concept of the top pressure unit enables a both-sided pressing of the veneer bundle during the glueing process. With this new technology the penetration of glue into the veneer bundle is avoided.



Option

Cooling of the glue pots

Operating the optional cooler prolongs the pot-life of urea-based glues considerably, resulting in more continuous working hours without interruptions.

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