

1C-PUR Adhesive Applicator ECOPUR F



Areas of application

Spreading installation for processing suitable single component PUR adhesives for the surface gluing of:

- Glulam
- Special components such as cross beams, window joinery, etc.
- DUO-/TRIO beams

Differences to ECOPUR G

Rates of feed up to 250 m/min

The gluing width is automatically adjusted by spreading nozzles, which are individually actuated pneumatically

Automatic calculation of the dosing quantity and the connection and

disconnection points via adjustable parameters (application volume, lamina width and feed)

The spreading head is virtually maintenance-free

Pre-selection programs for gluing and special gluing patterns are possible.

Technical features

Convenient container supply or cask supply with silica gel filter

Intermediate buffer with supply monitoring for changing the container

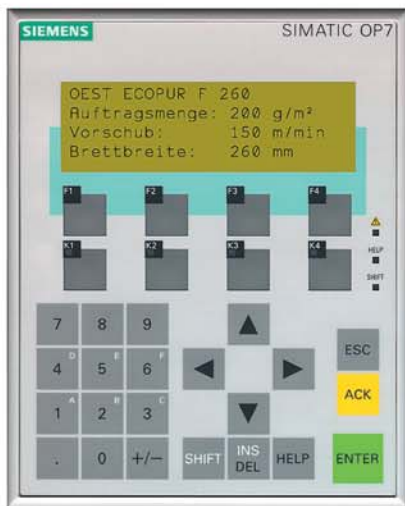
Consumption meter and counter with warning limit to ensure the container is changed in time

Complete line of material up to the spreading head

Compact construction in the form of a modular construction system, thereby enabling flexible installation

Spreading head

- easy to maintain
- no contact with the lamina
- horizontally and vertically adjustable
- suitable for installation downstream of a planing machine or integration in a roller conveyor
- Protective stop to avoid damage to the nozzles



Operator panel

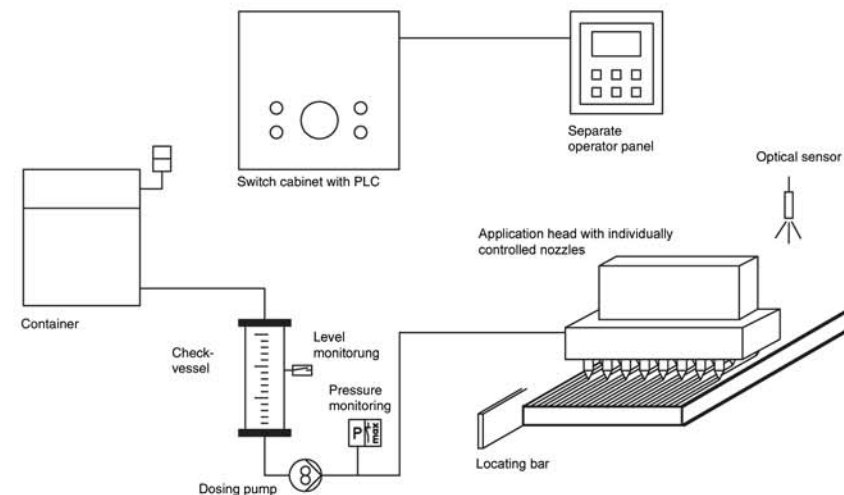
Photo-electric scanner for detecting beginning and end of board with soiling recognition

Frequency-regulated metering pump for precise dosing of adhesive

Pressure control in the adhesive line

Integrated control cabinet with a Siemens S7 controller

OP 7 operator panel in separate terminal box with all control elements, for installation at a suitable point



Function scheme

Four-line text display for all operating situations and fault signals and for the input of all digital nominal values

Optimization program for fine adjustment of the start and end of the workpiece

Explanatory texts for operator guidance

Software created at our company. Quick assistance is therefore available in the event of any questions or problems

Approved by the FMPA

Accessories

Material supply systems for the flexible installation of the drums or the simultaneous supply of several installations

Manual height adjustment of the spreading head

Lamina feed device with adjustable throughput speed and guiding bushing

Networking via bus systems with other controllers and host computers

Special solutions

Technical Data

Adhesive	single component PUR adhesive, moisture hardening max. 10.000 mPa s
Application volume	150 - 250 g/m ²
Pouring width	Standard 65 - 300 mm Special width on request
Throughput speed	50 - 250 m/min depending on layout
N ^o . of spreading nozzles	24 nozzles for 300 mm pouring width
Thread distance	12 mm
Power supply	400 V AC/ 50 Hz; 1,5 kW



Application head: pouring width 3.000 mm



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