

# green GLUING

FKV

Hot melt coating heads  
Precise | reliable | flexible

## UNIFORM COATING APPLICATION EVEN WITH VARIABLE SPEEDS

The FKV coating head applies thermoplastic and PUR hot melt adhesives to materials such as paper, textiles, fabrics, foils, fleece and foams by contact application. Adhesive can be applied up to an application width of 3,200 mm.

### Precision across the entire width

The FKV coating head enables continuous coating application with a precise application weight and exact edge definition. Due to the quantity control in the adhesive melter, the application weight remains constant even at dynamic production speeds. Temperature control with optimal heat distribution in the application head also contributes to the quality of the adhesive application. With the optional mounting bracket, the coating head is precisely aligned to the substrate.

### Long service life – reliable operation

The FKV is made of wear-resistant steel. The design of the application nozzle allows optimum adhesive distribution without blind spots with residual quantities and deposits. The adhesive can flow optimally, while the integrated adhesive filter retains impurities.

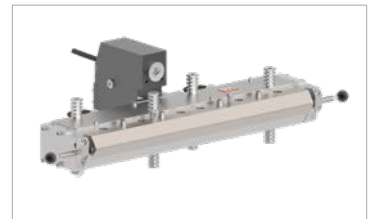
### Modular coating heads up to 3,200 mm application width

The FKV coating head has a modular design and is available in various sizes. There are two types:

- Type with continuously adjustable application width (manual or motorized) for quick format changes
- Type with fixed application width: the application width is defined by a mask in the nozzle. Masks can also be used to apply different application patterns, such as adhesive-saving strips.

### Your benefits

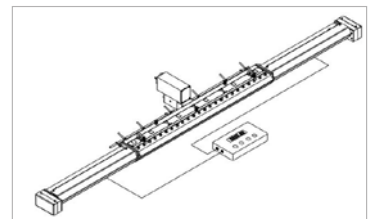
- Precise application weight even at variable speeds
- Exact edge definition avoids costly offcuts
- Reliable operation thanks to robust components and optimal adhesive flow
- Quick and continuous application width up to 3,200 mm depending on size
- Masks enable product-specific glue pattern
- Modular design allows customer-specific versions



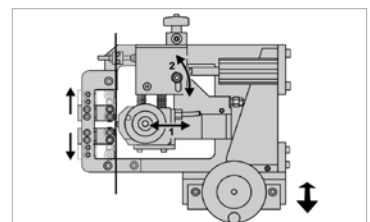
FKVX with fixed width



FKV with manual adjustment



FKV with motorized adjustment



Robatech mounting bracket: Exact alignment in x- and y-direction and tilt angle.

### TECHNICAL DATA

Temperature range	20 to 200° C	
Adhesive pressure	Max. 50 bar	
Adhesive	Thermoplastic and PUR hot melt adhesives	
Adhesive viscosity	200 to 100,000 mPas	
Production speed	1 to 500 m/min	
Application width	FKV 200: 10 to 200 mm	FKV 1700: 600 to 1,700 mm
	FKV 350: 20 to 350 mm	FKV 2000: 800 to 2,000 mm
	FKV 520: 20 to 520 mm	FKV 2300: 1100 to 2,300 mm
	FKV 820: 20 to 820 mm	FKV 2600: 1400 to 2,600 mm
	FKV 1100: 100 to 1,100 mm	FKV 3200: 1500 to 3,200 mm
	FKV 1400: 200 to 1,400 mm	
Application weight	1 to 1,000 g/m2*	
Supply voltage	230 VAC (EN60204), 50/60 Hz	
Mounting	Complete mounting bracket and coating stand available	
Sound pressure level	65 to 70 dB(A)	

\* depending on application width, production speed, pressure, adhesive, adhesive viscosity