



Brochure

For 1, 2 & 3 Component

Adhesive Application

Systems



Overview

With over 25 years' experience serving the Sandwich Panel, Truck Trailer, Sip, Lamination, Façade & Door industries we feel at Rockingham Systems we really do offer the whole package for adhesive dispensing systems, which we tailor to our customers' needs be it a stand-alone system, production line or continuous production line.

Our business is based upon increasing production, reducing labour cost or reducing adhesive wastage/over-use and all the above. With this outlook we grow and adapt as our customer's do too.



Manual Pump & Drum Type & Advanced Manual

(Stand-Alone or Trolley Mounted)

This machine type is for the application of 1 component adhesive such as PU, Epoxy & PVA and is available in 6 different variations which all feature:

- Strong robust pumping system.
- Low maintenance design.
- Silica air drier protects adhesive from moisture.
- Spreader for optimum beading.
- Protective fluid storage box to prevent spreader curing during

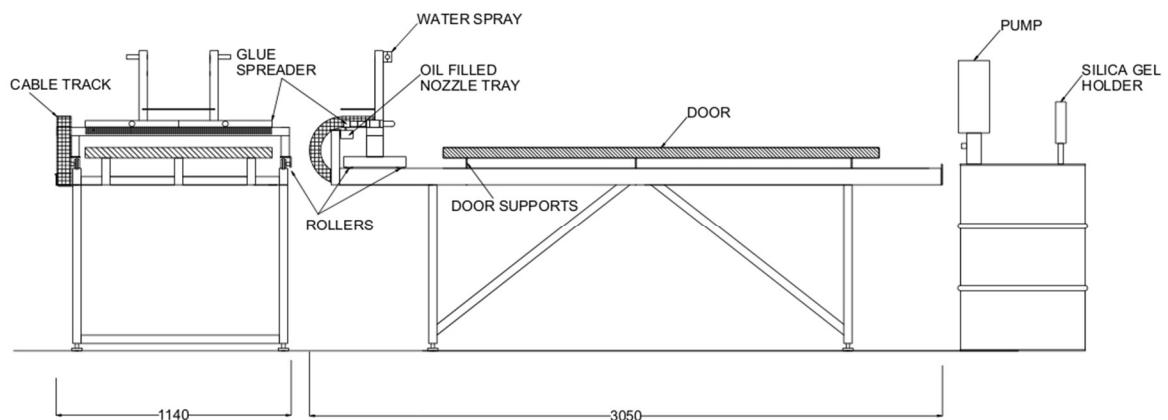


Advanced Manual

The Advance Manual is the cost-effective link between automatic and manual application, giving automatic style application and speed for a manual price.

As a system, it applies 1-Component Moisture cure PU and then on the return pass applies water spray. And is made for panels up to 1220mm wide ideal for doors, SIP's and more.

This is all activated manually by the operator pressing buttons and moving the unit along the guide rails.

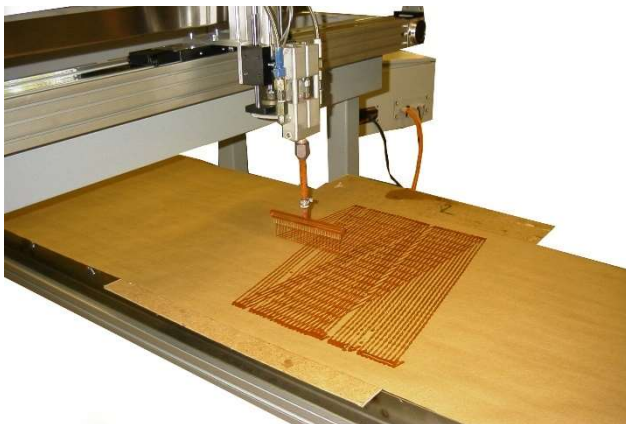


String Application Type

This machine type is for the application of 1-component adhesives such as PU, PVC, PVA, MS-Polymer and silicate, and is available in 2 different basic variations which can offer:

- Shut off sensors to reduce adhesive usage.
- Protective oil tray to prevent spreader nozzles from curing.
- Control of coat-weight.
- Integrates into production line or as stand-alone.
- Can be made to move on a bed or work above conveyors.

1 & 2K



Automatic Spreader Type

This machine type is for the application of 1 & 2 component adhesives such as PU, MS-Polymer, silicate, epoxy & PVA and is available in 3 different basic variations which can offer:

- More precise application of adhesive.
- Control of coat-weight.
- Apply to programmable surface area using stored "recipes".
- Integrates into production line or as stand-alone.
- Cutting costs through better productivity.
- Can be made to move on a bed or work above conveyors.

Rockingham Systems

2K

Manual 2K



This Machine type is for the application of two component adhesives such as PU, Epoxy, MS-Polymer, Silicone & Polysulfide and comes in 4 different variations which all feature:

- Robust Pumping system.
- Meter cabinet for correct ratio.
- Inline mixer from gun to spreader.
- Can be used for gun application or side dispenser.
- Low maintenance, long life.

High Viscosity Adhesives

For Higher viscosity applications a heavy duty pressure plate pump is integrated into our machine.

It's worth noting that as with the high viscosity solution one size doesn't always fit all and at Rockingham Systems we realise this and will always strive to adapt and work with you to fit your specifications.



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2K

2K Automatic

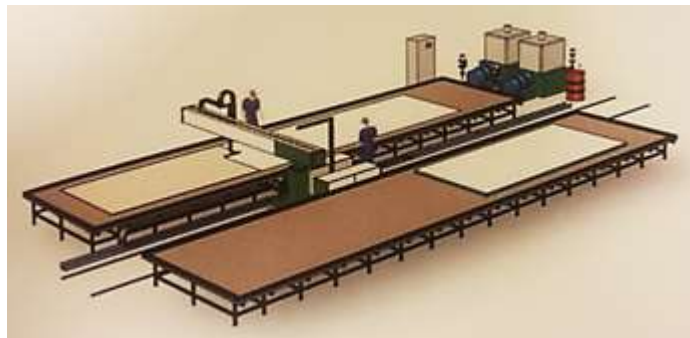


The Automatic Systems have all the benefits of our manual systems, then add to that:

- Reduced coat weight eliminating over usage of adhesive.
- Increased productivity through speed of application.
- Reduce production manpower by minimum one person.
- Massflow precise metering or viscosity compensator system.
- Programmable “recipes” for repeat production.
- Cleaner more precise application.
- Eliminates the need for Solvent Flush systems using our disposable spreaders & mixers.
- Option for two speeds of adhesive at the flick of a switch.

Right: typical layout for production.

Tracks can be up to 100M



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3K



3K Manual

The 3-Component manual system offers the same robustness and quality of the 2k manual as well as being able to:-

- Set cure times for individual panels & individual panel layers which speeds up production.
- Reads Temperature in real time and adjusts ratio to suit.



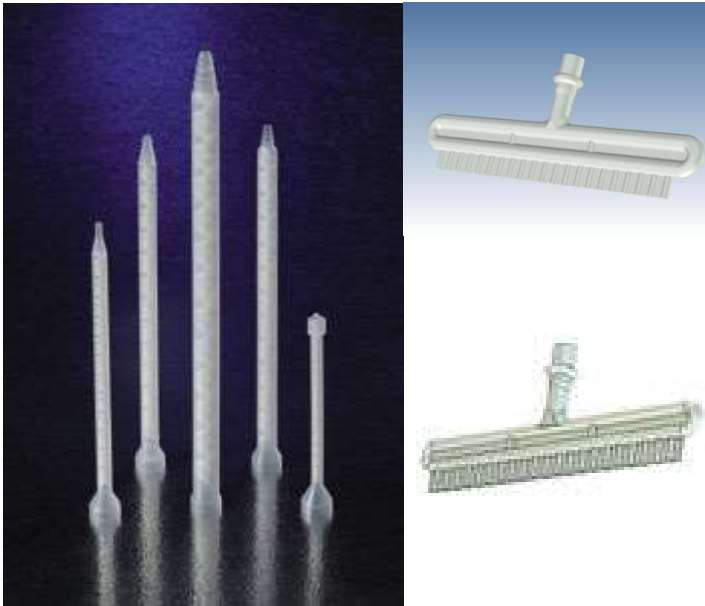
3K Automatic Systems

We offer two main variations of automatic 3k Adhesive Machines which uphold the same standards of the 2k automatics. Their main added benefits are:-

- Variable Open Time settings to speed up production, which mixes Fast A-component, Slow A-Component & B-Component (Curing Agent) to achieve desired open time for panel and adjusts each layers ratio accordingly.
- Alternatively tailor longer open times for more complex panels.
- Storable “Recipes” incorporating the above settings.
- Reads temperature in real time and adjusts ratio to suit.

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Mixers & Spreaders



Disposable Mixers & Spreaders

We offer a wide range of disposable mixers for all sorts of applications these can be viewed at staticmixer.co.uk.

There are two types of disposable spreader (150mm & 500mm) that work with our static mixers using the purge system on our automatic machines eliminates the need for a solvent flush system.

Steel Mixers & Spreaders

Our steel mixers are strong and robust enough to pump from the manual machines across the width of the press, extension pipes are available if required.



Solvent Flush System

For cleaning simply remove the spreader, mixer and extension pipe from the machine and connect it to our solvent flush system and pump it clean!



Rockingham Systems specialize in Adhesive Dispensing Systems & Pumping, providing our services mainly in the UK, Ireland and across Europe but with a knack for striking deals globally.

Our Services include: -

- 1, 2, & 3-Component Adhesive Machinery, both manual and automatic application (with lifetime support).
- Static Mixers, Cartridges & Dispensers.
- Pumping Equipment.
- Epoxy/Paint Sprayers (both industrial and contractor).
- 2-Component paint spray systems.
- Parts, Servicing and Breakdown Call-outs for all our own systems as well as all Barkvall, Sika, Casco and Larius Systems (on-site or off).
- Consultancy & on-site training.

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