

Automatic Glue mixer MCP

Full automatic preparation system for UF glue mixture working with powder glue and water.

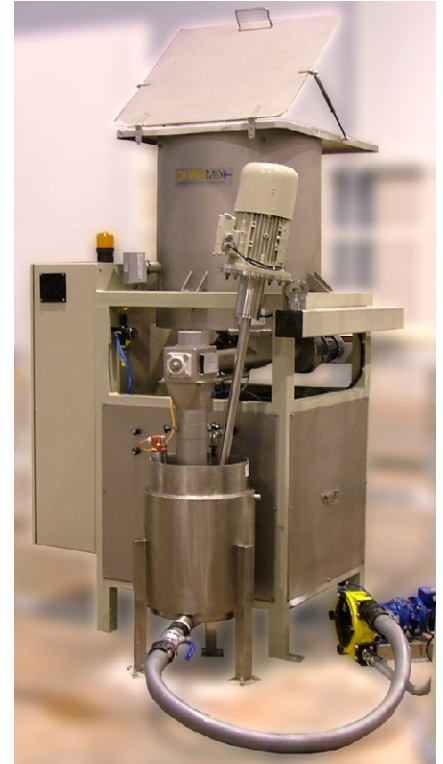
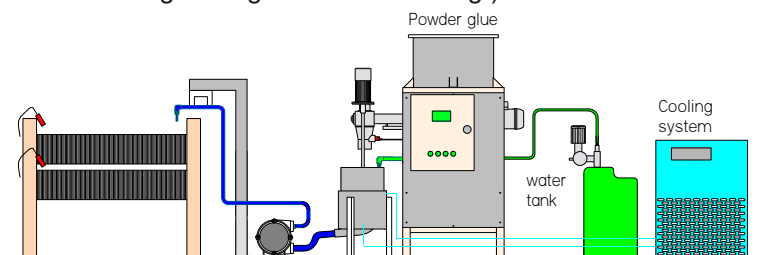
Concepción

El mezclador MCP puede funcionar de 2 modos distintos:

En modo batch, para preparar una cantidad fija de cola con el fin de efectuar el llenado de cubos.

In continuous way, maintaining a constant level of mixture in the tank (about 10 Kgs), This tank is connect by pumps to one 1 or several spreaders, When the level sensor detect a low level in the spreader, the system fill up automaticaly.

The dosage and the feeding of the products are completely automatic with bombs and volumetric screws. In case of absence of a component, an alarm is activated. The mixture is cooled to improve the potlife (a glue with a potlife of 6 hours at 20°C will be conserved 20 hours at 10°C, si it's possible to let the mixture in the tank during the night without cleaning.)



Technical data

Capacity	2-12 Kg/min according to model
Construction	Stainless material for the pieces in contact with the glue.
Control cabinet	IP 55, Transformer 380V/24V, PLC, , screen of 4 lines for reading alarms and modification of the parameters. Powder dosing screw in stainless steel Mixture tank doble skin for cooling Photo sensor levels for the spreader
Opciones	Flowmeter, load cells

Working mode

Batch or continus
Automatic or manual

Preparation with batch mode

Selection of the mixture needed by switch (up to 4 programed different mixtures)
Meetering of the components and programmable mechanical agitation (variation of speed of the agitator, time) After the established time, the mixture is ready to use.

Preparation in continuous way with the purpose of feeding the spreader automatically (level Sensors in the spreader)

The first preparation of the day is the same as a batch. The later preparations are done when the level sensor of the tank detects the minimum level, then the agitator starts and the components arrive simultaneously dosed to the mixer tank and fill up to the high level. When a spreader level sensor detects the minimum level of mixture, a bomb sends the mixture automatically to the roller (up or down). At the end of the day, the mixer is conect in recycling position and it's possible to let it for the night without cleaning.