

1C-PUR Adhesive Applicator ECOPUR G



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

Reasonably priced variant of the ECOPUR F, but with:

- feed rate up to 120 m/min
- manual adjustment of the pouring width at the application head

- spreading head with 1 material-valve which is easily disassembled

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

Frequency-regulated dosing pump for precise dosing of adhesive

Pressure control in the adhesive line

Complete line of material up to the spreading head

Low-maintenance material valve on the spreading head

Spreading head as a pouring tube with a simple locking mechanism

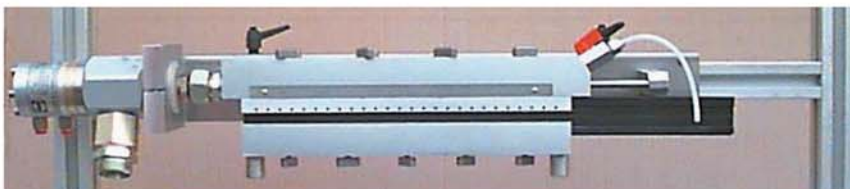
Manual width setting via shutter

Pivoting to enhance maintenance friendliness

Low construction depth for installation downstream of a planing machine or integration in a roller conveyor

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

Integrated control cabinet with Siemens S7 controller



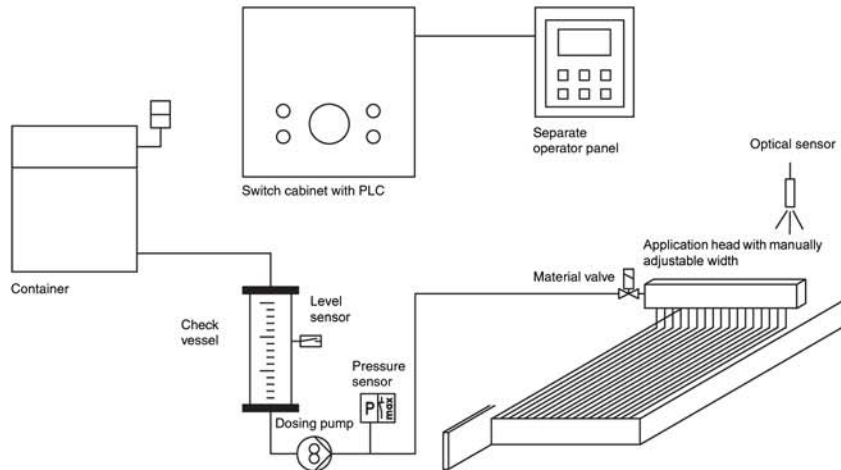
OP 7 operator panel in separate terminal box with all control elements, for installation at a suitable point

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

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 FMFA



Function scheme

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

Manual height adjustment of the spreading head

Networking via bus systems with other controllers and host computers

Lamina feed device with adjustable throughput speed and guiding bushing

Special solutions



Adhesive appliance

Accessories

Analog control of the dosing pump via adjustable parameters (lamina width, application volume, feed speed)



back view of the dosing unit

Technical Data

Adhesive	single component PUR adhesive, moisture hardening max. 10,000 mPa s
Application volume	150 - 250 g/m ²
Pouring width	Standard 50 - 300 mm special widths on inquiry
Throughput speed	20 - 120 m/min depending on layout
Thread distance	12 mm
Power supply	400 V AC / 50 Hz; 1 kW



Operator panel

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5521 Cannon Drive
 Suite 102
 Monroe, NC 28110
 Phone: (704) 296-9600
 Fax: (704) 296-9601

