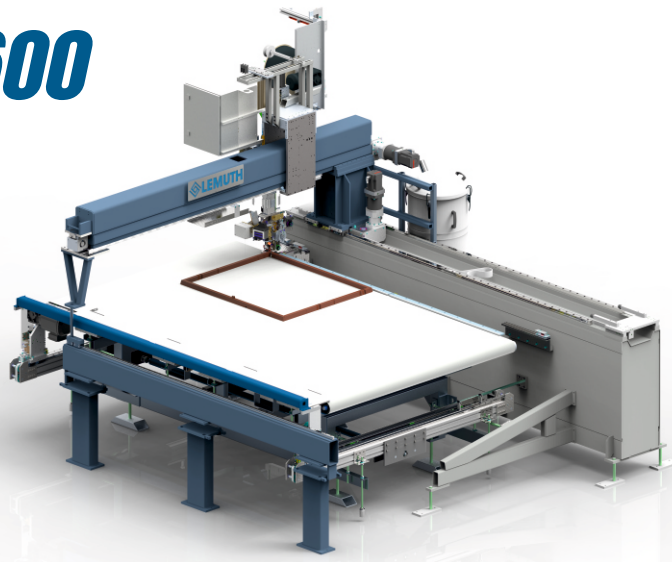


# KBA600



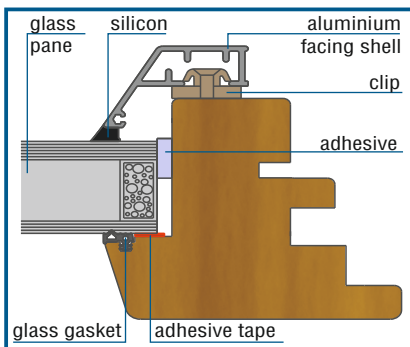
# LEMUTH

IHRE RAHMEN BEKOMMEN FLÜGEL

## AUTOMATIC ADHESIVE TAPE MOUNTING MACHINE

**KBA600** series **ADHESIVE TAPE APPLICATION MACHINES** automatically apply adhesive tape all the way around in the overlap of the window or of a door profile. Using an adhesive tape application machine saves a lot of time compared with manual mounting and ensures a clean and high-quality application of the adhesive tape to the element.

The floating adhesive tape application head serves to apply the adhesive tape in the sash overlap. In this process, pressure rollers affix the adhesive tape to the sash and into the corners so that the pieces of tape abut against one another. The protective film is removed automatically.



### Single-sided adhesive tape

Single-sided adhesive tape is used e.g. in wooden windows and acts like a gasket, since wooden windows often do not have a gasket lining groove. The adhesive tape application machine allows precise application of the adhesive tape along the edge of the sash.

### Double-sided adhesive tape

The application of a double-sided adhesive tape is required in sash overlap gluing, for example, to produce an initial adhesion between the glass pane and the sash profile until such time as the glue has set. When sashes are prepared in this way, further work can be carried out immediately after insertion of the glass without any subsequent alignment of the panes or wedging with blocks. The adhesive tape also serves as a sealing tape to prevent moisture getting in.

### AVAILABLE FOR THE MACHINING OF:

- plastic windows
- wooden windows
- aluminium windows
- glass panes



Collecting container for peeled off protective foil

## OPTIONAL EQUIPMENT

### AUTOMATIC CIRCUMFERENTIAL TAPE MOUNTING

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. The adhesive tape is supplied via a reel/roll. Thus, the system works completely autonomously. A suction device sucks in the protective film. The protective film is fed to a collecting container via gear wheels. The collection container can hold the protective film of a complete reel before the container has to be emptied.

### LASER CUTTING DEVICE

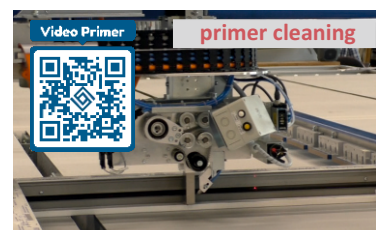
The overlapping area of the two adhesive tapes in the corners can be re-cut by means of a laser cutting device. This ensures that the adhesive tape is optimally pressed together under the pane during the subsequent glass pane installation.

### PREPARATION OF THE ADHESIVE SURFACE FOR THE ADHESIVE TAPE

The surface treatment can be carried out by applying a primer or of plasma treatment. The PlasmaTreat® process activates the surface of the material so that its adhesion is increased.

### CHOICE OF THE APPROPRIATE EXPANSION STAGES

As an option, gaskets or adhesives can also be applied on a machine in addition to the adhesive tapes. All expansion stages are available in 1-minute or 2-minute cycles.



### KBA600

#### Adhesive tape application machine for window elements

