

BARKVALL 3200

– Manual and Automatic Dispensing system for two component adhesives



System 3200 mixes and dispenses two component adhesives and resins such as polyurethane, epoxy and ms-polymers. It comes in both a manual and an automatic configuration and is the perfect

choice for sandwich panel manufacturing both in individual and continuous production lines.

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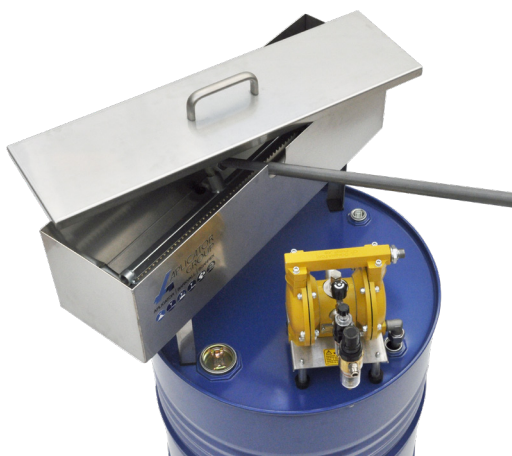
FEEDING PUMP COMPONENT A

Feeding pump for Component A with agitator and low level indicator.



FEEDING PUMP COMPONENT B

Feeding pump for Component B with silica gel filter and low level indicator.



SOLVENT FLUSHING UNIT (OPTION)

Solvent flushing unit with tank and pump.



AGITATOR WITH DRUM LID (OPTION)

Drum lid with pneumatic or electrical agitator for preventing sedimentation.

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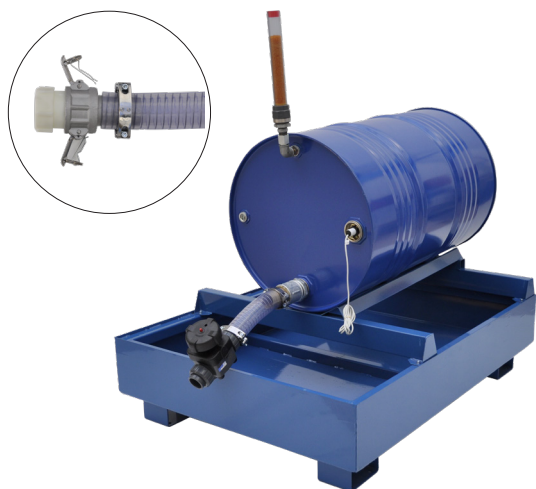
AUTOMATIC APPLICATION GUN (OPTION)

Automatic application gun with disposable mixer and spreader.



MANUAL ADHESIVE GUNS

Two component guns with different mixers and spreaders. Wide range for different purposes available.



ACCUMULATOR TANK (OPTION)

Accumulator tank between material pumps and IBC container/drum. Prevent stop in production during change of IBC container/material drum.



WHEEL CHASSIS (OPTION)

Metering unit, material drums and feeding pumps mounted on our wheel chassis.

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FUNCTION

System 3200 is designed for measuring, mixing and dispensing of low, medium and high viscosity two component adhesives and resins. Compatible with a wide spread of materials such as epoxy, polyurethane and silicone, system 3200 is the perfect choice for use in industrial applications such as sandwich panel manufacturing, electronic casting and sealing.

System 3200 improves the quality of the final product. It simplifies production, the handling of adhesive/curing agents 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 and provide perfect mixing ratios.

The complete System 3200 includes hoses, mixer gun with static mixer, nozzle and spreaders with a variety of designs to fit any kind of production. The machine can be assembled with an automatic electronic shot system with a precision handling program if desired. System 3200 is ideal for precision adhesive dispensing in production of electronic equipment, wide string spreading onto sandwich panel elements and for sealant applications. The metering unit in System 3200 is comprised of two linked displacement pistons. The mixing ratio between base and hardener is fixed and can be customized with different piston sizes. The system is double acting giving 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 to be either hand held or mounted onto any kind of applying system.

System 3200 SS is a stainless steel configuration that can operate with aggressive materials where other machine systems fail. It is designed for measuring, mixing and dispensing two component materials such as carbamide, resorcinol, melamine, resins and PEI adhesives for applications within the wood industry.

FEATURES

- Proven and reliable system
- Comes in both manual and automatic configuration
- Choose reusable or disposable mixers and spreaders of your choice
- Can be supplied with a range of options, such as
 - wheel chassis
 - accumulator tanks for seamless container switching
 - flushing unit
 - PLC for automatic production and overview.
 - level sensors and flow meters
 - agitators

TECHNICAL DATA

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

All data and characteristics mentioned in this booklet are by way of example only. Aplicator Systems reserves the right to modify the products without prior notice.



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