

KBA600

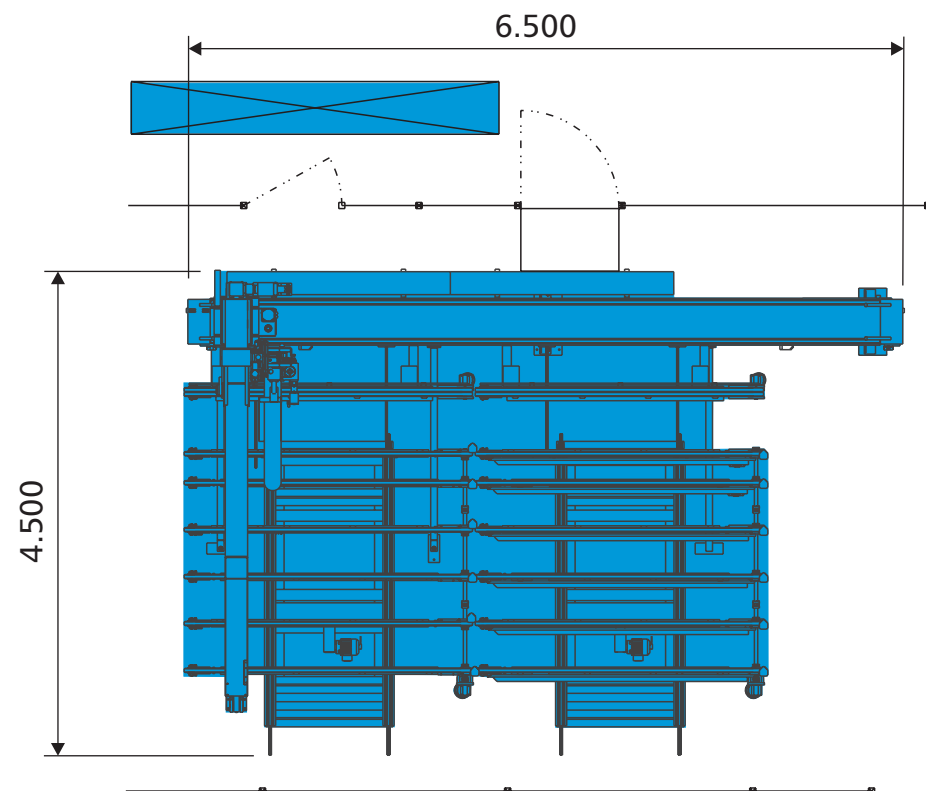
Automatic adhesive tape application machine

Technical Data

Min. window size, clear internal size	without data provision:	350 mm x 350 mm
	with data provision:	200 mm x 200 mm
Max. window size, external size	Frame:	3500 mm x 2500 mm
	Sash:	3500 mm x 2500 mm
Ambient conditions:		min. 16°C / max. 35 °C

Example of a possible configuration

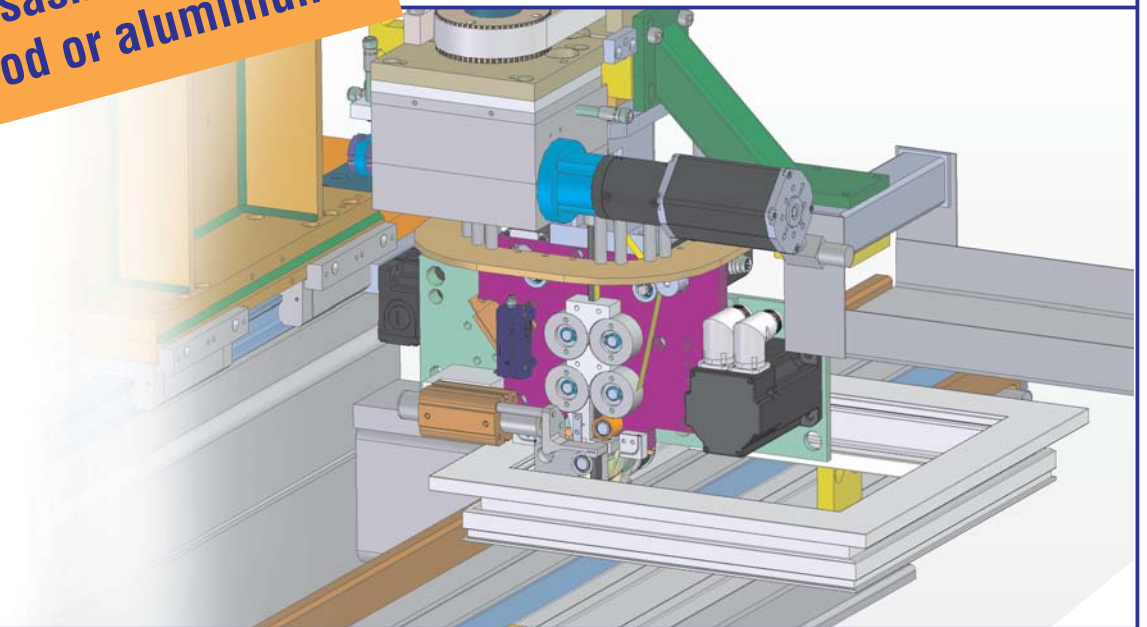
Machine featuring a cross bar and an application head for adhesive tape



Automation im Fensterbau

Made in Germany

For frames/sashes made of plastic, wood or aluminium



KBA600

Automatic adhesive tape application machine

998_299 Prospekt KBA600_englisch - Subject to technical modification.

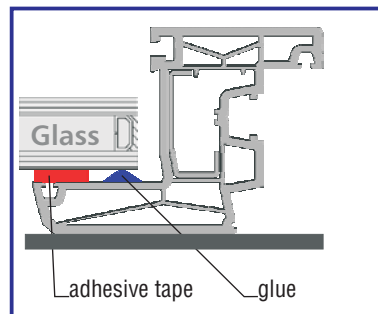
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Automatic adhesive tape application machine

Automatic adhesive tape application machines of series *KBA600* have been designed for applying an adhesive sealing or double-sided adhesive tape automatically around the entire periphery of the window or door profile overlap. This means a significant saving in time compared with manual application and the clean, high-quality application of adhesive tapes.

Fields of use of an automatic adhesive tape application machine

The application of double-sided adhesive tape is necessary, for instance, when gluing in the casement overlap to establish an initial adhesion between the glass pane and sash profile until the glue has hardened.



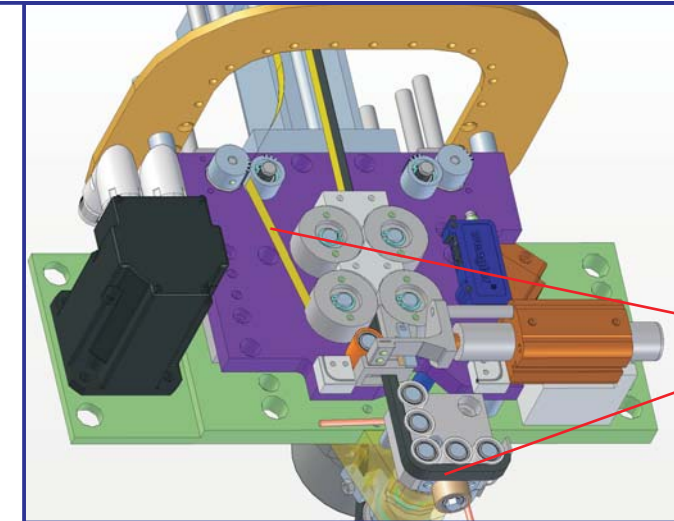
Sashes prepared in this way can be further machined immediately after the glass has been inserted without subsequent pane alignment or blocking. The wood window is an appli-

cation example of a tape coated on one side with an adhesive. Wood windows are often manufactured without a sealing groove. This automatic machine is capable of applying the adhesive tape exactly along the edge of the sash.

Automatic adhesive tape application around the entire periphery

Automatic application starts after the sash has been loaded. The application head moves down to the corner from where to start and applies the adhesive tape. Optical sensors direct the head along the edge of the sash side. Sash tolerances are thus detected and automatically compensated. The adhesive tape is cut off at right angles at the end of the side. For

the following side, the application head turns through 90° and starts applying the tape so that it abuts on the previous tape. As an option, the adhesive tape can also be applied continuously. Before the adhesive tape is automatically applied it is manually threaded from a reel or box into the application head. A suction unit sucks in the protective film which is fed via toothed wheels into a receiving container. This receiver is capable of accommodating



Detail of application head

Protective film
Adhesive tape

the protective film of a complete reel before it has to be emptied.

Choosing the suitable configuration

As an option the machines can also be used to apply gaskets or glues in addition to adhesive tapes. All machine configurations are

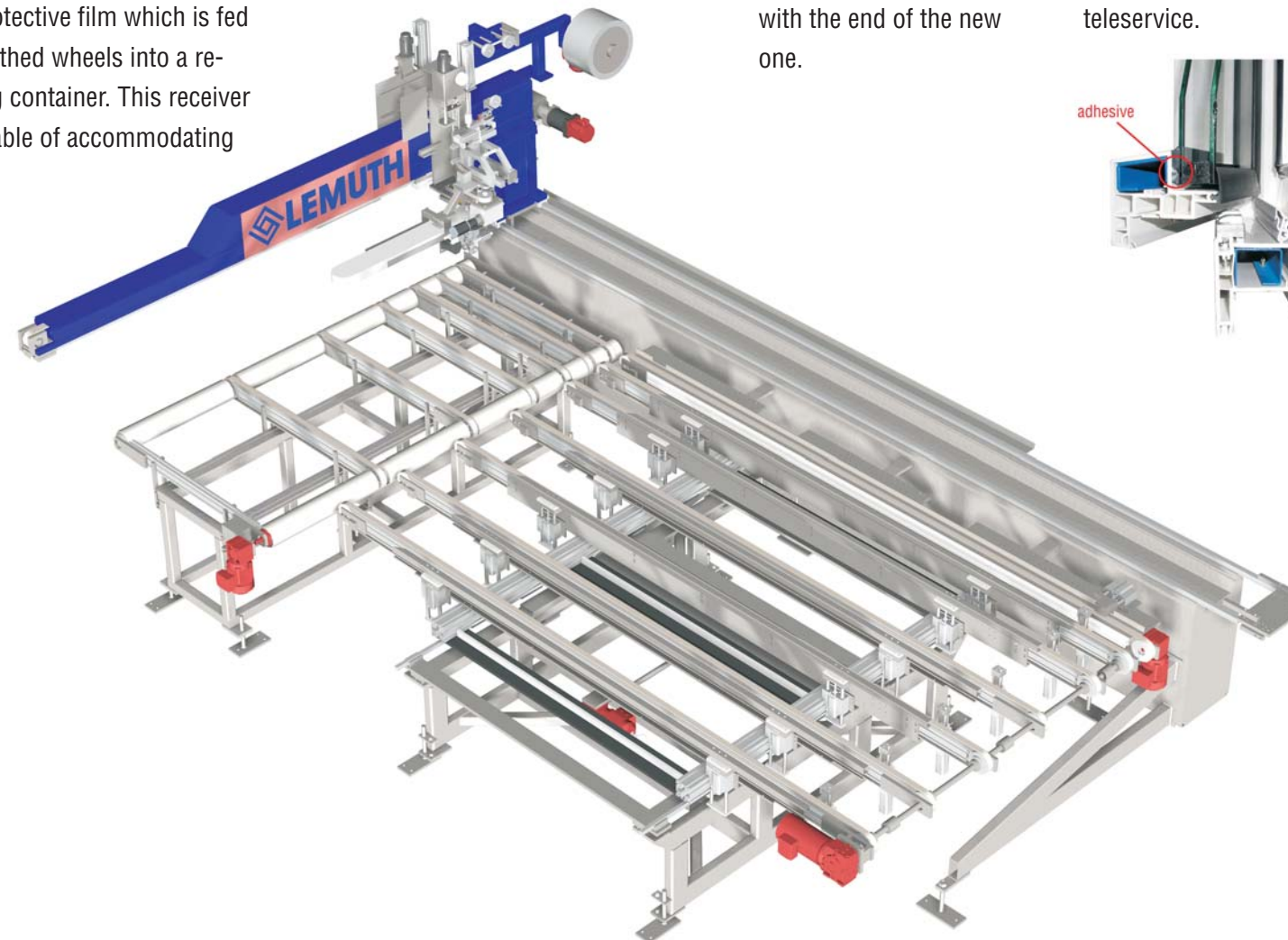
available in 1-minute or 2-minute cycle times.

Convenient handling

The end of the adhesive tape is indicated by the control. For reloading the tape the operator gets a new reel or box and neatly sticks the end of the previous adhesive tape together with the end of the new one.

Advanced control

Processing data can be optionally provided online, by the central computer system, a disk or manually. The machines can also be run in the automatic recognition mode. A modem has been integrated into the control for fast and uncomplicated teleservice.



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guarantees security for your investment

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- Project management
- System planning
- Factory planning
- Construction
- Electrical project management
- Component production
- Installation
- Start-up
- Staff training
- Documentation

And included in the software field:

- PLC programming of the system control
- Programming of the industrial PC interfaces
- Network connection to the company network
- Networking the window construction system

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Corner cleaning machine
EPA120 range

Gasket insertion partially automatic in rods
Gasket insertion machine for straight processing
DAGL110 range

Gasket insertion, fully automatic
Gasket insertion machine for all-round processing on the frame and leaf
DAW100 range

Manual assembly of fittings
Leaf fitting assembly station
FBM135 range

Partially automatic assembly of fittings
Clip station and leaf fitting connection machine
FBS136 / FBK135 range

Fully automatic assembly of fittings
Leaf fitting assembly centre
FBA130/136/138 range
Frame fitting assembly centre
RBA330 range

Stacking
Fully automatic stacking device
AS165 range

Gluing the pane in the element, semi-automatic
Semi-automatic glass pane gluing machine
Serie GVH112 range

Gluing the pane in the element, fully automatic
Glass pane gluing machine
Serie GVA115 range

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