

# RO

## Coldgluetrolley with pump, controller and heads CartoGlue LP™

NEW

low maintenance | user friendly |  
flexible and fast



**Robatech**  
Gluing Technology

## CartoGlue LP™

### Mobile Coldglue System

Mobile coldglue system with up to 4 heads for flexible and rapid use in the converting and graphic industries. Extremely operator-friendly and requiring little maintenance.

#### Application

The coldglue trolley is used for pumping and applying dispersion-type adhesives. Depending on the chosen applicator head and the viscosity the system can be operated at machines with speeds of up to max. 400m/min. The coldglue trolley in combination with the material pressure controller is particularly suitable for gluing machines producing folding boxes.

#### Quantity pressure controller

A quantity controller is installed before the applicator heads to ensure that a constant glue application is also achieved in case of a changing machine speed. An encoder measures the machine speed and the proportional valve converts this signal to a pneumatic pressure. The subsequent quantity pressure controller

adjusts the glue pressure to suit the machine speed so that a constant applied quantity is guaranteed.

#### Bucket pump

The pump unit can be moved up pneumatically so that a change is clearly easier even if the containers vary. The pneumatically operated double-membrane pump sucks up the adhesive through a coarse filter. The feed pressure and thereby the fed quantity is set over the pump's operating pressure. The fine filter retains foreign particles before the glue reaches the hoses and applicator heads.

#### Applicator heads of the ECXM and ECXN series

The ECX coldglue heads are electromagnetic glue heads which enable fast dot and line applications at high machine speeds. They are especially suitable for folding-box gluing machines, envelope machines, etc. ECXM heads process dispersion glues up to an operating pressure of 30 bar in the low to medium

viscosity range up to approx. 2,500 mPas. ECXN heads work with up to 6 bar and 500 mPas.

#### Application control

The application control AS 50 with or without adhesive application monitoring can operate up to 4 heads, 4 triggers and 2 encoders. 90 programs with up to 32 beads per applicator head can be programmed. The control can also be equipped with a 7" touch screen. Data records are transmitted conveniently with the RobaPar software. This SW can be used extremely flexibly and is very operator-friendly with the touch screen.

### Technical data

max. Bucket-Ø	Ø 380 mm
Pump	Double diaphragm pump
Pump pressure	Corresponds to the pressure of the air as fed in: max. 6 bar
Pumping rate 1)	max. 28 l/min at 6 bar glue pressure (with water)
Feed pressure	6 bar max.
Viscosity	100...2'500 mPas
Adhesive filter	Rust-free woven filter 250 µm
Dimensions L x B x H	990 x 410 x 1550 mm
Weight (3 Heads; 2,3m cable-hose assembly)	ca. 43 kg
1) Approximate value, melting capacity depends on the adhesive	

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