

Glue mixing Equipment DYNAMIX H



Fields of Application

Mixer to automatically supply glue pouring machines or other glue spreading machines with a glue blend consisting of

- liquid resin and
- highly viscous liquid hardener

for use in the manufacture of glulam and other load-bearing components



Technical Features

Dosing unit:

Compact metering unit with an attached control cabinet and a separate operator's station

Storage vessels with no clearance volume for resin and hardener with refill control and low level monitoring

Electronically controlled, infinitely variable metering pumps

Cold water circulation cooling with a heat exchanger for resin, hardener and glue consumer

Precise metering monitor for hardener and resin (optional)

Glue consumption counter

Programmable controller (Siemens S7) incl. operator panel and text display

Approved by the FMPA

Mixing unit:

Separate stainless steel inline mixer, installed directly at the spreading machine

No storage or residual material in the mixer

Integrated terminal box with operating elements for dosing checks

Rinse connections for output nozzles

Accessories

Automatic refill of resin and hardener using transfer pumps

Metered water addition for special applications

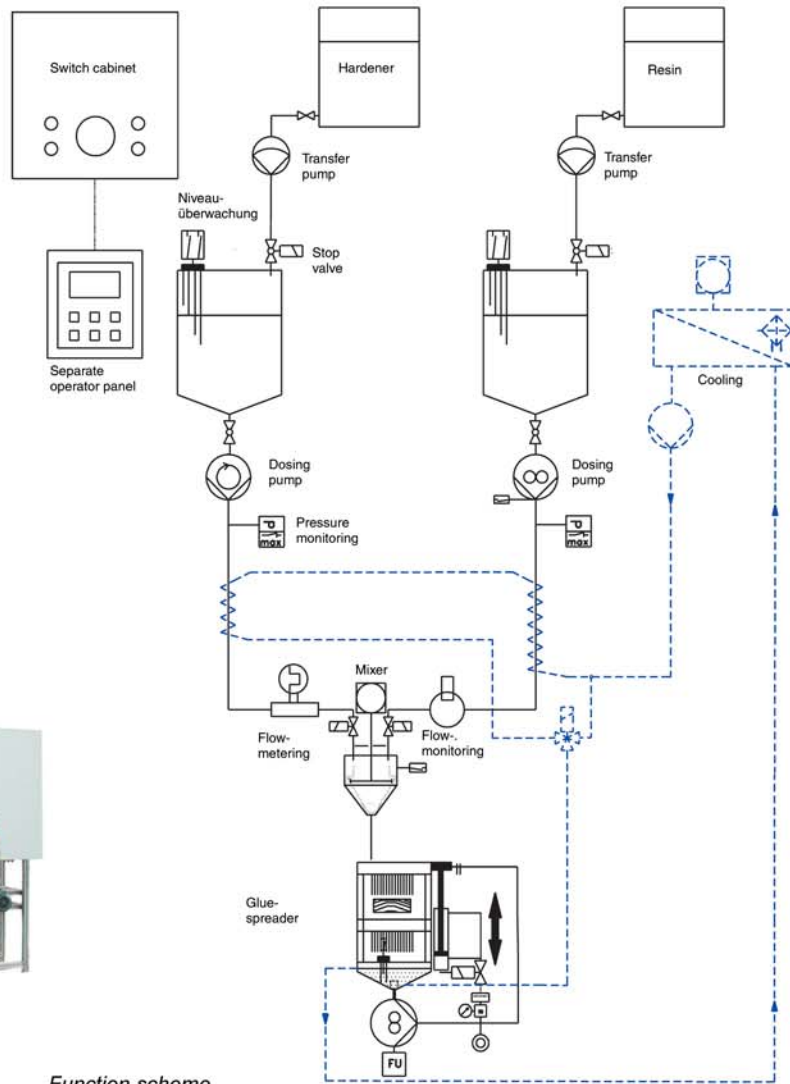
Refill control for glue consumer

Logging of operational data (error messages, glue consumption, mix ratios per charge) via a log printer

Acid-resistant lines for aggressive hardeners

Networking with other controllers and host computers via bus systems

Special solutions



DYNAMIX H with spreader ECOTOP 350

Function scheme

Technical Data

Glue output	approx. 500 - 1000 kg/hr as required
Monitoring precision	± 1 part by weight (hardener), based on resin
Dimensions (L x W x H)	1000 x 800 x 1900 mm
Gross weight (incl. raw materials)	approx. 450 kg
Power supply	400 VAC / 50Hz with neutral conductor Connected load, approx. 3 kW



Dynamic mixer at work

 **PROTECH**
INTERNATIONAL
We are your service!
Phone: 704-321-5500 Fax: 704-321-5507
<http://www.protech-international.com>

5521 Cannon Drive
Suite 102
Monroe, NC 28110
Phone: (704) 296-9600
Fax: (704) 296-9601

