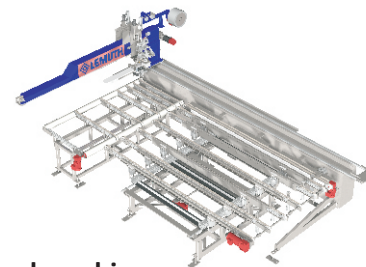
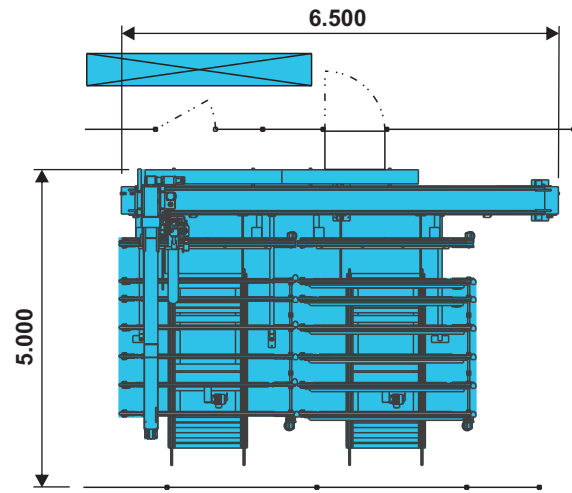
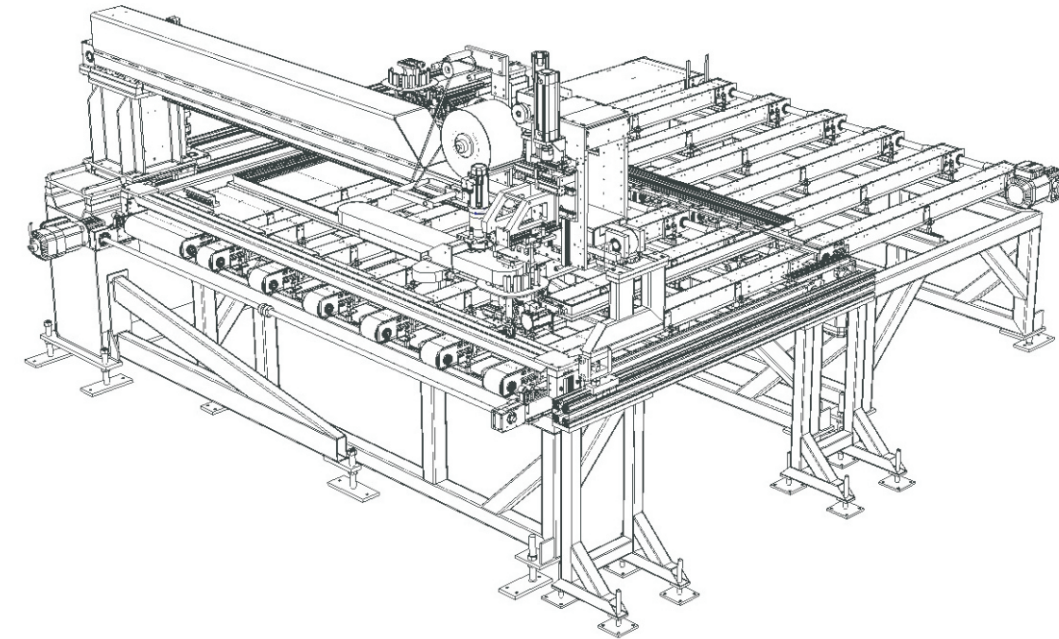


Stage of expansion

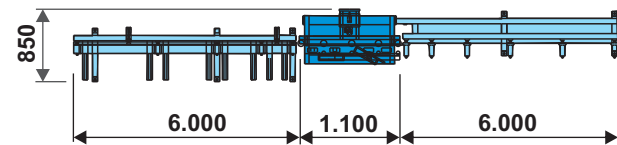
Automatic adhesive tape application machine **KBA600** for WINDOW ELEMENTS



The picture shows an **standard machine**
- machine featuring a cross bar and an application head for adhesive tape



Automatic adhesive tape application machine **KBS610** for BARS



The picture shows a **standard machine**
- configured for 6-m-long profile bars
- with inlet and outlet conveyor belts



For elements made of:

✓ PVC

✓ Wood

✓ Aluminum

The all-round service from LEMUTH - guarantees security for your investment.

You will receive the following services from a single source and harmonised down to the last detail:

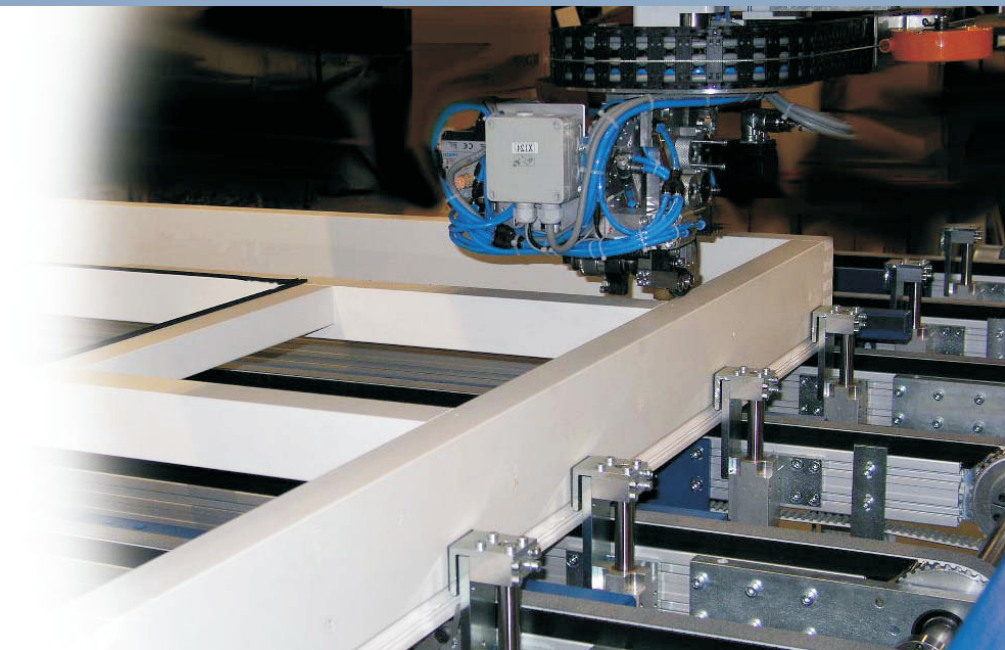
- Project management
- System planning
- Factory planning
- Construction
- Electrical project management
- Component production
- Installation
- Start-up
- Staff training
- Documentation
- Project management

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



998_299 Prospekt KBA600_englisch_2014 - Technische Änderungen vorbehalten



KBA600

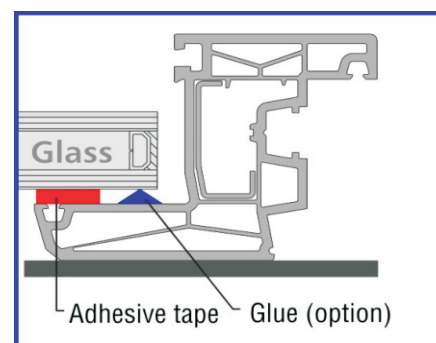
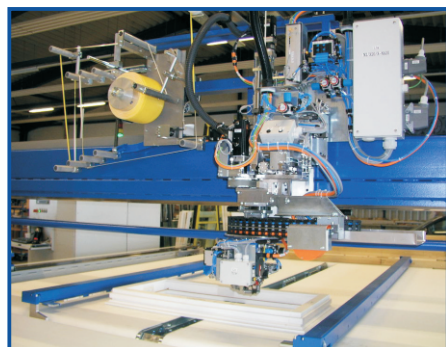
Automatic adhesive tape application machine

KBA600 Automatic adhesive tape application machine for window elements

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.

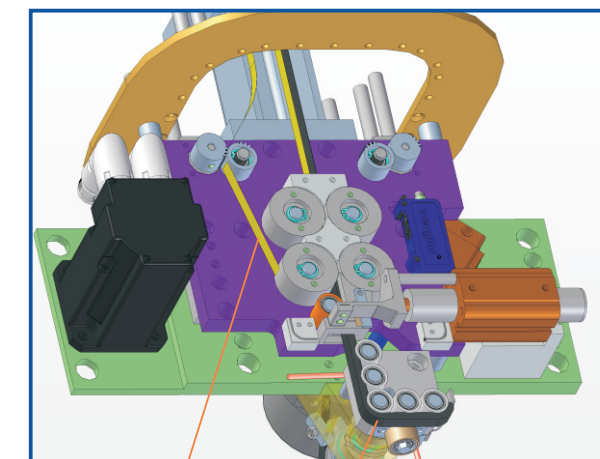
Fields of use of an automatic adhesive tape application machine

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



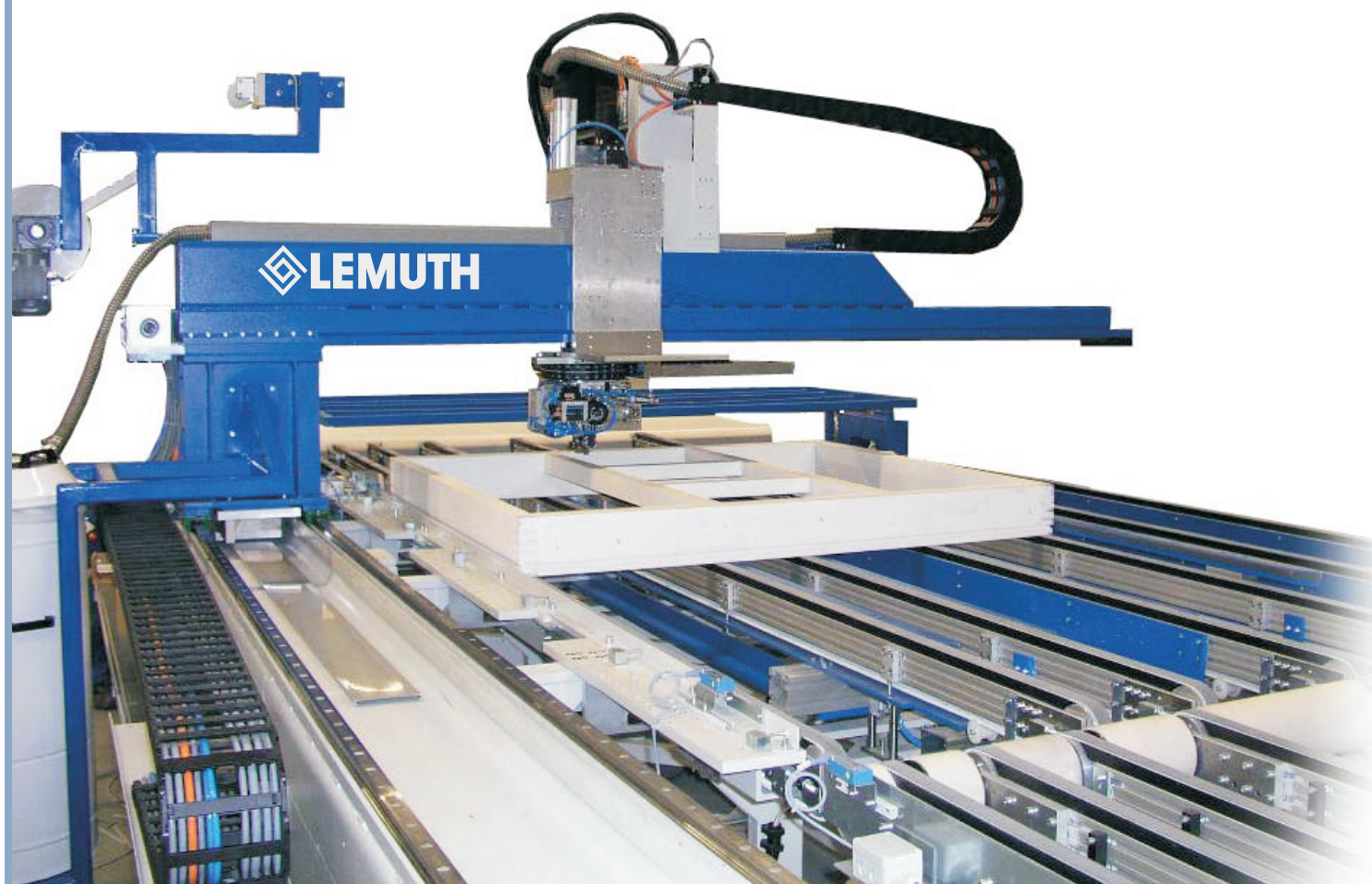
Protectiv film Adhesive tape Detail of application head

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.

Advanced control

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



KBS610

Automatic adhesive tape application machine for BARS

Series of machines **KBS610** automatically apply adhesive tapes on long parts.

By a belt, the rods will be automatically transported into the machine. The rods will be taken from roles (motor-driven) and transported through the machine. The tape-mounting unit starts the application of the adhesive tape on the rod and simultaneously removed the protective film from the adhesive tape. At the end of the rod, which is automatically detected, ends the job. The remote protection foil is collected in a container and can be disposed of at the end of the shift.

