

Card-tipper type KS

For reliable glueing of inserts on gather-stitchers



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 KS card-tipper presented here is a machine specially designed for use with gather-stitchers. It is mounted on a travel rail in front of the gather-stitcher and can be operated in any hopper position. The card-tipper drive is provided by the gather-stitcher by means of a roller chain or by a servo motor. The inserts can be placed on the entire booklet side. An adjustable counterpressure support with a pressure roller permits glueing even below the gathering chain.

Glueing is also possible directly in front of the pushers of the gathering 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 gather-stitcher. 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 substrate 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.

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Technical Data

Design:	upright unit on rollers for connection to the gather-stitcher	
Space requirements:	width of a hopper box	
Conveyor-chain pitches:	13" (330,2 mm), 14" (355,6 mm), 15" (381 mm), 18" (457,2 mm), 19" (482,6 mm), 21" (533,4 mm), 22,5" (571,5 mm), 24" (609,6 mm), or variable chain pitches in the case of card-tippers with interval gear units	
Drive:	by means of a roller chain from the gather-stitcher or servo motor	
Auxiliary power:	<ul style="list-style-type: none"> 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:	Typ KS 121	min. 60 x 40 mm / max. 290 x 230 mm
	Typ KS 213	min. 60 x 40 mm / max. 180 x 230 mm
	Typ KS 214	min. 60 x 40 mm / max. 200 x 230 mm
	Typ KS 215	min. 60 x 40 mm / max. 230 x 230 mm
	Typ KS 218	min. 60 x 40 mm / max. 270 x 230 mm
	Typ KS 221	min. 60 x 40 mm / max. 300 x 230 mm
	Typ KS 2225	min. 60 x 40 mm / max. 330 x 230 mm
Mechanical capacity:	up to 18.000 Ex./h	(depending on the product)
Weight:	approx. 350 kg	