

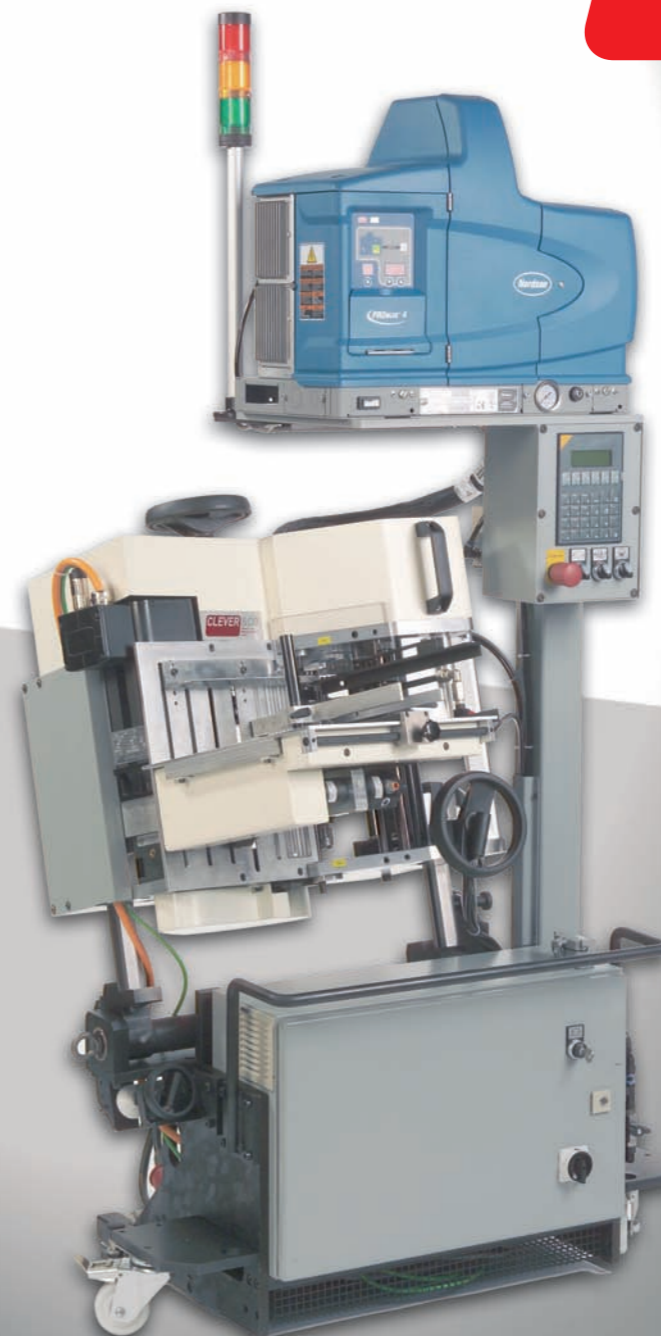
**Gluer for cards and samples
Type KS for saddle stitchers**

Space requirement	The width of a saddle stitcher box							
Drive	- mechanical coupling by a roller chain from the saddle stitcher or - by an own booster servo-drive, adjusted and manoeuvred electronically							
Transport chain pitch	e.g.	13.75"	14"	15"	18"	21"	22.5"	24"
Insert formats (in mm)	min. 60 x 40	•	•	•	•	•	•	•
	max. 180 x 230	•						
	max. 200 x 230		•					
	max. 230 x 230			•				
	max. 270 x 230				•			
	max. 300 x 230					•		
	max. 330 x 230						•	•
Working area	The inserts can be placed on the complete area of the fixing side							
Insert styles	Postcards, CDs, booklets, test samples, etc.							
Auxiliary energy	a) compressed air 4-6 bar							
	b) vacuum 60%							
	c) electro 230/240V, 50/60Hz or 400/415V, 50/60Hz (according to gluing device)							
	further voltages are possible							
Glue control	Dialogue microprocessor control							
Adhesive	Hot glue (various brands)							
Adhesive application	Hot glue device using pneumatically controlled application heads							
Mechanical output	Up to 20,000 samples an hour (according to insert)							
Weight	approx. 350 kg (according to design)							

Subject to technical alterations | as of July 2006

Card gluer Sample gluer

KS Type - for the use with saddle stitchers



- up to 20,000 samples an hour
- multi-functional for a wide range of use
- for sticking cards, CDs, booklets, test samples, etc. into magazines
- accurate to a millimetre
- short set up times
- models exist for almost all saddle stitchers currently in use



Clever & Co. Phone: +49/ (0)201/ 83 574 - 0
Elektro- und Maschinenfabrik GmbH Fax: +49/ (0)201/ 83 574 - 44
 Laubenhof 14-18 E-Mail: info@clever-co.de
 45326 Essen/ Germany www.clever-co.de

Our card gluers: reliable • economical • precise to the nearest millimetre



Clever & Co. has been developing and manufacturing card and sample gluers for use with almost all common print finishing machines for over 40 years. Clever & Co. gluers are known for their quality and durability. For both small and large scale print series, they have proved their worth all over the world.

KS card gluers are mobile appliances which have been specifically designed to function in line with the transport chain of a saddle stitcher. Any hopper box of the saddle stitcher can be substituted by the card gluer at any given location. Short set up times enable cost effective production even with small editions.

A great variety of formats and insert styles can be processed using the Clever&Co. card gluer. The inserts that are to be glued can be placed on the complete area of the fixing side. An adjustable counter pressure plate with a pressure roller enables positioning of the glue line even underneath the transport chain of the saddle stitcher. Exchangeable segments allow small inserts to be stuck on directly in front of the pusher fingers of the saddle chain.



Hot glue device and dialogue control

Advantages at a glance

- short set up times
- high processing speed
- high precision gluing
- reliable technology
- robustly built
- a renowned system that has proved its worth over decades

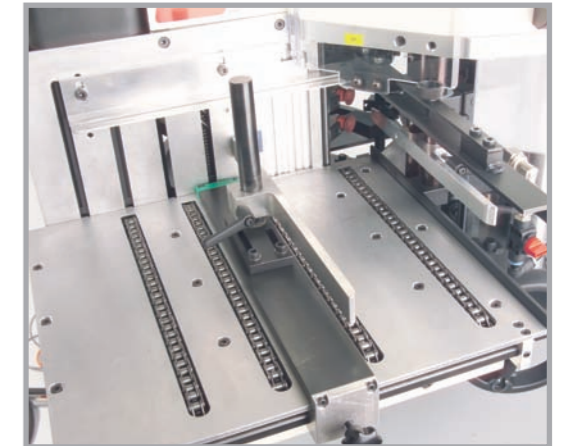
Because the card gluer is provided with an adjustable separating disc as standard, the processing of multi-sided products (booklets, books, etc.) poses no problem.

The card gluer can be equipped with all leading brands of hot gluing devices and works using a one glue application head as standard. The glue is controlled using a dialogue microprocessor control which allows a precise setting of the glue position and length accurate to the nearest millimetre. In addition, the gluing pressure is automatically matched to the working speed, therefore guaranteeing an even application of the glue. The signature, the insert and the remaining pile in the magazine are permanently monitored by light barriers.

Working pattern

The inserts that are to be glued are placed into the magazine and held in place by adjustable side paddles. If necessary, the inserts are separated using air jets and other separating aids for an easier distribution. The inserts are sucked down each according to size by one or more suction pads, transported by revolving grippers, glued and pressed onto the signatures by segment discs. Gluing position and gluing length is regulated by the control unit.

The position of the glue and the length of glue as well as all other settings can be changed during running production.



Magazine with chain feed

One machine – many possibilities

Our card gluers offer a wide range of possibilities for use and therefore they have the highest degree of flexibility. We stick:

- Postcards
- Envelopes
- CDs
- Gimmicks in blister packs
- Post-it®
- Booklets
- Books
- Test samples



Our card and sample gluers are compatible with almost all standard saddle stitchers.

We can of course adapt our machines to meet your specific production requirements or special formats and inserts.

