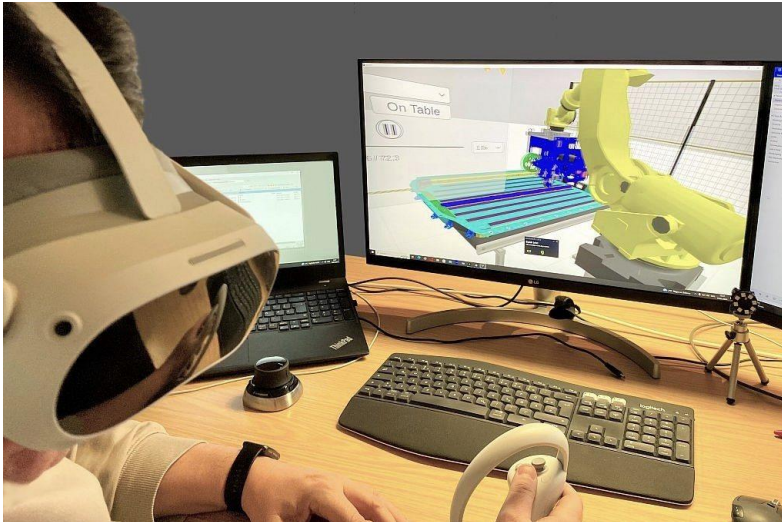


"TapeTalk" - The GLAUB newsletter for automation of adhesive tape applications



"Virtual Reality"

Technical feasibility
simulate in production

Innovations from
GLAUB

[LINK TO PAGE](#)

Dear Readers.

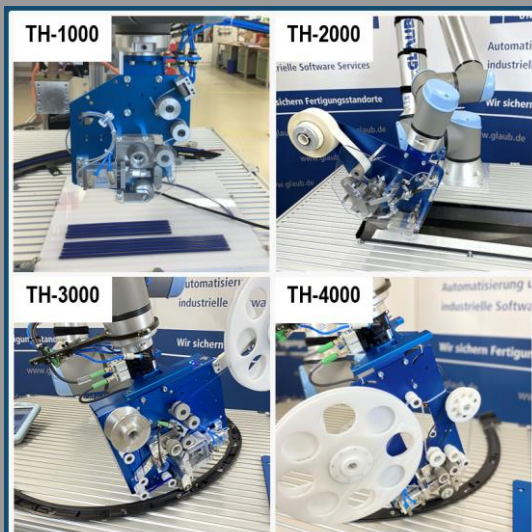
A warm welcome to an new issue of "**TapeTalk**", the newsletter on automated application of adhesive tapes and viscous media.

In this newsletter, you will learn how virtual reality simulation can be used to plan and retrofit production systems without risk. Using a specific example, we explain our approach to customer-specific adaptations compared to our standard TapeHeads.

We look forward to sharing the application newsletter with you.

Your GLAUB Team

Standard vs Customer Specifics



Our standard application heads are suitable for a wide variety of gluing applications. However, customer-specific requirements also necessitate minor or major adjustments to our defined standard heads. Small changes can be, for example, adapting the roll width to the adhesive tape to be applied. Major changes may also require a complete adaptation of the application head.

In the interests of our customers, we naturally always focus on maintaining a balance between standardization and individuality and weighing up the costs and benefits

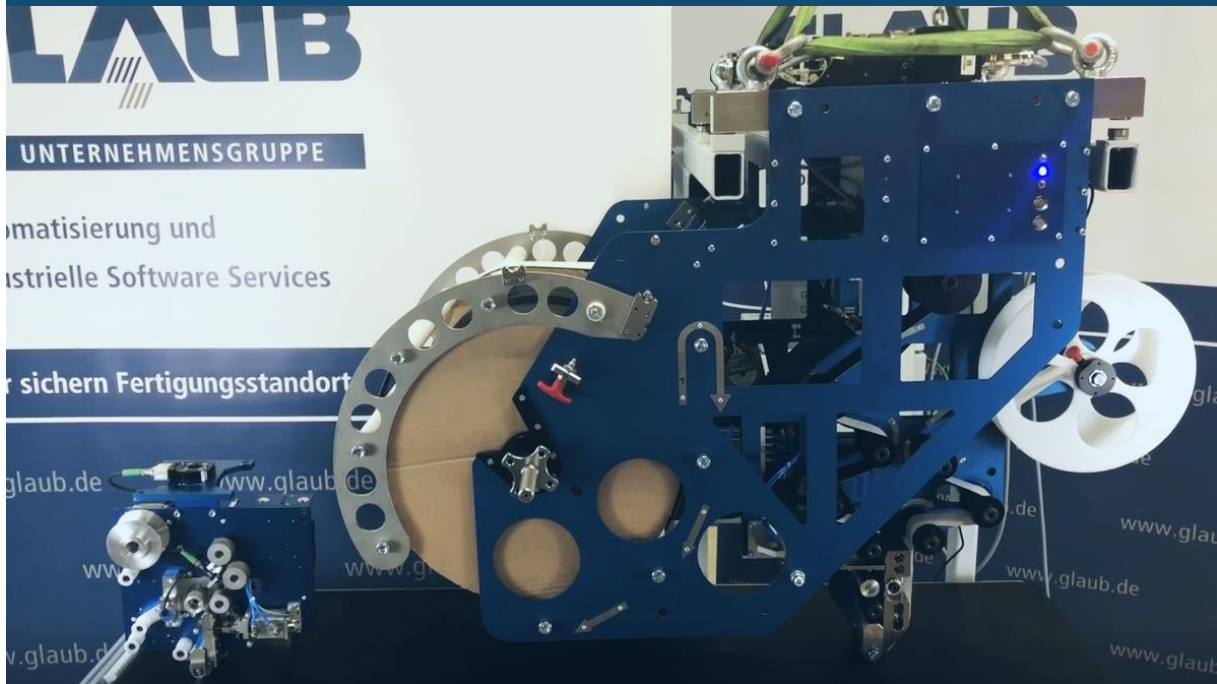
The Standard TapeHead series at a glance

Standard Series	Dimensions LxHxD (mm)	System weight	Standard width Tape
TH-1000	200x200x130	2,85 kg	6-25 mm
TH-2000	340x231x120	4,30 kg	til 50 mm
TH-3000	280x280x153	7,30 kg	6-25 mm
TH-4000	320x320x140	7,30 kg	6-50 mm

Special Projects with Format

When small TapeHeads "grow up"

Our TH-4000 was the inspiration for this exciting project and the dimensions compared to the standard version are impressive.

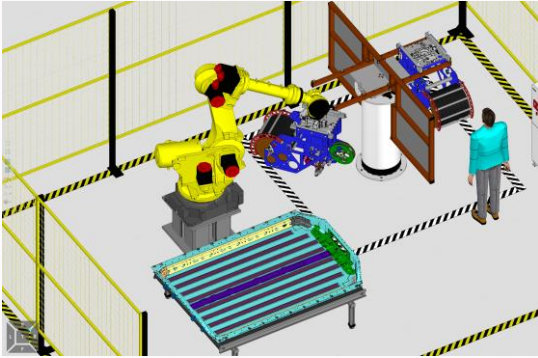


	Standard version	Customized version
Dimensions	300x310x80 mm	900x980x450 mm
System weights	8 kg	85 kg
Tape width	6-50 mm	

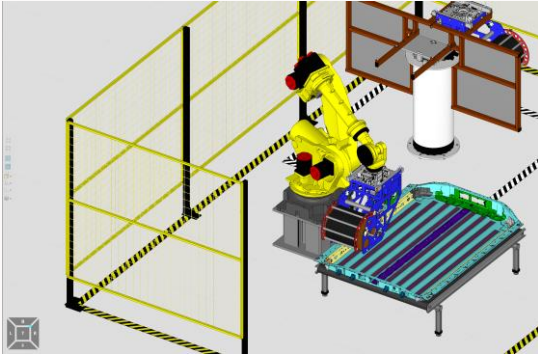
All Glaub trades were involved in this exciting project (mechanical and electrical design, mechanical & electrical production, software programming).

If you would like to know more about automatic application, follow us on **YouTube**. In our playlist "**Application with Cobots**" we regularly present solutions on this topic. **What can we do for you?**

Simulation - Immerse Yourself in Virtual Worlds



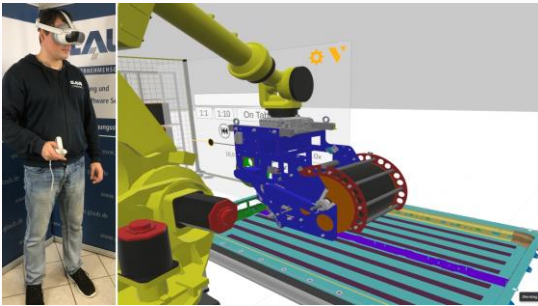
Each of our customer projects in the field of automatic application begins with a feasibility study (MBU). This is based on near-series prototypes as well as customized test setups.



In these preliminary tests, for example

- the processability of the desired adhesive tape
- the cycle time
- and the accessibility of the materials to be bonded

are tested.



Our Expertise

In addition, and where desired or necessary, the customer can use VR glasses to immerse themselves virtually in their future production system, move "freely in space", look behind the scenes of their system and see where conceptual adjustments and modifications to the complete application head and/or the system are necessary.

After the Simulation - Transfer to Reality



If the simulation and/or feasibility study is successful and approved by the customer, production takes place in-house. From batch size 1 to series production.

Always 100% Made by GLAUB in GERMANY

Our Competencies

In addition to the mechanical design, which forms the basis for all application simulations at Glaub, the mechanical and electrical assembly is also carried out by our employees. They are familiar with all the intricacies and details of the TapeHead product series thanks to their many years of experience with the various application heads.

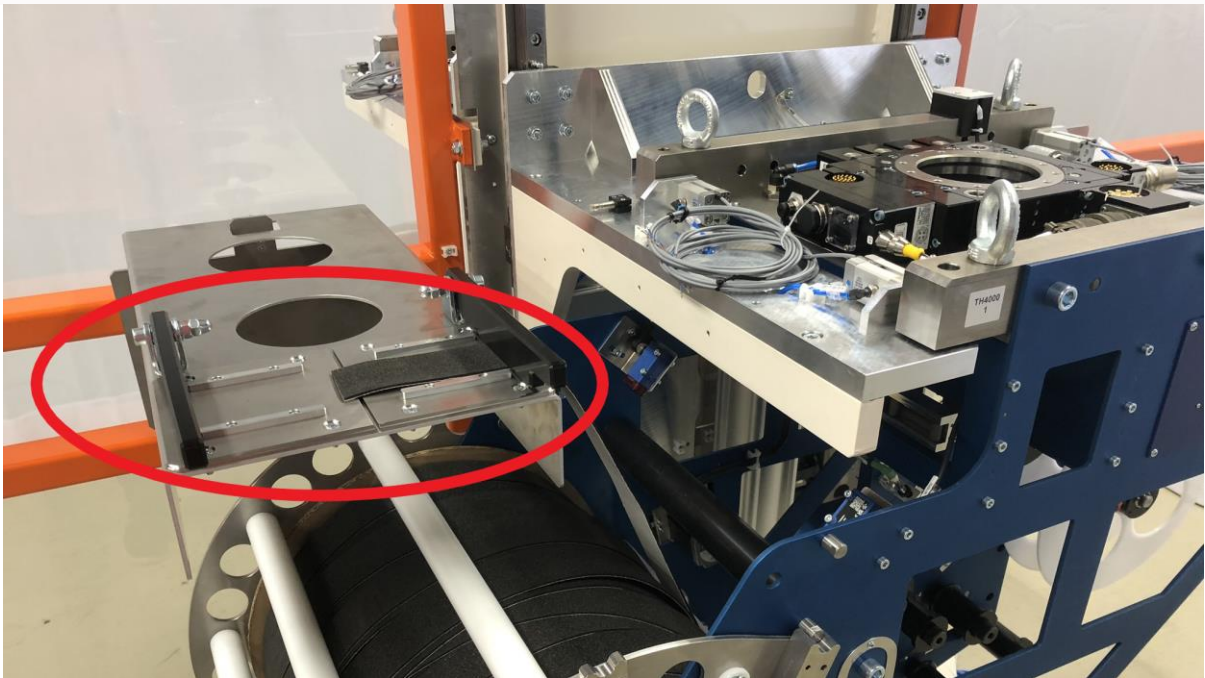
Before Delivery - Extensive Functional Tests



Before the new applicator head is delivered, a comprehensive, documented test run takes place. This ensures that all functions and applications work properly and that the product runs stably and efficiently under various conditions and requirement categories.

[MORE INFORMATION](#)

Options - TapeHeads Attachments



Product Presentation - Splicing Device | Made for what?

As soon as the tape on a reel is used up, the reel needs to be replaced. To make this as quick and easy as possible for the customer, the remaining tape in the TapeHead is cut off the old reel and the reel is replaced. The remaining tape from the old reel is then connected (spliced) to the start of the tape on the new reel and the new tape is pulled into the TapeHead on the old one.

As soon as the new tape has "taken all the bends", the rest of the old tape is cut off again. This saves the customer the somewhat laborious task of threading the new tape around all the guide rollers.

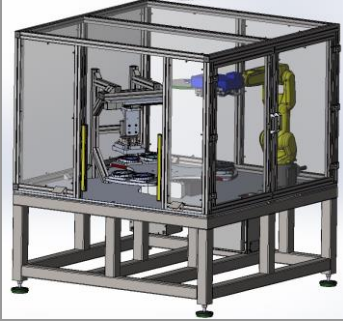
When joining - splicing - the two tapes, the worker often needs a "third hand". This replaces the splicing device with its clamping function and positioning for the exact cutting of the two tape ends before splicing.

What Challenge are you Facing?

Do you have questions about our application standards or do you need a customized application head for your automation solution?

Feel free to contact us! Contact us NOW  sales@glaub.de

RCE - New Service Partner and Integrator in Romania



First system with TapeHead put into operation independently

With our new service partner and integrator for Romania - RCE - we are pleased to be able to bundle our expertise even better and provide our customers with a comprehensive range of the latest bonding technologies, developments and services.

"Turnkey" projects are the core competencies of RCE, from 3D design to assembly and integration.



SNEAK PREVIEW NEXT APPLICATION-NEWSLETTER

Product Innovations (field bus, winding unit, interchangeable station)

In the next Application-Newsletter, we will present useful product innovations and enhancements to our TapeHeads. Until then, stay curious 🤔

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Glaub Automation & Engineering GmbH

Peiner Straße 225

38229 Salzgitter - Germany

Tel: +49 5341 86390

Mail: automation@glaub.de

Imprint • [Privacy Policy](#)

Management board:

Andrea Glaub, Claudia Glaub, Niko Glaub

VAT tax No. DE 116 880 751

Commercial registration No. in

Braunschweig: HRB6143