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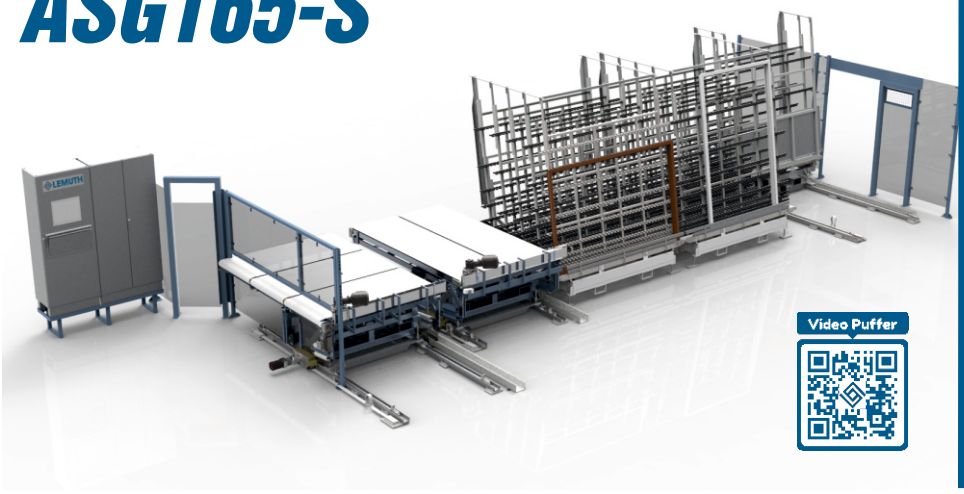


LEMUTH
IHRE RAHMEN BEKOMMEN FLÜGEL

GLASS PANE-BUFFER- AND SORTING-STATION

AUTOMATIC BUFFERING AND SORTING OF GLASS PANES

This series of systems is characterized by its versatility. ***Buffer and sorting stations*** can be designed in a wide variety of configuration levels and specifically to meet the customer's requirements. The space requirements as well as the production process determine the design of the system. Through the use of multi-level buffer equipment, the space available is optimally utilized, even in the case of limited space. Programming, electrical installation, control cabinet construction and surface programming are all carried out by the **LEMUTH** company from a single source.

REDUCING COSTS THROUGH TIME SAVINGS

By using a glass pane sorting and buffering station, the time-consuming searching and removal of the appropriate glass pane from the A-frames is eliminated. 3/4 of the otherwise required working time can be saved.

SAFE TRANSPORT

Damage-free glass transport during the entire sorting and buffering process is provided by driven conveyor belts or rubber-coated drive rollers.

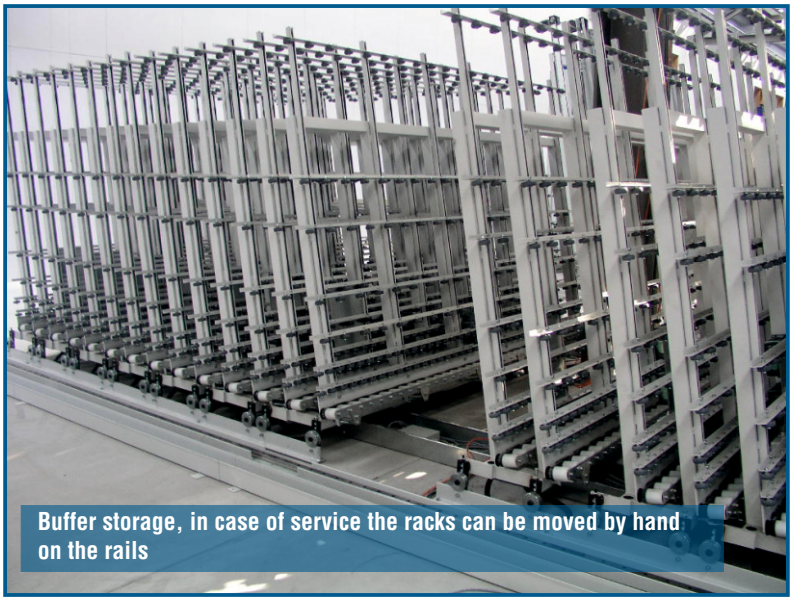
INTEGRATION INTO THE WINDOW PRODUCTION

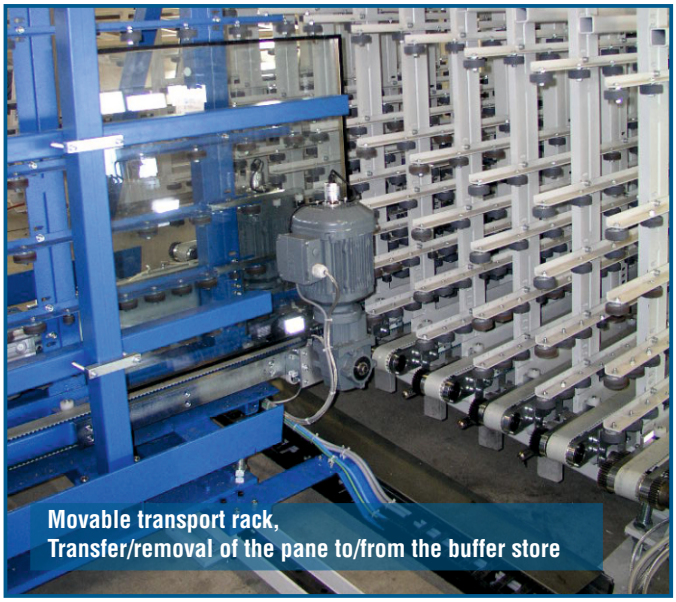
With the glass pane sorting and buffering station, the glass panes can be made ready for a classical glazing according to the wedding place or for an automated pane gluing system.


Specially rubberized rollers guarantee the safe and gentle transport of the glass panes

YOUR BENEFITS

- considerable time saving
- considerable saving of personnel
- significant space saving
- significantly less damage to the glass panes, since the transport gentle and automatic


Buffer storage, in case of service the racks can be moved by hand on the rails


Movable transport rack,
Transfer/removal of the pane to/from the buffer store

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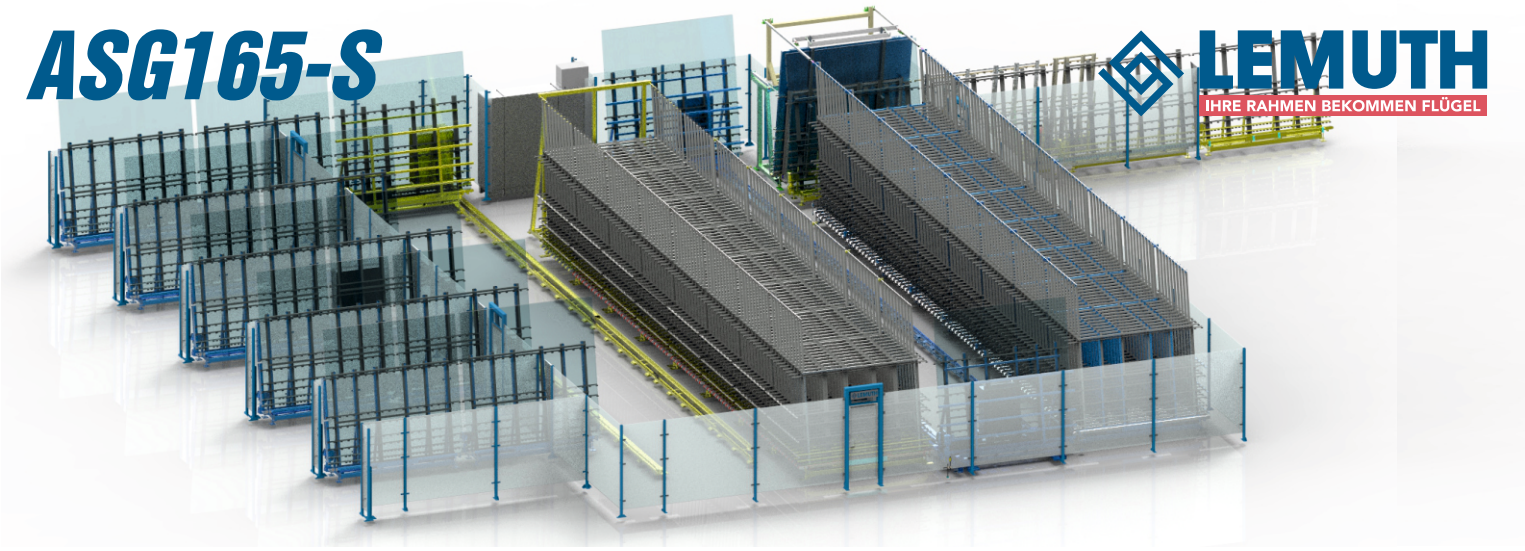

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CHOICE OF THE APPROPRIATE EXPANSION STAGE

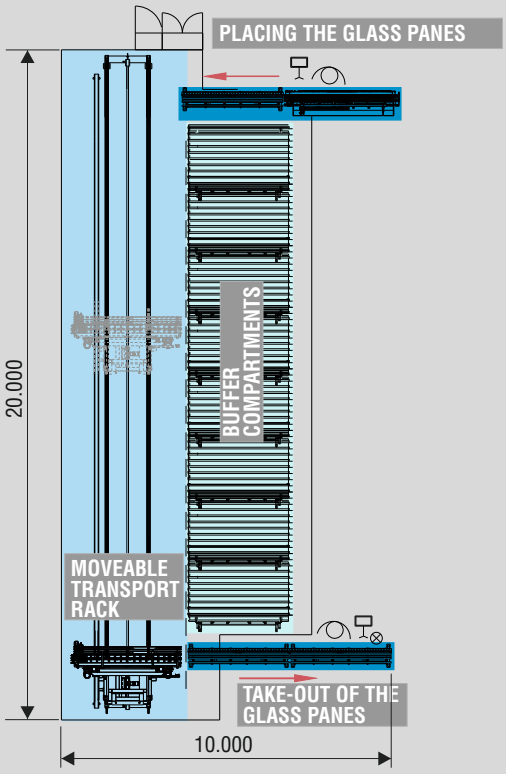
Thanks to the modular design, a system tailored to each customer's specific production requirements can be put together, depending on the production concept and the space available on site. For example, the number of buffer compartments, the number of transfer carriages and the discharge transport of the sheets can be freely selected. Optionally, a rotating rack can also be used for turning unevenly thick glass sheets onto the required support side.

AUTOMATIC SORTING AND BUFFERING PROCESS

The operator removes the glass panes in the delivered sequence from the A-frames and places them on a transport rack. From the infeed rack, the panes are automatically transferred to a movable transport rack. At the same time, the glass panes are automatically scanned by a barcode reader. After identification, the glass panes are transferred to the glass pane buffer device via the movable transport rack. From this point on, the storage location is known for each glass pane. The glass panes are removed from the glass pane buffer fully automatically via the movable transport rack.

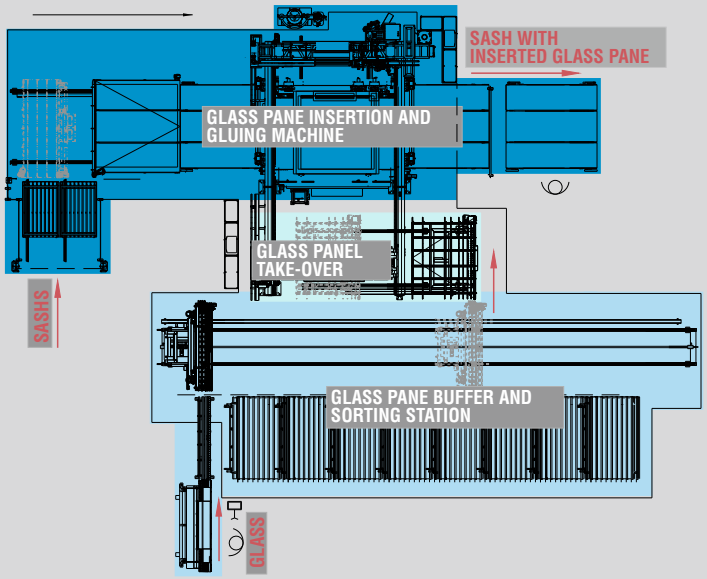
Several glass panes can be buffered in one compartment. The optimal storage according to available space or order is part of the buffer software.

EXAMPLE OF A MACHINE WITH 80 BUFFER COMPARTMENTS



AUTOMATIC INSERTION AND GLUING OF THE GLASS PANES IN THE SASH/FRAME

As an option, the panes can be transferred automatically, e.g. to a ***GVA115*** automatic glass pane gluing machine. The suction device with freely adjustable and individually activatable suction cups takes the glass pane from the glass pane tilting table and transfers it to the downstream machine. The glass pane tilting table can also be equipped with a measuring device for the exact alignment of the glass pane. This means that it is checked how the glass pane rests on the tilting table. If the glass pane is at an angle, this is detected and the turning device on the glass pane setting device aligns the glass pane.



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