

AUTOMATIC DISPENSING SYSTEM TYPE 3400 FOR SANDWICH PANEL MANUFACTURING WITH ONE OR TWO COMPONENT ADHESIVES AND RESINS SUCH AS POLYURETHANE, EPOXY AND MS-POLYMERS



- *Individual panel manufacturing
Large and small surfaces 1-15 m²*
- *Continuous line production
Width up to 3000 mm*
- *Automatic system with flow control*

SPECIFICATION

Capacity:	50-500 g/m ²
Conveyor speed:	1-10 m/min
Spreader speed:	Up to 80 m/min
Spreader width:	150 - 500 mm
Req. air pressure:	5-7 bar
Req. air volume:	500-1500 l/min
Electrical power:	415 V, three phase, 50 Hz
Viscosity:	Up to 50,000 mPas (cp)
Container volume:	25, 200, 1500 kg
Machine weight:	Approx. 350 kg
Dimensions:	As per specification
Pumps:	As per specification depending on capacity requirement and adhesive selection

System 3400 is designed for automatic dispensing of one and two component medium viscosity adhesives and resins for manufacturing of sandwich panels. The system pumps and spreads the adhesive evenly in a diamond pattern over the substrate surface and improves the quality of the final product, simplifies production and improves the working environment.

System 3400 can be made either in fixed or mobile configuration. In fixed configuration the material is moved on a conveyor underneath the adhesive spreader and in mobile configuration the spreader rolls on rails on top of the conveyor. The system can be used both for discrete panel manufacturing or in continuous panel production lines. Selection of configuration type depends on product, manufacturing process and speed, adhesive and press time.

The machine system is automatic with start and stop at the panel edges and the dispensing speed is automatically adjusted to panel width, adhesive flow and coat weight. The machine is easily controlled at the operator panel with recipe handling of process parameters and panel dimensions. The system performs the spreading sequence after a press on the start button. The system can also be integrated into a present process line and superior control system.

The system is suitable for industrial production of sandwich panels with skin material of steel, wood or plastic, and core material of plaster, rockwool, EPS, PEX etc. Suitable for products such as doors building elements, facade panels, etc.

The system can be equipped with massflow metering system or viscosity compensator system for enhanced adhesive quality control.

SYSTEM 3400

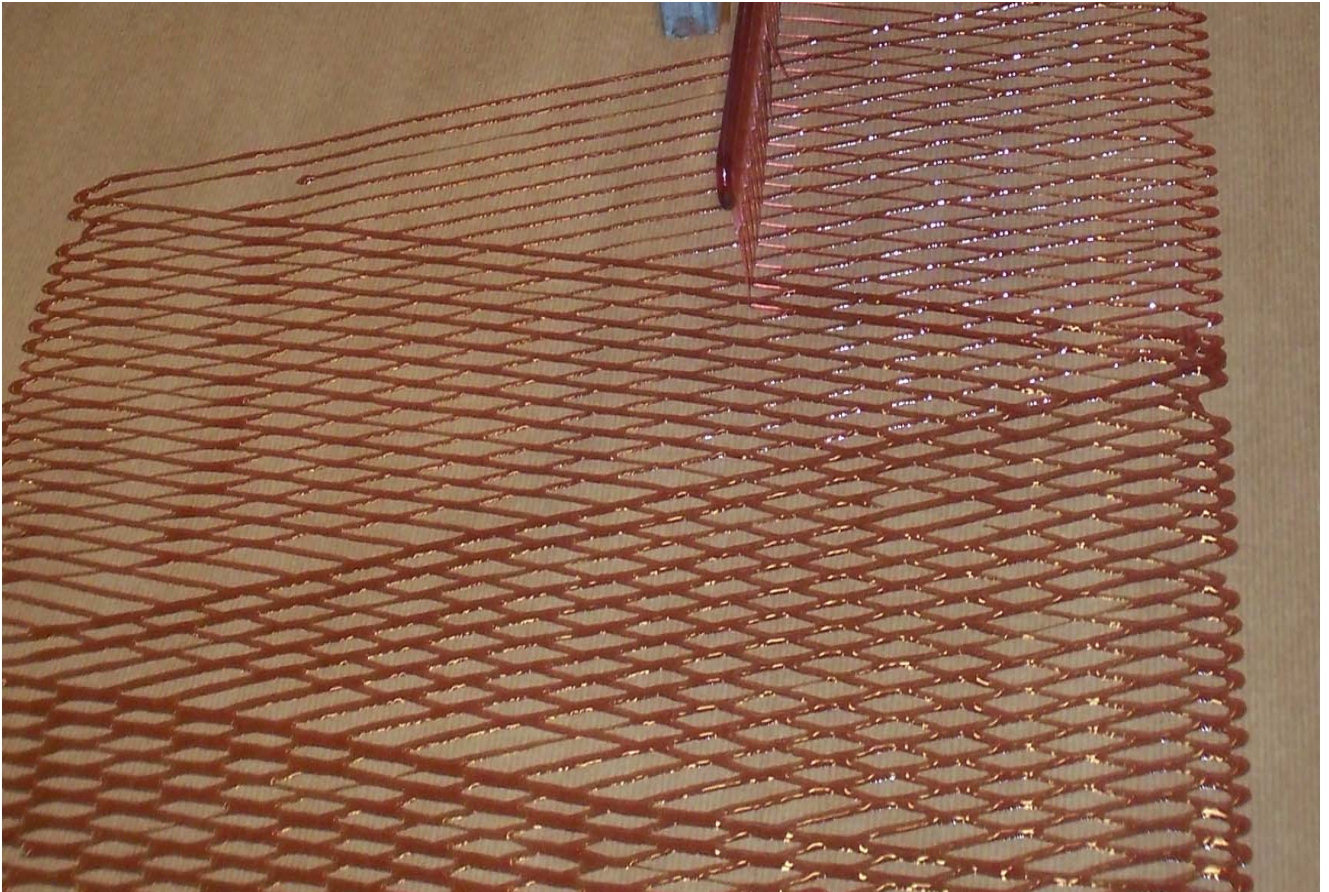


Automatiskt appliceringsystem typ 3400 för en- och två-komponent lim avsett för tillverkning av medelstora sandwichpaneler i styckvis eller kontinuerlig process

Automatic dispensing system type 3400 for one and two component adhesives for manufacturing of medium sized sandwich panels in individual or continuous production lines

SYSTEM 3400

Bead pattern

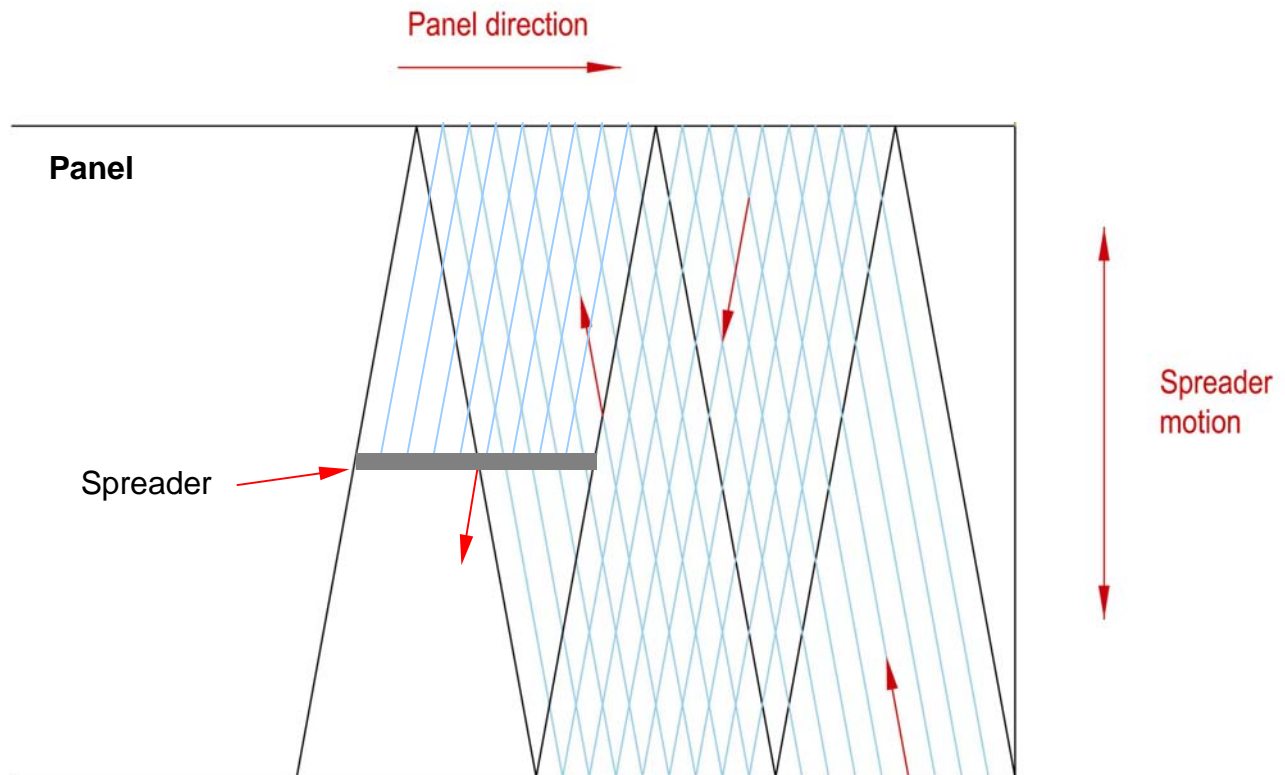


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