

GLUE PREPARATION SYSTEMS

SRP-Europe B.V. is a company dedicated to the corrugated industry. With an extensive background and 20+ years experience our products have one common theme: "Efficiency Improvement". SRP-Europe equipment is designed and built in our factory in the Netherlands and shipped to customers all over the world.

Glue making has proven to be a very important process in the corrugating industry. To improve the glue making process, additives and modified starches are used which will usually increase the cost; SRP-Europe has developed a solution that will result in a significant cost benefit. In the corrugated industry, different solutions are needed for various operating circumstances. SRP-Europe has three ranges of products available. The GK1200 FA, GK1200 SA and our latest development GK1200 TT.



GK1200 TT

Our latest development; a fully automatic system that will control the viscosity during the batch. The glue of this system has outstanding properties. Very low gel temperatures are possible without creating problems with the viscosity.

GK1200 FA

The fully automatic Steinhall glue kitchen. This system has a full automatic dosing of Caustic Soda (NaOH) and Borax.



GK1200 SA

The mixtank is supported by loadcells. Ingredients such as water and starch will be dosed automatically. Dosing of Caustic Soda (NaOH) will be done by a flow meter. Borax will be stored in the shot hopper.



GK1200 CHARACTERISTIC FEATURES:

The GK1200 range can always be upgraded to the next model (SA to FA, FA to TT).

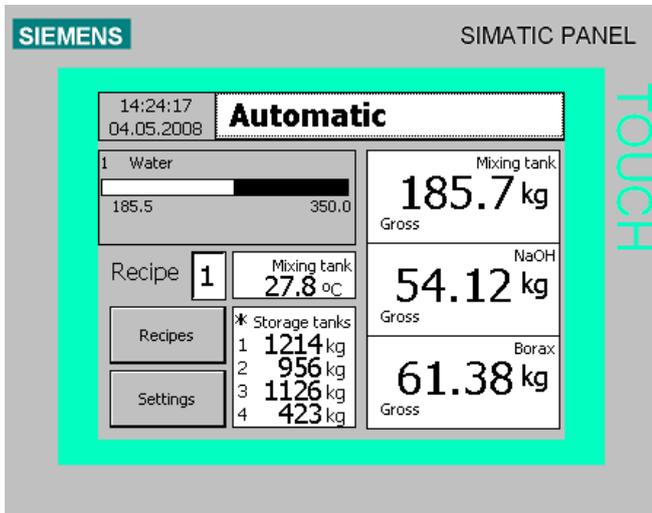
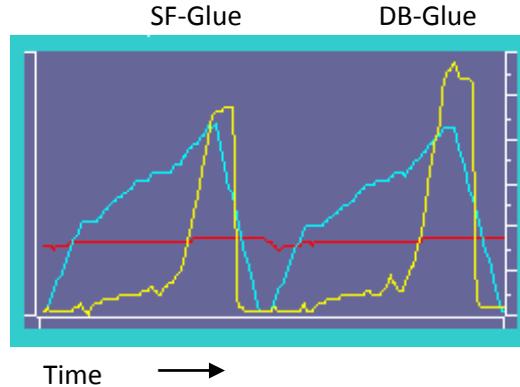
The important characteristic features are:

- High Shear Mixer (stainless steel)
- A conic shaped preparation tank (stainless steel) with high quality loadcells
- All components built in one skid
- PLC-controls with manual overrides and scale units
- Local touchscreen for machine operation
- Small batches, always fresh glue
- Flexible Batch Sequencing
- Exact dosing of ingredients
- Automatic overshoot correction
- Low maintenance and commonly available parts
- On-line service support

Additional information

Below is the graph of the process of the GK1200 TT.

Blue line = Weight of preparation tank
 Red line = Temperature of preparation tank
 Yellow line = Viscosity of the glue (the sudden drop is when the glue is below the measuring position)



On the left side you will see the local touch screen. When the remote console (PC) is out of order all necessary program tasks can be done on the local screen.

Model	Batch size	Re-using waste water (flexo)	Viscosity Control	Capacity (/hr) (depending on local situation)
GK1200 SA	700-1200 kg	Yes, see below	Reading (option)	2500 kg / hour
GK1200 FA	700-1200 kg	Yes, see below	Reading, next batch control (option)	3100 kg / hour
GK1200 TT	500-1200 kg	Yes	Yes	5500 kg / hour

To use flexo and/or wash water we recommend a PH control in the collection tank. The PH-control will be connected to the glue-kitchen.

Designs and specifications are subject to change without prior notice or obligation.
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