

Glue Mixing Equipment VARIOMIX L



Technical features

Mixing container of stainless steel with turbo stirrer, resting on weighing cells, with automatic drain valve

Stainless steel storage vessel for one mixture, with a level sensor for the automatic activation of the next mixing process

Metering of liquids in two stages via pneumatic valves, with coarse and fine dosing

Metering of powder components from a stainless steel storage vessel with an integrated stirring mechanism by means of a flexible screw conveyor

High operating reliability and reduced maintenance requirements as a result of the elimination of sensitive dosing and monitoring devices

PLC control with operator panel and text display for 10 preprogrammed formulas

Selectable batch size for optimum batch residues at end of shift

Rapid disassembly of the vessels and the mixer for cleaning

Field of application

Versatile batch mixer for the automatic production of glue mixture from several components for use in the woodworking industry

The mixing process takes place step-by-step to any specified formula, controlled by weighing cells under the mixing container

The balance controller allows a precise dosing of all components, irrespective of density or fluctuations in viscosity

As a result of the simple adjustment of the glue formula, a Variomix unit is recommended for use with frequently changing and / or customer-specific glue mixtures.



Weighing cell at the mixing unit

Accessories

Transfer pumps for the supply of liquid materials from a tank or container

Big-Bag emptying station for simplified powder handling

Automatic conveyance of the glue to the glue spreader

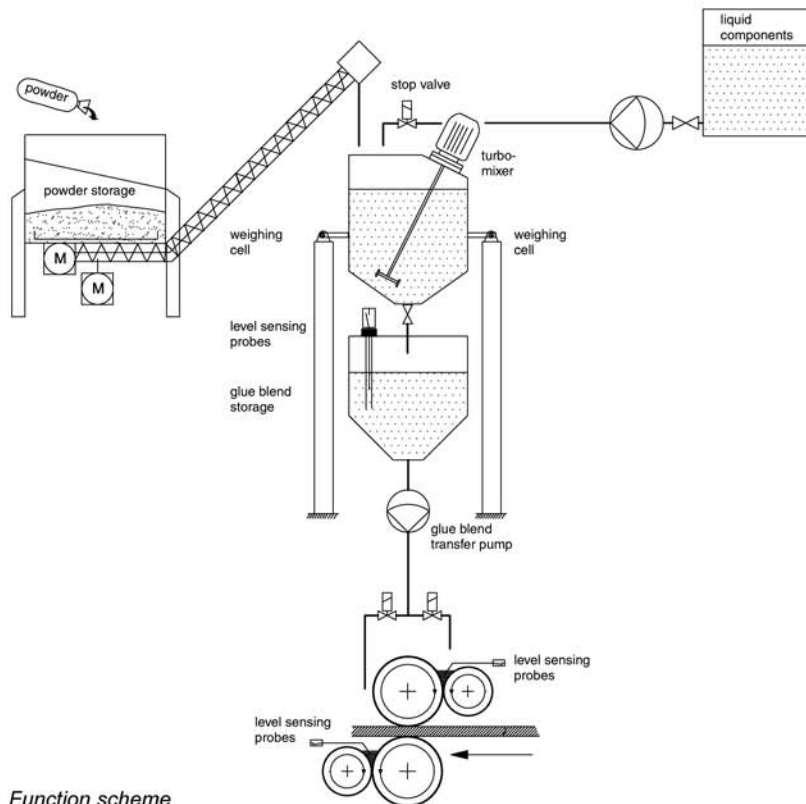
Automatic glue blend distribution to several consumer glue spreaders, also with different mixtures per consumer

Cooling unit for extension of the potlife of the glue mixture and to facilitate the cleaning process

Extraction system for the exhausting or return of aggressive dusts or vapours

Data logging device with data collection for each batch including all components

Networking with other controllers and host computers via bus systems



Function scheme

Technical Data

Batch size	10 to 30 l, depending on design
Mixing capacity	up to 400 kg/h, depending on design
Formulas	up to 10 formulas preprogrammable
Dosing accuracy	40 - 200 g, depending on design
Electrical connection	three-phase A.C. current 400 V/50 Hz



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