



**NEW**

# KUPER FLI 1000

Veneer Splicing Machine

**KUPER**

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## Highest efficiency in veneer splicing with innovative technology.

### Joining precious veneers precisely.

The KUPER FLI 1000, the bestseller of the wide range of KUPER veneer splicing machines combines innovation and proven technology.

Innovative technology in connection with highest manufacturing standards ensures precise veneer splicing.

The result of the new KUPER FLI 1000 is a proven heat supply method, simultaneous application of contact pressure and precise guidance of the valuable material, connected with an intelligent energy management.

The insensitive control panel, which can also be easily operated with gloves, displays all parameters and considerably reduces the machine start-up time.

The innovative glue application system ensures precise glue application to each veneer thickness.

The performance range of the machine is additionally extended by an optionally available compact cooling unit, which prolongs the glue pot life essentially or by the option packets for processing micro and thick veneers.

The feeding speed is increased when processing pre-glued veneers.

### Advantages at a glance

#### Maintenance-free

high efficiency plastic chains prevent heat conduction and stains

#### Heating system with high efficiency

and an effective heating width of only 12 mm

#### Intelligent energy management system

with increased capacity and improved standby mode

#### Innovative veneer infeed device

with disc gear and tolerance compensation mechanism for an offset-free infeed

#### Integrated glue application system

for single side application up to a veneer thickness of 2.5 mm

#### Insensitive control panel

with storage function





## Technical Data

Throat depth	1000 mm
Veneer thickness*	approx. 0.4 – 2.5 mm, optional from 0.25 mm and up to 5.0 mm*
Veneer length	from approx. 300 mm
Veneer width	from approx. 35 mm
Feed speed	approx. 12 – 55 m/min.
Heating zone	Length: 1425 mm Width: 12 mm
Operating voltage	400/230 V, 3 Ph + N + PE, 50/60 Hz or special voltage
Total connected value	approx. 4,1 kVA (16 A use required)
Air consumption	5 NL/min. at 6 bar
Space requirement	approx. 2300 x 1820 x 1500 mm

\* Subject to material tests, depending on the wood type

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## Innovative Details and Options

### Clearly arranged control panel

All parameters required for machine operation can be easily set and read via the clearly arranged control panel. The set parameters can be stored.



### Precise glue application system

A remarkable feature of the glue application system is the nearly horizontally arranged application disc. This allows a precise glue application and excludes glue emerging from the joint.

### Precise veneer transport

The proven and patented sliding rail system allows the use of high efficiency plastic chains. These chains are completely maintenance-free and require no lubrication. Stains resulting from a combination of condensate and metal abrasion is excluded. Due to the very narrow heating zone, sensitive veneers are protected and veneer shrinking is considerably reduced.



## Options

### Compact cooling unit

The new glue pot cooling unit ensures optimum production conditions and a long pot life. Directly integrated and without any cooling liquid. The required temperature can be adjusted via the control panel.

### Option packet for micro veneer

The optionally available packet for micro veneers allows joining veneers from a thickness of 0.25 mm. Special components ensure clean processing.

### Option packet for thick veneers

The KUPER FLI 1000 also processes a veneer thickness of up to approx. 5 mm due to a convenient additional equipment. The option packet contains all components required for precise processing of a veneer thickness from 1.5 mm. The infeed and the integrated glue application system particularly contribute to the user-friendly handling in this operating mode.



# KUPER

Heinrich KUPER GmbH & Co. KG  
Heinrich-Kuper-Straße 10 – 15  
33397 Rietberg  
Germany

Phone +49 52 44/9 84-0  
Fax +49 52 44/9 84-201  
E-Mail [info@KUPER.de](mailto:info@KUPER.de)  
Internet [www.KUPER.de](http://www.KUPER.de)

