

Glue Spreading System ECOTOP 350



Areas of application

Glue spreading system to process all approved urea, resorcinol, melamine glue blends for glulam production. Also available in a modified version to process PVAc glue or EPI resin for the manufacture of window joinery or special components

Technical features

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

Conical stainless steel supply tank with cooling jacket in an optimized

design allowing a minimum surface to be glued

The pouring machine can be filled with glue either automatically or manually

The minimum circulating quantity and thus the residue is minimized

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

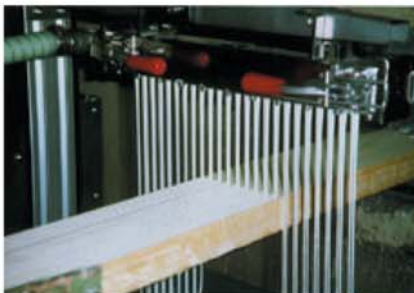
Geared metering pump with electronically controlled drive

Digital rpm display for precise metering and reproducibility

Three different metering quantities can be pre-programmed via step switch to accommodate varying operating conditions

Stainless steel pouring head 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 lowering or swinging out of the pouring head



Lowerator raised - Lamina is glued



Lowerator lowered - Dry pass



End product glulam

Configuration 1 ECOTOP D 350

PLC control system with control panel

Digital entry of feed speed and application volume

The dosing pump is automatically controlled

Application control with flow-meter

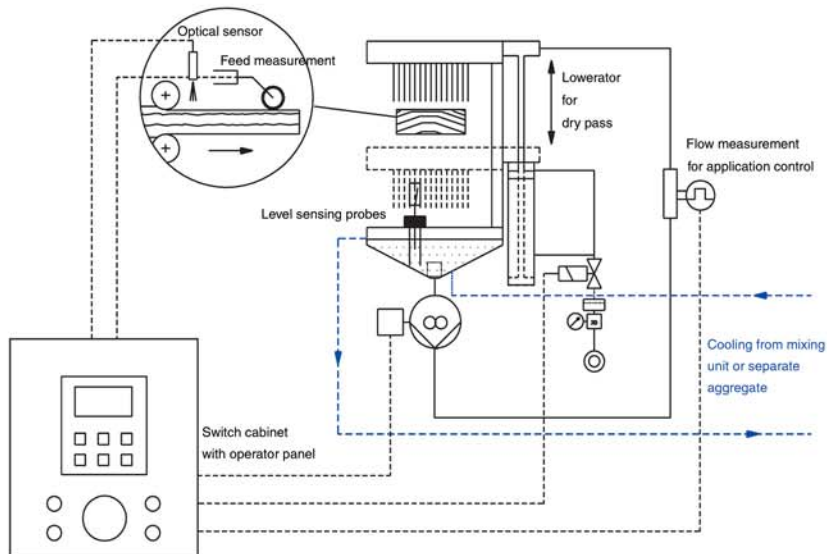
Automatic wear calibration of the pump

Configuration 2 ECOTOP DV 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

With the configurations 1 and 2 glue savings up to 20 % are possible



Function scheme

Accessories

Specialised pouring heads for unique applications

Level monitoring for automatic refill

Cooling equipment with closed

cold water circuit available in various performance classes

Networking via bus systems with other controllers and host computers

Technical Data

Pouring width	350 mm
Feed performance	80 - 250 m/min (Standard) 30 - 100 m/min (Special)
Glue spread	250 - 500 g/m ²
Minimum filling quantity	2,0 l
Maximum filling quantity	15 l
Roller conveyor height	850 - 1100 mm
Dimensions (LxWxH)	1250 x 600 x 1150 mm
Power er supply	AC 230 V / 50 Hz; N 0,75 kW AC 400 V / 50 Hz; N 1,1 kW for ECOTOP D / DV



ECOTOP D 160 Special version

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