



green GLUING

LOW PRESSURE COLD GLUE TROLLEY

Mobile Cold Glue System

Low-maintenance | user-friendly | flexible | fast

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The Low Pressure Cold Glue Trolley is a mobile and compact cold glue system with up to 4 application heads. It is suitable for the flexible and fast use in the converting and graphical industry. The system is very user-friendly and low-maintenance.

Application

The cold glue cart is designed for delivery and application of dispersion adhesive. Depending on the used application head and the viscosity, the system can be used at machines with speeds of up to maximum 400 m/min. In combination with the material pressure regulator, the cold glue cart is particularly suitable for folding box gluers.

Components

To achieve uniform glue application even at changing machine speeds, a material pressure regulator is installed after the container pump. This regulator adjusts the adhesive pressure according to the machine speed ensuring a consistent application amount.

The pump unit can be pneumatically lifted from the hobcock significantly simplifying container replacement. The pneumatically operated double diaphragm pump draws in adhesive through a coarse filter. The delivery pressure and thus the delivery volume is adjusted via the operating pressure of the pump. The fine filter holds back foreign matter.

The new generation of electrically operated cold glue application heads of the Sempre series combines highest switching frequency with maximum lifespan. With contact-free adhesive application in dot, bead, and continuous patterns, the application heads are ideal for the use in folding box gluers, envelope machines, etc.

The AS 50 application control with or without adhesive application monitoring can handle up to 4 cold glue heads, 4 triggers, and 2 encoders. 90 programs with up to 32 beads per application head can be programmed.

Features

- Mobile and compact cold glue system
- 7" or 12" touch screen
- Modular structure
- Suitable for different containers

Advantages

- Flexible use at different production locations
- High-precision dot or bead application at high production speeds (up to 400 m/min)
- User-friendly
- Parallel control of up to four heads
- Easy integration into production system
- Low maintenance effort



Cold glue application head Sempre 6



Cold glue application head Sempre 15



AS 50 application control



DK 6 material pressure regulator

TECHNICAL DATA

Maximum container Ø	Ø 380 mm
Pump	Double diaphragm pump
Pump pressure	Depending on air pressure supply: maximum 6 bar
Pressure ratio	1:1
Pump rate *	Maximum 20 kg/min at 6 bar glue pressure (with water)
Glue pressure	6 bar max.
Viscosity	Sempre 6: 100 ... 500 mPas / Sempre 30: 100 ... 4 000 mPas
Recommended adhesive classification	D1, D2 (EN 204)
Adhesive filter	250 µm filter
Dimensions L × W × H	990 × 410 × 1550 mm
Weight (3 heads; 2.3 m hose package)	Approx. 43 kg

* Approx. value, delivery output depending on adhesive