

## **AUTOMATIC DISPENSING SYSTEM TYPE 3500 FOR SANDWICH PANEL MANUFACTURING WITH TWO COMPONENT ADHESIVES AND RESINS SUCH AS POLYURETHANE, EPOXY AND MS-POLYMERS**



- *Sandwich designs*
- *Large and small surfaces 1-15 m<sup>2</sup>*
- *Automatic system with flow control*

### **SPECIFICATIONS**

<b>Capacity:</b>	Up to approx. 20 l/min 20 m <sup>2</sup> in approx. 2 min
<b>Mixing ratio:</b>	Fixed: 100:100-100:4
<b>Mixing accuracy:</b>	±2%
<b>Spreader width:</b>	500 mm standard
<b>Air pressure req.:</b>	5 –7 bar
<b>Air volume req.:</b>	500-1500 l/min
<b>Current req.:</b>	400 Volt, 50 Hz, 3 face
<b>Viscosity range:</b>	Up to 50,000 mPas(cps)
<b>Container volume:</b>	200 l drum or 1000 l container
<b>Machine weight:</b>	Approx. 350 kg dep.on size
<b>Dimensions:</b>	As per specification
<b>Pumps:</b>	As per specification, depending on capacity requirement and material viscosity and mixing ratio

*System 3500* is designed for automatic dispensing of two component medium viscosity adhesives and resins. The system is suitable for sandwich panel industrial production such as truck bodies, mobile chassis, caravans etc, where an even and accurate adhesive spreading is required. *System 3500* improves the quality of the final product, simplifies production and improves the working environment.

The machine works automatically on wheel tracks along a working table or stationed with a movable working table under the spreader. The machine is easy to handle with the operator panel or a remotely connected PC. To set the panel size, locate the laser pointer to the panel corner, push start button and the machine will perform the programmed spreading pattern.

The complete system also includes a meter unit 3200 and mixer gun with static disposable mixing tubes and spreader bar. Base and hardener pumps can be placed a long distance from the machine which simplifies the adhesive container or drum handling.

The meter unit in *System 3500* contains two displacement pistons, which are mechanically linked together. The mixing ratio is fixed between base and hardener. Massflow meter units for base and hardener will control mixing ratio and coat weight.