

Glue Spreading System ECOTOP TD 350



Areas of application

Glue spreading system for the separate resin-hardener-application of Melamine- and Resorcinol glues for glulam production.

Technical features

Compact shape with rolling frame for easy insertion in the gluing line

Separate switch cabinet with operator panel and PLC control

Digital entry of feed speed and application volume

Automatically controlled dosing pumps with self-calibration in the case of wearing

Application control with flow-meter

Conical stainless steel supply tanks for resin and hardener with cooling jacket, sieve insert and cover against material evaporation

Level monitoring of the supply tanks for automatic refill

Stainless steel pouring heads for a contact-free, thread-like glue application on the top surface. Interchangeable pouring inlets to fit a wide variety of applications

Dry pass through swinging out of the pouring heads

Minimum cleaning effort in the daily use, since only the pouring

heads and the sieve inserts of the supply tanks must be cleaned.

The components requiring cleaning can be easily disassembled as a result of quick-change fasteners or couplings

Signal- and power supply from the switch cabinet to the glue applicator with plugs



End product glulam

Configuration ECOTOP TDV 350

Feed detection via analog tachometer directly at the lamina and automatic control of the dosing volume

This system proves particularly practical when applying glue downstream of planing machines with fluctuating feed speeds



Separate application for resin and hardener

Accessories

Glue consumption counter

Dosing pump speed control for different glue application per lamella

Automatic dry joint control via counter

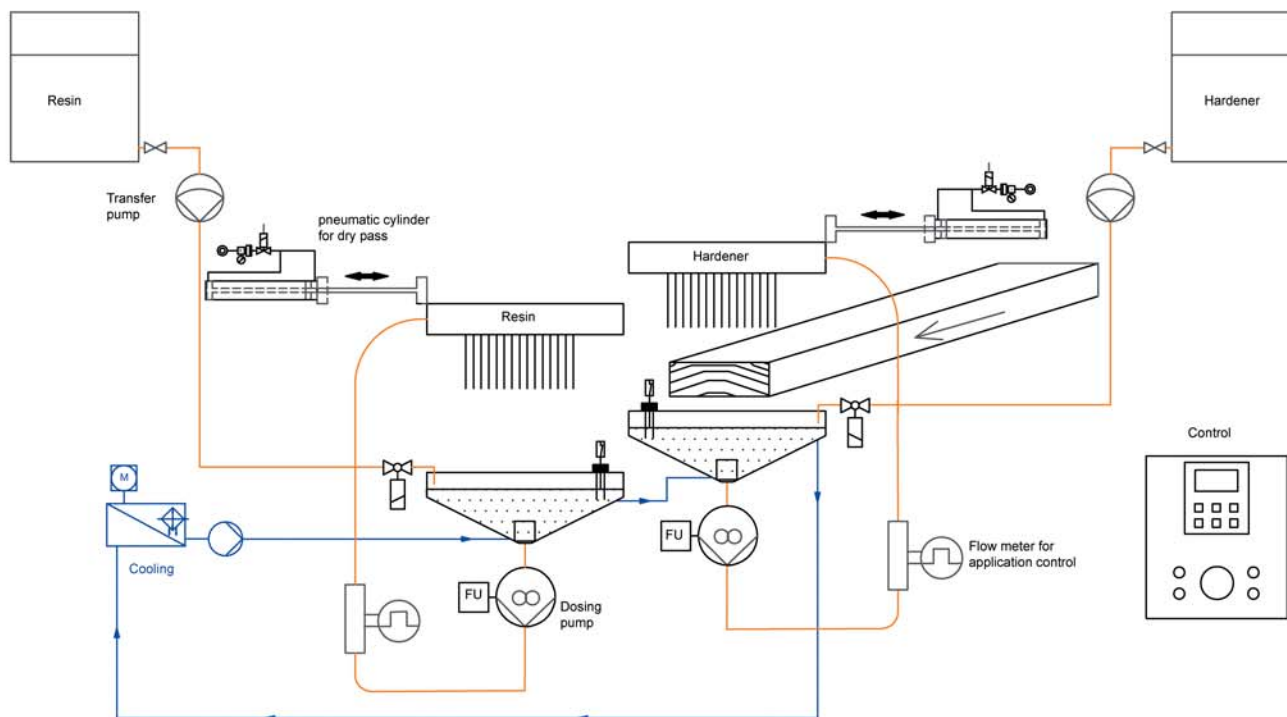
Networking via bus systems with other controllers and host computer

Cooling equipment with closed cold water circuit available in various performance classes

Transfer pumps for automatic raw material refill

Technical Data

Pouring width	350 mm
Feed performance	80 - 250 m/min
Glue spread	250 - 500 g/m ²
Roller conveyor height	850 - 1200 mm
Dimensions (LxWxH)	1800 x 800 x 2000 mm
Power supply	AC 400 V / 50 Hz; N 3,0 kW



Function scheme



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