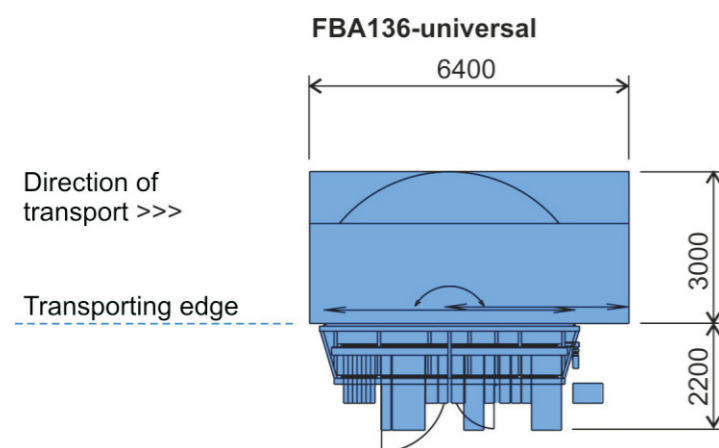


## Technical information

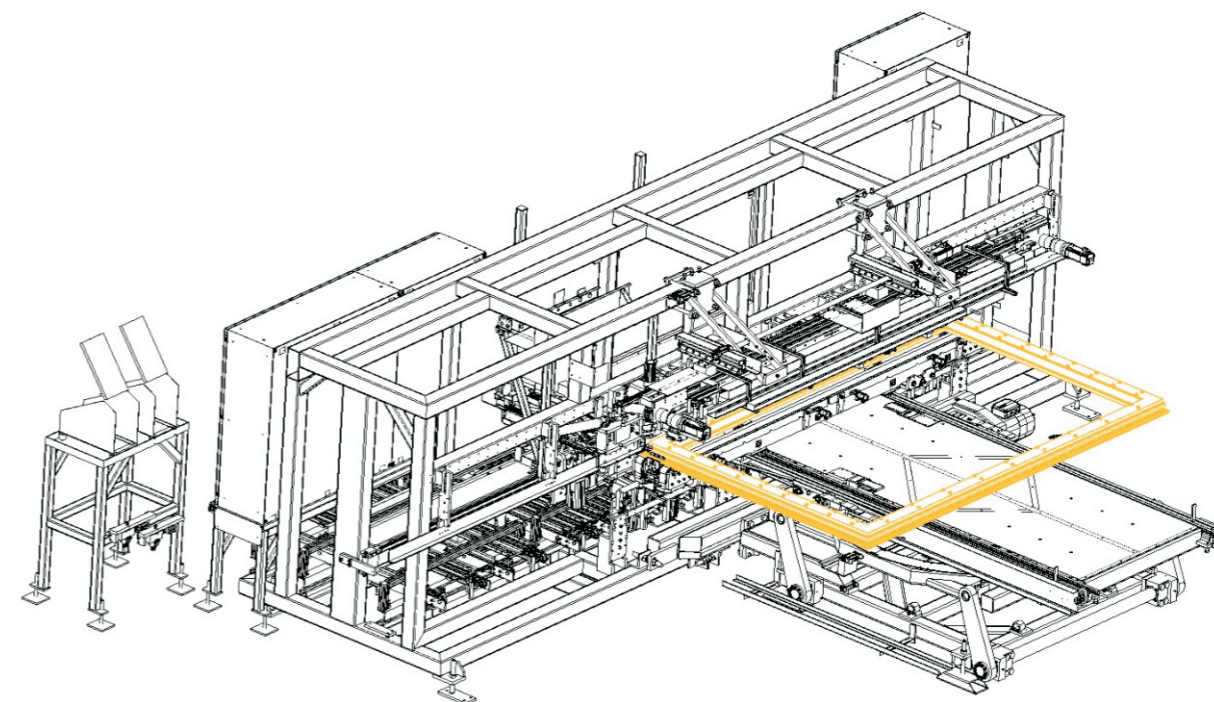
Size of sash, minimum inner single panel size (W x H)	260 mm x 260 mm
Size of sash, maximum outer welded dimensions (W x H)	1500 mm x 2500 mm
Supply voltage	230 / 400 V 50 Hz
Control voltage	24 VDC
Operational voltage	6 bar
Air consumption	1150 l/min
Pneumatic connection type	Quick connection coupling 1/2"



### FBA136

#### Fittings mounting centre:

- corner guides
- sash hinges
- interlocking rods



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 an harmonised down to the last detail:

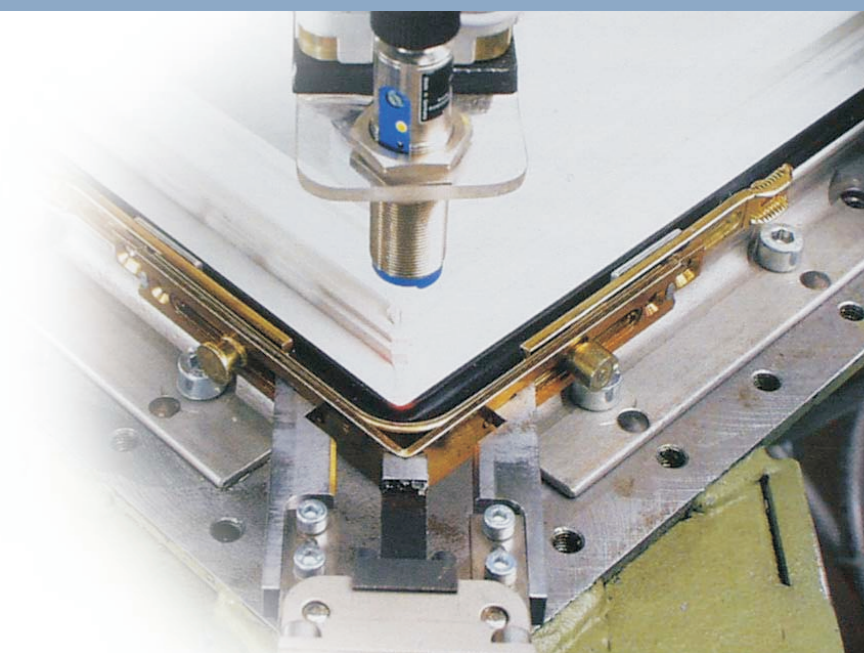
- Project management
- System planning
- Factory planning
- Construction
- Electrical project management
- Component production
- Installation
- Start-up
- Staff training
- Documentation

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



998\_378 Prospekt FBA136\_2014\_englisch - Technical modification reserved



# FBA136

## Sash fittings mounting centre

Mount all corner guides and fixed fittings components



# FBA136

## Sash fittings mounting centre Mount all corner guides and fixed fittings components



The machines from the **FBA136.H** series mount all corner guides, sash hinges and interlocking rods on to the sash. All transporting, handling and mounting processes take place automatically. Already in the standard model four different groove position levels can be operated. It is possible to adjust extremely variable profile types with the use of an adjustable machine edge.

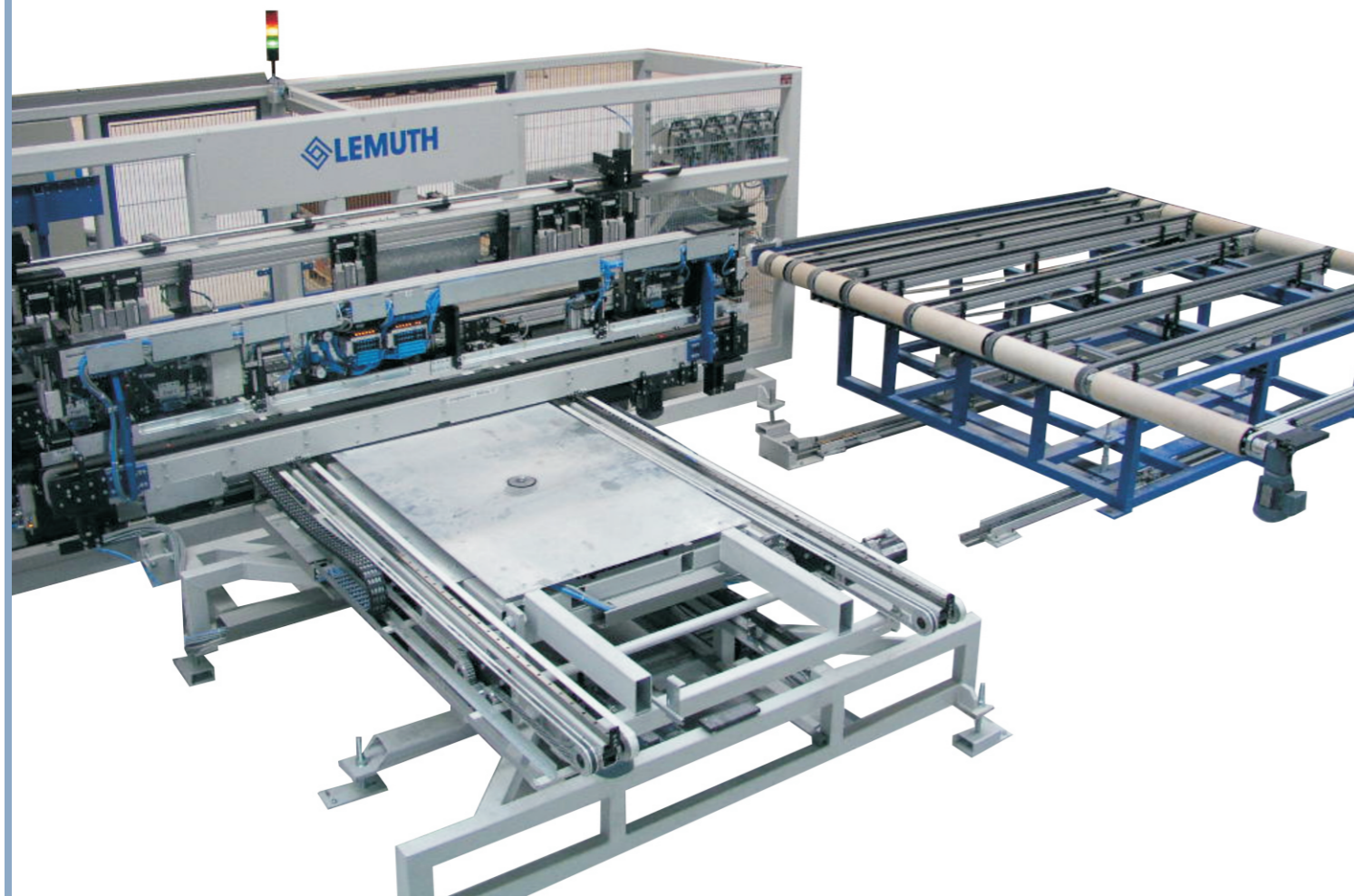
All LEMUTH automated machines are optimally aligned with one another. As a result the machines which mount the corner guides, the interlocking rods and the sash hinges are well complemented by a FBA138 which mounts all fittings components to be cut to length for example drive and top rods. If the fittings mounting production line were to be completed by an automatic stacking device, all manual mounting operations in this sector would be omitted.

### Large variety of fittings

High speed machines - an upgraded version of the feeder equipment - can be supplied with up to 12 different corner guides, 7 sash hinges and 5 interlocking rods.

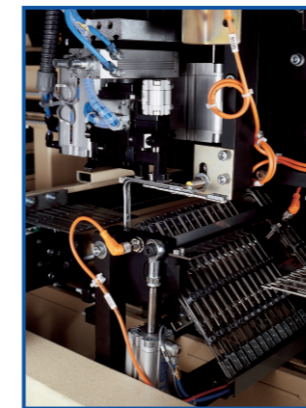
### Completely non-fitting specific

The new mounting centres are no longer linked to a single fittings system. When changing the fittings the machines can simply be set up and converted to the new system as in a profile change.



### Precision machining

High-tech components from the quick numerically controlled positioning device to sophisticated operation technology ensure the highest quality for automatic component machining. Optimal operation is ensured through the concise and easily accessible arrangement of the feeders as well as the simple operator routines on the industrial computer.



### Mounting of the corner guide

- suitable for all corner components such as corner guides, top hinge elbows, corner stay guides, sash stay guides etc.

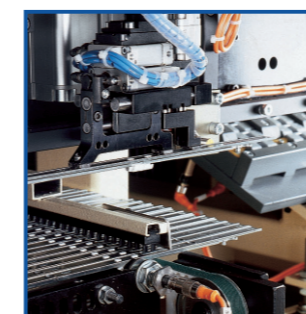
The corner components are supplied by six vibratory feeders. Depending on the model, each feeding device can store approximately 50 to 70 fittings components. According to the mounting concepts for the 1 and 2 minute respective work cycles the gripping mechanical attachment accurately sets the fittings to an angle of 90° or 45° on the sash corner for them to be automatically bolted on.



### Mounting of the sash hinge

- suitable for sash hinges, interlocking rods, corner hinges, ramp parts etc.

The mounting operation takes the sash hinge from the hop feeder. Every one of the four slanting feeder chutes can store approximately 40 fittings. To set the sash hinge, the mounting holes are accurately drilled by a two-headed drilling device. Servo-controlled electric screwdrivers attach the sash hinges to the window.



### Mounting the interlocking rods

- suitable for interlocking rods, centre locks

Special chain conveyors are used to feed the interlocking rods. On everyone of the four feeders up to 80 elongated fittings can be stored. For the mounting process, the double-pivoting machine picks up the fittings out of the feeder and sets up through numerical control the exact setting position. Up to three interlocking rods, each a maximum of 500 mm long, can be linked and bolted together.

### User-friendly and optimal service

The machining data is accessible online through the central network, on disk or manually. More flexibility as a result of minimised wiring requirements brings the optimal network communication via radio communication. Data inputted by the operator appears on the industrial computer with concise operator guidance. The remote maintenance of the automated machine through the integrated modem is a matter of course. You will experience competent assistance whether on the telephone hotline or on site with our friendly customer service team.