

Table support area



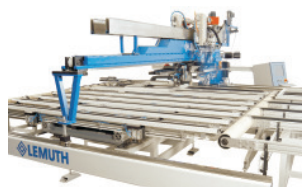
Stainless steel coating, tried and tested for elements made of PVC

The **stainless steel plates** are mounted on several plates that are individually adjustable. Thus the processing platform can be aligned exactly horizontally.



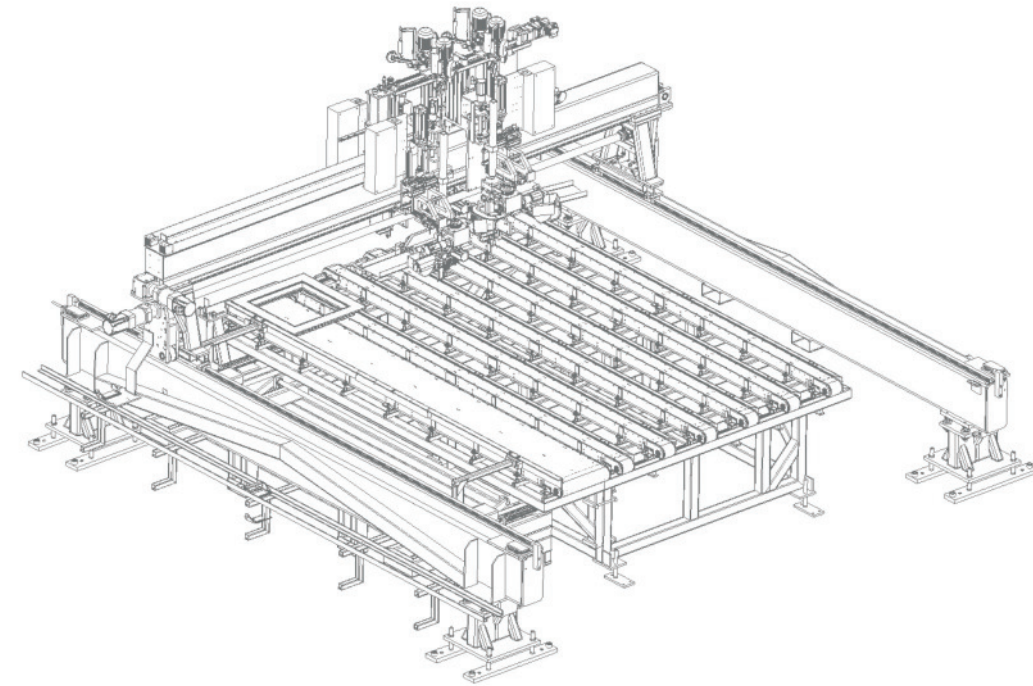
Felt coating, tried and tested for elements made of aluminium

The stainless steel surface is provided with a **felt coating**. Furthermore a lateral clamping rail is also installed to clamp the aluminium elements along their entire length against the locating edge during the insertion of the gasket.



Driven belts, tried and tested for elements made of wood

To avoid any damage to sashes and frames, they are transported along the entire distance by **driven belts**. Special clamping devices that are mounted on every transport belt ensure the gentle clamping of the elements in their processing positions. Thus any damage to the element can be excluded for the whole process of gasket insertion.



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:

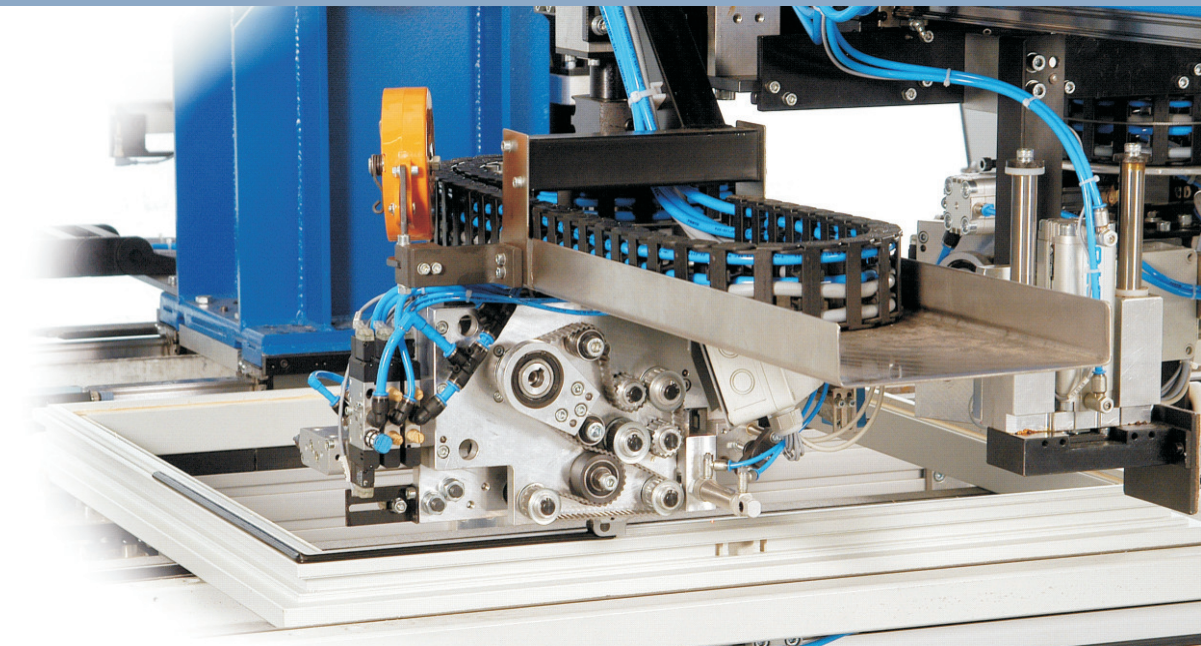
- Project management
- System planning
- Factory planning
- Construction
- Electrical project management
- Component production
- Installation
- Start-up
- Staff training
- Documentation
- Project management

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_353 Prospekt DAW100_englisch_2014 - Technische Änderungen vorbehalten



DAW100

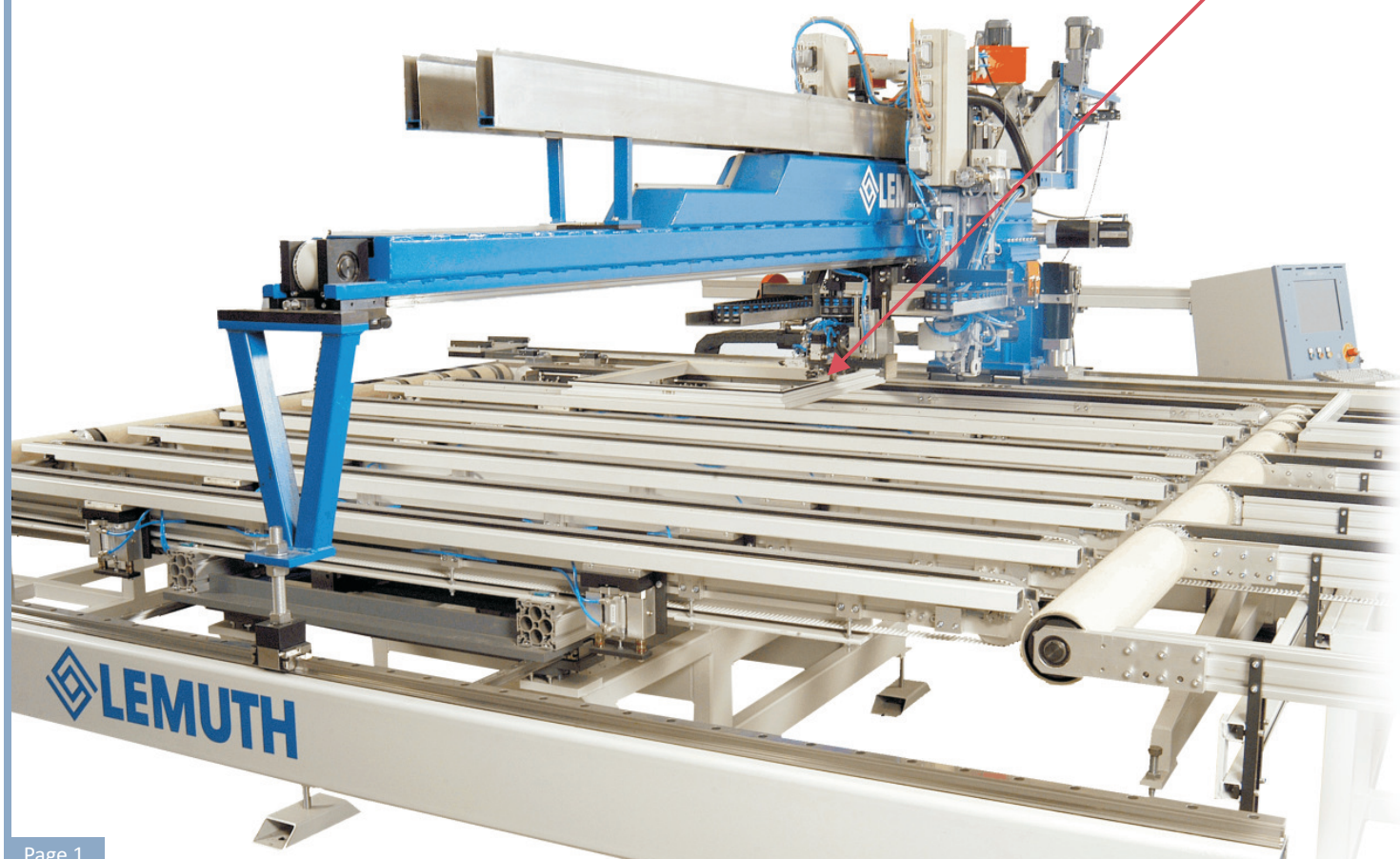
Gasket insertion machines

Automatic, continuous all-round gasket fitting

Enormous time-savings thanks to rapid processing as well as the clean, high-quality insertion of the rubber gasket are among the key advantages of this system. Various configurations - whether as a stand-alone version or high-speed system in production lines for the 1-minute cycle - characterise the flexibility of this automatic machine. The system processes profiles of various geometries, colours and dimensions. The range of profiles can always be extended.

Frames and sashes

Depending on the production concept, it is possible to process frames and/or sashes with several panels. For sash processing a turning unit flips the window over onto the 2nd side. This means that glass and stop sides can be fitted with rubber gaskets on one system. The automatic machine can be equipped with several insertion units for the processing of various gasket geometries.



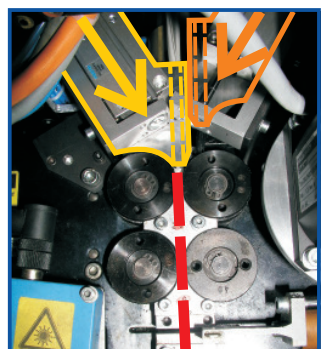
The gasket is inserted in the window groove in a compressed state. The degree of compression can be set by the control. A special groove guidance system monitors and regulates the exact course of the rubber insertion unit along the sealing groove during the whole process. Optimized processing properties are achieved with the use of a wetting device for the balanced wetting of the rubber base. The rubber gasket does not need any thread to stabilize the material. The use of coloured gaskets - alongside the standard black rubber gasket - perfectly rounds off the optimum design of coloured windows. EPDM and TPE gasket materials or similar materials are used in various designs. The gasket stop can optionally be placed on one of the 4 sides of the window, projecting or with mandatory ventilation. There is no need to glue the ends of the gasket due to the compressed assembly.



Exemplary presentation of workable gaskets

The gasket changer

The automatic gasket changer permits the processing of two rubbers per gasket insertion head without the need for manual resetting. This means that two gaskets of different colours or of the same geometry can be fitted with one insertion unit. It takes the system only a few seconds to change over from one rubber gasket to the other one.



Weatherstrip and glazing gaskets

The insertion of weatherstrip and glazing gaskets is carried out continuously around all four sides of the sash. Cutting in (V-shaped cut) of the gaskets is optionally possible in the corners.



Glazing gaskets for elements made of wood

Most wood sashes do not have a continuous sealing groove for the glazing gasket. The ends of the gasket are straight-cut and then automatically welded together.



Welding the gasket ends

An ultrasonic welding unit is used for the fully automatic welding of the gasket in the corners. By welding together the gasket ends the four gaskets, which have been inserted side-by-side, become a continuous glazing gasket.