Mezcladores automáticos

Cooling system SRF For glue

Cooling of all spreader types and glue tanks

Conception / Working

The water is cooled to a preselected temperature level in an heat exchanger over dimensioned.

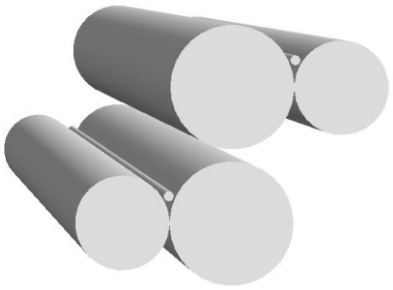
The cooled water circulate inside a tube made of stainless steel that must be installed between rollers of the spreader (in direct contact with glue) or directly inside rollers when they are equipped with rotating connections.

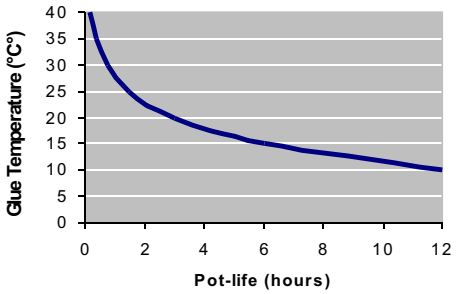
Applications

The SFR maintains the glue mixture at the wished temperature (10 - 15°C) independently of the ambient temperature.

The use of urea formaldehyde or melamine urea formaldehyde glues in spreader could be difficult during heat period . The pot life of the glue mixture evolves quickly with the temperature (An elevation of 5°C divides the pot life by 2 see table) This phenomenon has as consequence to increase the viscosity and apply an irregular and generally too elevated glue amount. There are glue crossed on veneers, over consumption of glue, expensive stops of production and considerable quantity of waste waters that must be destroyed.

The SRF can also be used for the PVAC glues in order to reduce the evaporation and to maintain constant the viscosity.





Advantages

The SRF permits to improve working conditions considerably, without risks of polymerisation in the spreader during the production's stops (accidental or lunch time)

It permits the use of mixed glues more reactive, increasing the capacity of production and permits to work to a lower press temperature.

It reduces the quantity of wastewater.

The SRF improves the regularity of the glue amount and reduced stops of production.

Model SRF	Cooling Kcal/h	Electric KW
10	602	1,15
20	1.600	1,25
30	2.930	1,71
40	3.930	2,20
60	5.720	3,02
80	7.590	4,10

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