

KUPER. Precision and quality made in Germany.

KUPER FL/Innovation

The KUPER FL/Innovation with its integrated glueing device can also process veneers which have been preglued on the KUPER KLM before. The KUPER FL/Innovation can be operated at an even higher feed speed then.

KUPER ACR-Speedstar

Consequently developed for the veneer-processing companies of the furniture-, door- and panelindustries: the KUPER ACR-Speedstar.

Veneers preglued with the KUPER KLM are processed in crossfeed manner with the KUPER ACR-Speedstar to veneer carpets of finest quality. With this machine KUPER now offers the most favourable "value for money" solution for a solid glue-line splicer.



KUPER

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Subject to design modification.

05/07

KUPER KLM



Glue-application Machine for Veneer Bundles

D.B.P. and foreign patents

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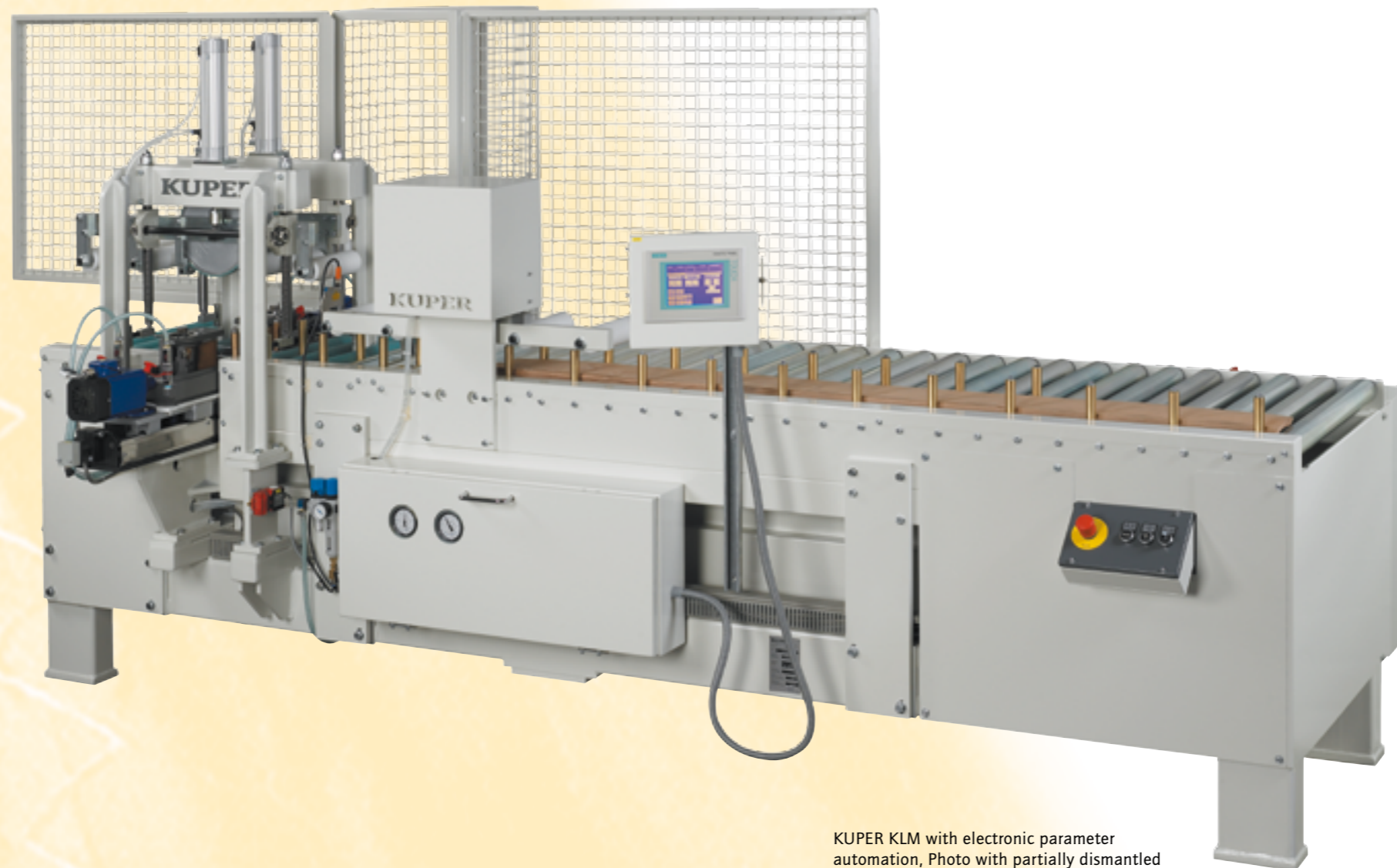
The KUPER KLM

Exact measuring of the glue

The glue-application Machine KUPER KLM

For precise application of glue to the edges of veneer bundles the KUPER KLM is employed. Veneers are cut parallel as usual by an ordinary guillotine. The operator places the veneer bundles onto the roller conveyor which is then feeding it to the gluing heads. The height of the veneer bundle is laser-measured at the infeed of the machine. Depending on this height the parameters for the alignment and the glue-application are set automatically. For different species these sets of parameters can be revised, stored and recalled in the machine database. Communication with the machine is provided by the touchscreen panel at the infeed area of the machine. Data-flow is provided by the SIEMENS S 7 control so information "width of the bundle" just cut with the KUPER ZFS is given to the KLM which opens accordingly.

By passing the rollers, a thin film of glue is precisely applied to the edges of the bundle. As soon as the water of the glue has evaporated, the veneers can be processed in the KUPER butt joint splicers. PVAc as well as urea type glues can be applied with the KLM. The KUPER KLM can also be used replacing the special gluing guillotines. In this case the cutting of veneerbundles with a two-knife guillotine is recommended.



KUPER KLM with electronic parameter automation, Photo with partially dismantled safety fence and without glue pot cover



With the standard execution of the KLM parameters are set manually and the veneer is automatically transported to the alignment and glueing section accordingly.



Efficient glue-cooling prolongs the pot-life of the glue considerably.

Technical data

Length of veneer bundle	from 350 mm
Width of veneer bundle*	50 – 400 mm
Height of veneer bundle	from 5 mm
Infeed Speed	approx. 28 m/min.
Operating voltage**	400 V, 3 Ph+N, 50 cycl.
Total connected load	2.0 kW
Compressed Air	6 bar, approx. 10 NL/min.
Working height	900 mm
Dimensions (WxLxH)	411 x 175 x 175 cm
Netweight	approx. 1200 kg

* other veneer lengths on request

** standard (if neutral wire is missing in the supply system, a transformer has to be installed)