



# green GLUING

## VIVO 18

Hot Melt Coating Head  
Space-saving | Precise | Flexible

# HIGH-QUALITY HOT MELT COATING APPLICATION IN E-COMMERCE

The Vivo 18 coating head is the application head for e-commerce. It can be used to produce silicone release liners cost-efficiently and apply tear strips quickly to shipping packaging.

## Space-saving and flexible

At 32 mm wide, Vivo 18 is the narrowest coating head on the market. Two heads can be mounted next to each other to save space. This enables the combination of one silicone release liner and one tear strip or two silicone release liners at a close distance. In addition, the tapered nozzle ensures that adhesive can also be applied close to folded cardboard or the existing tear strip.

## Uniform and precise adhesive application

The Vivo 18 delivers a uniform adhesive application from start to finish - with precise edge definition, and clean cut-off. The optimized adhesive distribution in the nozzle contributes to this. The negative-closing jetting element and the ability to finely adjust the nozzle alignment to the substrate ensure a clean cut-off.

## Modular mounting bracket for precise alignment

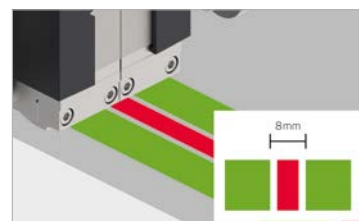
The Vivo 18 supports different application widths between 2 and 18 mm. The modular mounting bracket with fine adjustment ensures that the head is always adjusted correctly to the substrate. Format changes in the application width are easily carried out via exchangeable masks in the nozzle.

## Your advantages

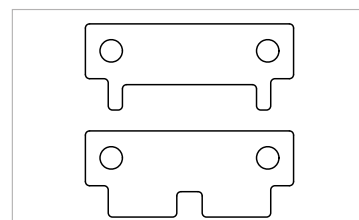
- Space-saving installation dimensions allow two heads to be mounted side by side
- Uniform and precise adhesive application from start to finish
- Cost-effective: apply different application widths using masks
- Short changeover times thanks to easy positioning and mask technology
- CoolTouch protection protects operators from burns



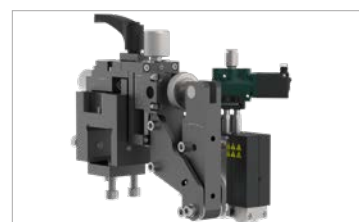
Space-saving: two heads side by side



Minimum distance between adhesive strips



Masks limit the application width



Robatech mounting bracket: Exact alignment in x- and y-direction and inclination. Can be mounted on the left or right

## TECHNICAL DATA

Temperature range	20 to 200 °C
Adhesive pressure	Max. 100 bar
Adhesive	Thermoplastic hot-melt adhesives
Adhesive viscosity	100 to 10,000 mPas
Switching frequency	180 Hz <sup>(1)</sup>
Application width	2 to 18 mm
Application weight	20 to 500 g/m <sup>2</sup>
Minimum coating time	2.8 ms <sup>(2)</sup>
Minimum gap	2.8 ms <sup>(2)</sup>
Supply voltage, heating element	200-240 VAC, 50/60 Hz
Supply voltage, solenoid valve	24 VDC, 8.0 W
Air connection, solenoid valve	6 bar, unooled, cleaned acc. to ISO 8573-1 Class 4
Attachment	2x M6 left and right, suitable for Robatech mounting bracket
Sound pressure level	Approx. 65 to 70 dB(A)
Degree of protection	IP65

<sup>(1)</sup> Depending on adhesive, viscosity, temperature, frequency, pressure, air quality, and stroke. Continuous load maximum 125 Hz.

<sup>(2)</sup> Depending on adhesive, viscosity, temperature, frequency, pressure, air quality, and stroke.