

## Card-tipper type KI

For reliable glueing of inserts on gathering machines



Clever & Co. has been manufacturing card-tippers for the national and international market for over two decades and offers an extensive range of card-tippers for all commercially available further-processing machines.

The KI card-tipper presented here is a machine specially designed for use with gathering machines for adhesive binders. It is mounted in place of a hopper and can be operated in any hopper position using a separate track. The card-tipper drive is provided by the gathering machine by means of a toothed belt or by servo motor.

The inserts can be placed on the entire booklet side. Glueing is also possible directly in front of the pushers of the conveyor chain by means of interchangeable segment extensions. All formats between 60 x 40 mm and 300 x 230 mm can be processed. Since the card-tipper has a separator disc and a holding-back device as standard equipment, processing of inserts and sample bags consisting of several sheets is no problem.

Two of the three card-tipper segments can be adjusted independently of each other. The same applies to the max. three suction devices. The height and the setting angle can also be adjusted to the requirements of the gathering machine. Reliable glueing is carried out using hot-melt units and a microprocessor control which enables precise adjustment of the length and start position of the glue strip down to the nearest millimetre.

The quantity of glue is also automatically adjusted to different operating speeds. The intermediate product and the drawn insert as well as the remaining stack height in the magazine are monitored via electric eyes.

We will be glad to remain at your disposal at any time if you require any detailed advice.

# Card-tipper Type KI

## Technical Data

Design:	compact unit for mounting on gathering machines for adhesive binders	
Space requirements:	width of a hopper box	
Conveyor-chain pitches:	16" (406,4 mm), 18" (457,2 mm), 19" (482,6 mm), 21" (533,4 mm), 24" (609,6 mm)	
Drive:	by means of a toothed belt from the gathering machine or servo motor	
Auxiliary power:	a) compressed air 4-6 bar b) vacuum 60% c) electrical power 220/240V 50 Hz or 380/415V 50 Hz (depending on the glueing unit)	
Glue:	hot-melt glue (various brands)	
Glue application:	hot-melt unit with pneumatically controlled application heads	
Glue control system:	microprocessor control	
Operating range:	entire booklet surface	
Magazine stacking height:	approx. 200 mm	
Types of inserts:	post cards, cd's, booklets, samples, and so on	
Formats:	Type KI 216	min. 60 x 40 mm / max. 230 x 230 mm
	Type KI 218	min. 60 x 40 mm / max. 260 x 230 mm
	Type KI 219	min. 60 x 40 mm / max. 270 x 230 mm
	Type KI 221	min. 60 x 40 mm / max. 300 x 230 mm
	Type KI 224	min. 60 x 40 mm / max. 300 x 230 mm
Mechanical capacity:	up to 18.000 Ex./h	(depending on the product)
Weight:	approx. 300 kg	