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

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

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

Technical Data

Sash preparation
Pane is mounted in the sash,
Sash has already been placed in frame

Window (exterior max.)
2,500 mm x 3,500 mm

Window (exterior min.)
400 mm x 400 mm

Profile height max.
125 mm

Time per field 1 m x 1,2 m
60 bis 65 s / per field

Operating voltage
230 / 400 V - 50 Hz

Control voltage
24 DC

Operating pressure
6 bar

GVA115S
Vertical glass pane gluing machine

GVA115W
Horizontal glass pane gluing machine

For windows made of: ✅ PVC  ✅ Wood  ✅ Aluminum

GVA115
Glass Pane Gluing Machine
**Precision gluing of panes into sashes**

LEMUTH's glass gluing machine guarantees the accurate and neat gluing of panes into the sashes. The composition of the profile to be processed must be adapted accordingly, meaning, the slot between the glass pane and the rebate base of the sash will be reduced to 3-4mm to minimise the amount of glue required. A reduction of the slot is possible since this gluing method does not require using wedges for the glass pane.

**Fully automated processing**

After the operator has placed the pane in the sashes of the already mounted window on the upstream tilting table, the machine accepts the window for processing. The entire process is fully automated, from loading to the application of glue and finally discharge. Conveyer belts are used for the careful loading of parts onto the tilting table and gluing machine.

**High-tech down to the very last detail**

Via an automatic plausibility check the machine controls the exact thickness of the glass. Further-more, when using hot melt adhesives, a specific mechanism has been integrated for the alignment of the glue stream. This ensures that the injection nozzle always glides at the optimum injection angle to the profile section. The heated glue nozzle stand-by position prevents the glue from hardening during periods of inactivity. When using silicones or 2-component polyurethanes the nozzle is equipped with a compensating element to balance out any deviations in the profile section. The nozzle glides along the surface of the glass.

**Advantages of the new gluing technology**

Economic advantages are attained as a result of savings on steel and auxiliary materials such as wedge bridges or screws. Activities such as steel reinforcements on the cutting and machining centre or timeconsuming wedging are no longer necessary and reduce labour costs.

**Vertical or horizontal gluing**

It is possible to glue in either a vertical or horizontal position.

**Gluing of numerous user-defined panels**

The machine can process windows with any number of sashes. After the parts have been recognised using a barcode reader the control system processes all the necessary information from the data record for the machining of the parts.

**Windows-PC and fast remote-access**

A convenient industry PC with windows-XP is available for data input. For fast remote-access there is an integrated modem.

**Gluing affords greater stability**

Gluing technology delivers a much higher level of stability. The number of subsidences or deformations is noticeably reduced. The gluing of PVC sashes in glazing rebates of up to 2 m also dispenses with the need for steel reinforcements. It is also possible to narrow the profile of the sash itself resulting in an additional savings on materials. The sash is lighter. The greater rigidity of the unit facilitates the production of larger sashes.

**Outstanding thermal insulation**

The glued sashes are completely wind proof. Elements with standard glazing improve the insulation value by 20%. Windows with such good characteristics are optimal for use in passive and low-energy houses.