

## **DISPENSING SYSTEM TYPE 3200 FOR TWO COMPONENT ADHESIVES AND RESINS SUCH AS CARBAMIDES, RESORCINOL, UREA-FORMALDEHYDE, MELAMINE AND EPI-ADHESIVES**



### **SPECIFICATIONS**

<b>Capacity:</b>	From single drops up to approx. 20 l/min depending on viscosity and mixing ratio
<b>Required air pressure:</b>	5 bar, 1500 l/min
<b>Mixing ratio:</b>	Fixed: 100:100 - 100:4
<b>Mixing accuracy:</b>	±2%
<b>Viscosity range:</b>	1 - 2*10 <sup>6</sup> mPas
<b>Electronic dosing system:</b>	From 1 gram and up
<b>Material container volume:</b>	25, 200, 1500 kg
<b>Machine Weight:</b>	350 kg
<b>Dimensions of meter unit:</b>	Length: 180 cm Width: 50 cm Height: 140 cm
<b>Pumps:</b>	As per specification depending on capacity and viscosity

*System 3200* is designed for measuring, mixing and dispensing of low, medium and high viscosity two component adhesives and resins such as carbamide, resorcinol, melamine, resins and PEI adhesives for applications within the wood industry.

*System 3200* improves the quality of the final product, simplifies production, and simplifies the handling of adhesive/curing agents during manufacturing and improves the working environment. The system automatically measures the adhesive components and ensures an accurate and homogeneous mixture. Components are dosed under pressure to eliminate air entrapment.

The complete *System 3200* includes hoses, mixer gun with a static disposable mixing tube, nozzle and spreaders. The machine system could include automatic electronic dosing system with a precision-handling program if desired. *System 3200* is ideal for adhesive dispensing of e.g. plywood, finger joints, laminate lay-up. The system is also well suitable for string and spot joints within the assembly industry.

The metering unit in *System 3200* is comprised of two linked displacement pistons. The mixing ratio between base and hardener is fixed but can be customized with different piston sizes. The system is double acting and gives an even and continuous material flow. The mixing gun is drip free and can be supplied with a handle, foot control or photo sensor control.