

VIVO 18: NEW COATING HEAD FOR E-COMMERCE

Narrow, fast, and high-precision. This is Vivo 18. Robatech presented the new coating head for the first time at the virtual E-Commerce Solutions Showcase from March 15-17, 2022. The Vivo 18 allows tear strips to be applied to cardboard packaging for the first time by direct adhesive application. The same application head can be used to produce silicone release liners cost-efficiently.

High-quality hot melt coatings form the basis for practical tear strips and secure silicone release liners on shipping packaging made of cardboard or paper as well as film. The new Vivo 18 coating head offers the properties needed for this: It is narrow, fast, and delivers a very precise adhesive application.

Uniform Adhesive Application from Start to End

Precise means in plain language: A uniform adhesive application from start to finish - with precise edge definition, and clean cut-off. The new coating head achieves uniform adhesive application through optimized distribution of the adhesive in the nozzle. The negative-closing jetting element and the ability to finely adjust the nozzle alignment to the substrate ensure a clean cut-off.

Increasing the Production Speed

Packaging manufacturers can apply unglued tear strips directly to cardboard using the Vivo 18 coating head. This is because adhesive application from a width of 2 mm is uniform and precise even at speeds of up to 200 m/min, thus guaranteeing good adhesion. For silicone release liners, the production speed can even be increased to 250 m/min. Format changes in the application width are easily carried out via exchangeable masks in the nozzle.

Space-saving Installation

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

ROBATECH

Robatech optimizes the industrial hot melt and cold glue application with sustainable and innovative adhesive application systems. Since 1975, Robatech has been developing and producing high-quality control systems, application heads, melters, and dosing systems that make gluing processes more environmentally friendly, safe, and straightforward. The Robatech Group, headquartered in Muri/AG, Switzerland, is represented in more than 80 countries. More than 670 dedicated employees worldwide provide personal and fast customer support in a wide range of industries.

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PRESS CONTACT

Kevin Ahlers, Head of Marketing
marketing-pl@robatech.ch

Alternatively, contact your local Robatech press contact.