

ERO **TE**

ERO **TEPS**

made in Italy 

GTE **13/S**
13/M
112H



≡ ERO ≡
GLUING SYSTEMS

Maximum speed of production = over 500 m/min.

Maximum error at 500 m/min = +/- 1 mm.

Dimensions: L = 400 mm, H = 1510 mm, W = 660 mm.

Weight: 60 kg without glue

High Pressure Gluing System For Foldergluer Machines



- Extra high-speed production
- Low-maintenance & easy to use
- Maximum reliability at high speeds
- Cut down on glue quantity selecting the dot distribution mode
- Top technology at a reasonable price
- Wide range of available optional

The high pressure gluing system has been developed for extra high-speed foldergluer machines.

The ERO-TE system includes the following standard features:

- 8-channel control panel as standard (2/4 or 16 channels available on request)
- High pressure double pistons ERO® glue pump
- High pressure ERO® flow regulator
- Digital proportional valve and air treatment group
- Non-return valve and complete device equipped with alarm for low glue level in the bucket
- Encoder complete with support and pulley, laser photo-eye, glue filter, glue air hoses, pump support and cover
- Electromagnetic glue dispenser type GTE-13/S
- Moving structure available as optional

High Pressure Glue Pump

- Double piston ERO® Glue Pump
- No pressure loss allowed
- Top technology at a reasonable price
- Low maintenance & extra high reliability
- Driven by an electrical board
- Easy seals replacement

All ERO® high-pressure systems are provided with a double-piston ERO® glue pump. This pump has been specifically designed by ERO® for the cardboard sector and on the market there aren't any similar pumps. It was developed to tackle the problems often inherent in other pumps. While most piston pumps on the market have a single piston, the ERO® pump has two. The second piston begins its stroke before the first piston has finished, thus avoiding any loss of pressure.



All ERO® high pressure systems are equipped with a HP glue pump

ERO® systems are driven by smart and easy to use control panels



Control Panel

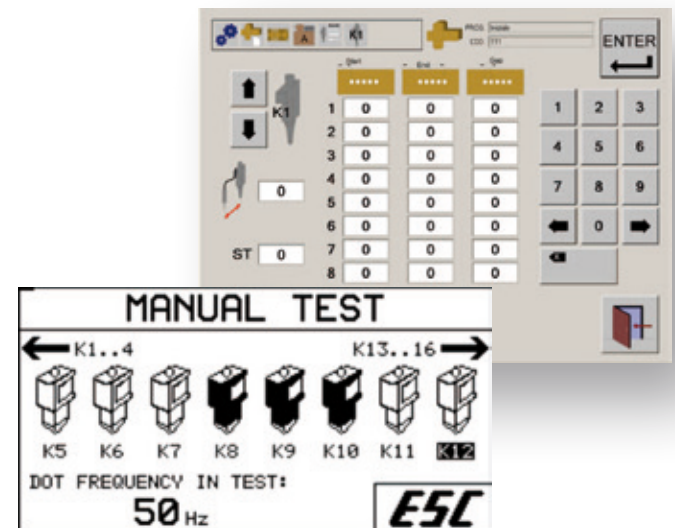
- 8 channels control panel as standard
- Very smart and easy to use
- Touch screen available
- Mother board expansion available
- Up to 8 glue patterns available for each channel/glue distributor
- Top technology at a reasonable price

All ERO ® control panels are friendly for the operators and they can drive pneumatic (contact), electromagnetic (NON contact) glue distributors. They can drive combined systems, cold and hotmelt glue distributors, installed on the same machine as well.

The standard touch screen and control panel pages are provided by a lot of drawings, pictures and icons to help and make easier the programming and job of the operator.

The I-Pad and mini I-Pad can be used instead of the standard control panel. The manual test of gun cleaning can be carried out from the iPhone.

The following examples show a couple of pages displayed on the touch screen and control panel:



iPad
mini iPad
iPhone



GTE-13/S & GTE-13/M

Glue Distributors

All the ERO® systems are equipped with electromagnetic NON contact glue distributors type GTE-13

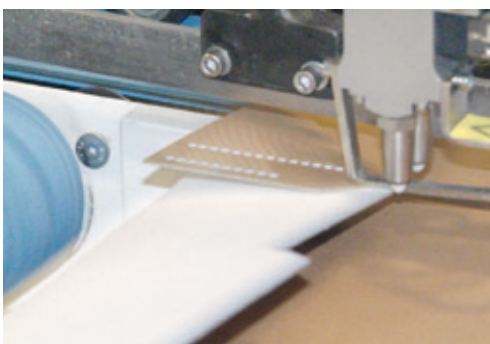
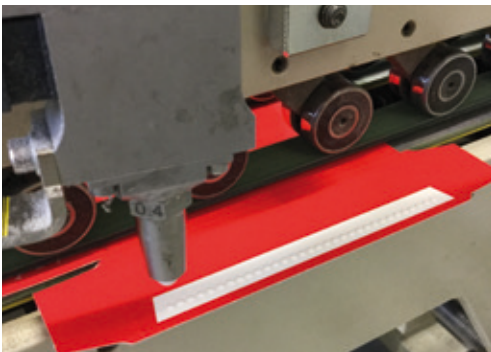
- Long lasting ceramic stem sphere and nozzle
- Cut down on glue quantities selecting the dot distribution mode
- High precision and maximum cleaning
- Slides for automatic cleaning nozzles
- 24 VDC and 6 VDC coil available
- Laser photo-eye directly installed on each glue dispenser as standard

All ERO® electromagnetic glue distributors type GTE-13 are provided by ceramic stem spheres and nozzles.

Ceramic prevents and inhibits the formation of dried glue on the nozzles. Slides for the automatic cleaning of the nozzle are available, if for more than 1 second no boxes run onto the machine the slide automatically closes and cleans the nozzle. Moreover, working in the dot-mode it is possible to save a considerable quantity of glue.



Gluing pattern in the dot distribution mode



Example of a “dot mode” gluing pattern using a pair of GTE-13 guns

Maximum speed: 1000 cycle/sec
Dimension without any support or accessories:
L = 52mm, H = 122mm, W = 20mm
Weight without any support or accessories:
GTE-13/S: 0,300 Kg
GTE-13/M: 0,320 Kg
Power: 5 W
Standard coil: 6VDC
Standard nozzle: 1 hole Ø 0.4 mm (available size: 0.6 and 0.8 mm) and 2 holes nozzle
Maximum glue pressure: 28 bar
Minimum cycle time: 0,6 m/sec
Glue viscosity range: Min. 500 mPas, Max. 1200 mPas



Modular GTE-13/M: 4 glue distributors installed on one block in the front and 3 on the back, connected by a moving rail to set distance between glue nozzles.



Modular GTE-13M: 3 glue distributors installed in 1 block. Adjustable distance between glue lines: from 0 to 20.

GTE-112H

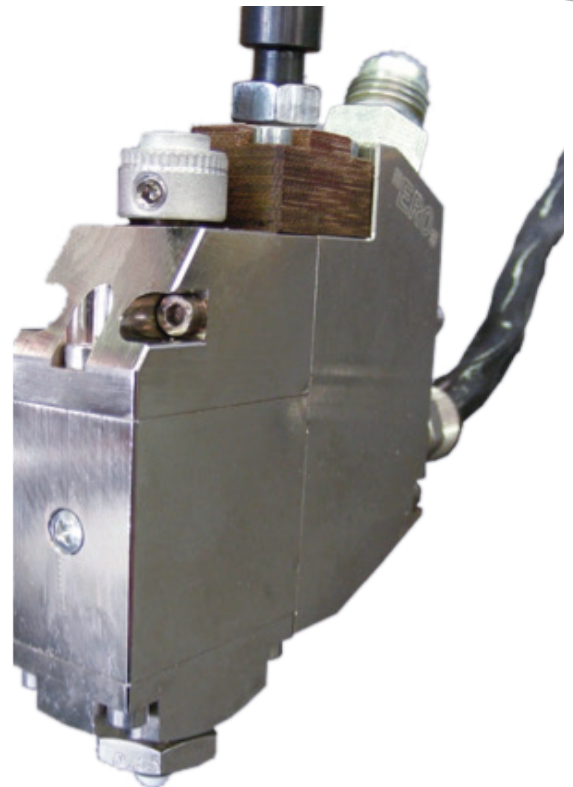
All the ERO® systems are equipped with electromagnetic NON contact glue distributors type GTE-13

- Maximum speed: 300 cycles per second
- High thermal conductivity material
- Cut down on glue quantity by selecting the dot mode
- Top technology at a reasonable price
- Ceramic sphere and nozzle

The electromagnetic GTE-112H hotmelt glue distributor has been studied for very fast application and it can work in the dot distribution mode, which allows to save a considerable quantity of glue. The hotmelt glue distributor can be driven by the ERO® standard control panel and it can be combined on an existing cold system.

Each hotmelt glue distributor is provided with a very smart adjustable bracket.

**Hotmelt
Electromagnetic
Glue Dispenser**



Maximum glue pressure: 60 bar

Dimension without any bracket and accessories:

L 75 mm, W 22 mm, H 97 mm

Power: 5 W coil

Resistance: 175 W

Probe: PT 100

**The gluing systems are tested at 20° air temperature with a 900 mPas glue viscosity
SUGGESTED GLUE VISCOSITY RANGE: from 500 to 1000 mPas GLUE VISCOSITY**

The ERO® gluing systems glue inspections and their spare parts are always ready in our stock. We offer a worldwide assistance & service and we deliver spare parts all around the world within 24 hours.



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