

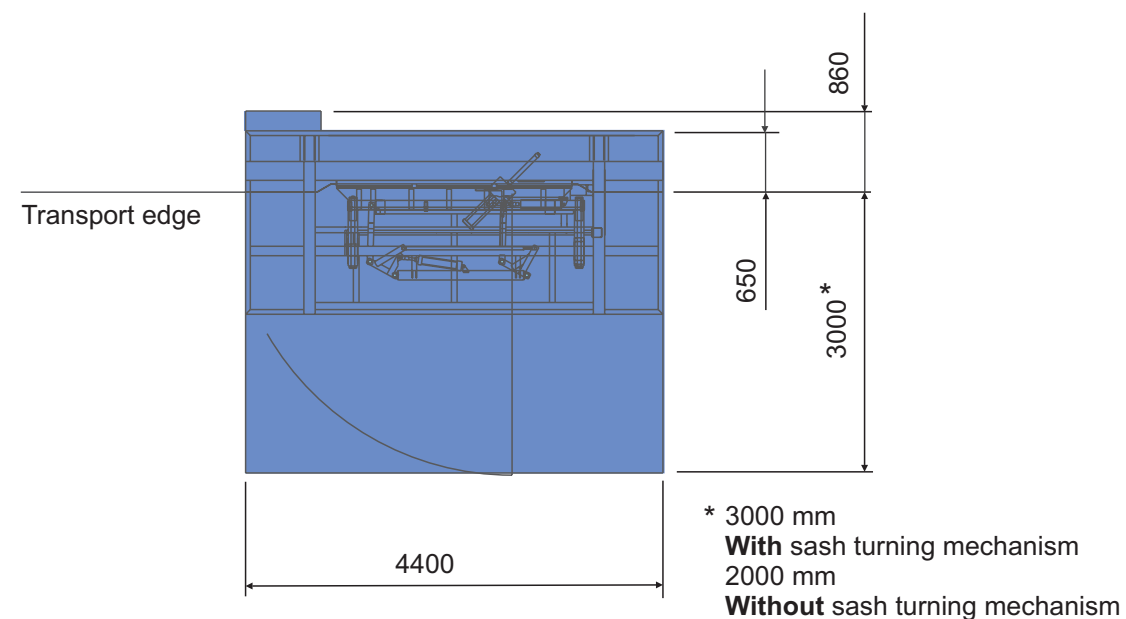
ZFW300

Fully automated overlap profile saw

Technical information

Sash size	maximum 1500 mm x 2500 mm • minimum 320 mm x 400 mm
Machine height	without a slewing device: 1700 mm • with a slewing device: 2600 mm
Operational voltage	400 V AC
Control voltage	24 V DC
Overall connected load	3,5 kW
Connection type: electrical	CCE
Operating pressure	6 bar
Air consumption	10 litres / 6 bar
Connection type: pneumatic	Quick coupling ¼"
Working conditions	Temperature: min. 10°C / max. 35°C • Relative humidity: min. 10% / max. 95%

The machine meets the uniform requirements pursuant to the Machinery Directive 89 / 392 / EWG



Automation im Fensterbau

Made in Germany

For sashes made of plastic



ZFW300

Fully automated overlap profile saw

998_289 Prospekt ZFW300_englisch - Technical modification reserved

ZFW300

Fully automated overlap profile saw

Optimal cutting using innovative mounting technology

The self-driven overlap profile saw is an ideal supplement to highly automated assembly lines for PVC windows.

This appliance guarantees the highest cutting precision at a length of up to 2.50 metres, within a margin of 0.2 to 0.3 mm.

These optimal cutting results are achieved using specially developed mounting technology, where the sash

is pressed from the inside against the saw edge.



Profile margins, as well as technologically caused distortions to the welded sash, can be regulated effortlessly.



The on and off-loading of the sash occurs automatically. Axes are used for positioning moves and loading.

Optionally, a sash pivot can be used to swivel the components round to the sawing position.

Nozzles for suctioning away shavings during operation are also integrated. Following the saw cutting, the surplus piece will fall out of the operating range of the machine.

The data for the component processing at the overlap profile saw can be obtained at either the downstream or upstream machine, such as for example the automatic gasket insert machine or frame fittings mounting centre.

A barcode reader may be installed in order to identify components.

Settings may be adjusted to allow frames and standard units to be fed through without being processed.



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

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

Further LEMUTH Systems for your Window Manufacture:

Cutting and processing for PVC or aluminium
Cutting and processing centre
unicut200 range

Cutting for steel
Steel cutting machine
ZS180 range

Vertical four-headed welder
Four-headed welding machine
VKS140 range

Vertical corner cleaner
Corner cleaning machine
EPA120 range

Gasket insertion partially automatic in rods
Gasket insertion machine for straight processing
DAGL110 range

Gasket insertion, fully automatic
Gasket insertion machine for all-round processing on the frame and leaf
DAW100 range

Manual assembly of fittings
Leaf fitting assembly station
FBM135 range

Partially automatic assembly of fittings
Clip station and leaf fitting connection machine
FBS136 / FBK135 range

Fully automatic assembly of fittings
Leaf fitting assembly centre
FBA130/136/138 range
Frame fitting assembly centre
RBA330 range

Stacking
Fully automatic stacking device
AS165 range

Gluing the pane in the element, semi-automatic
Semi-automatic glass pane gluing machine
Serie GVH112 range

Gluing the pane in the element, fully automatic
Glass pane gluing machine
Serie GVA115 range