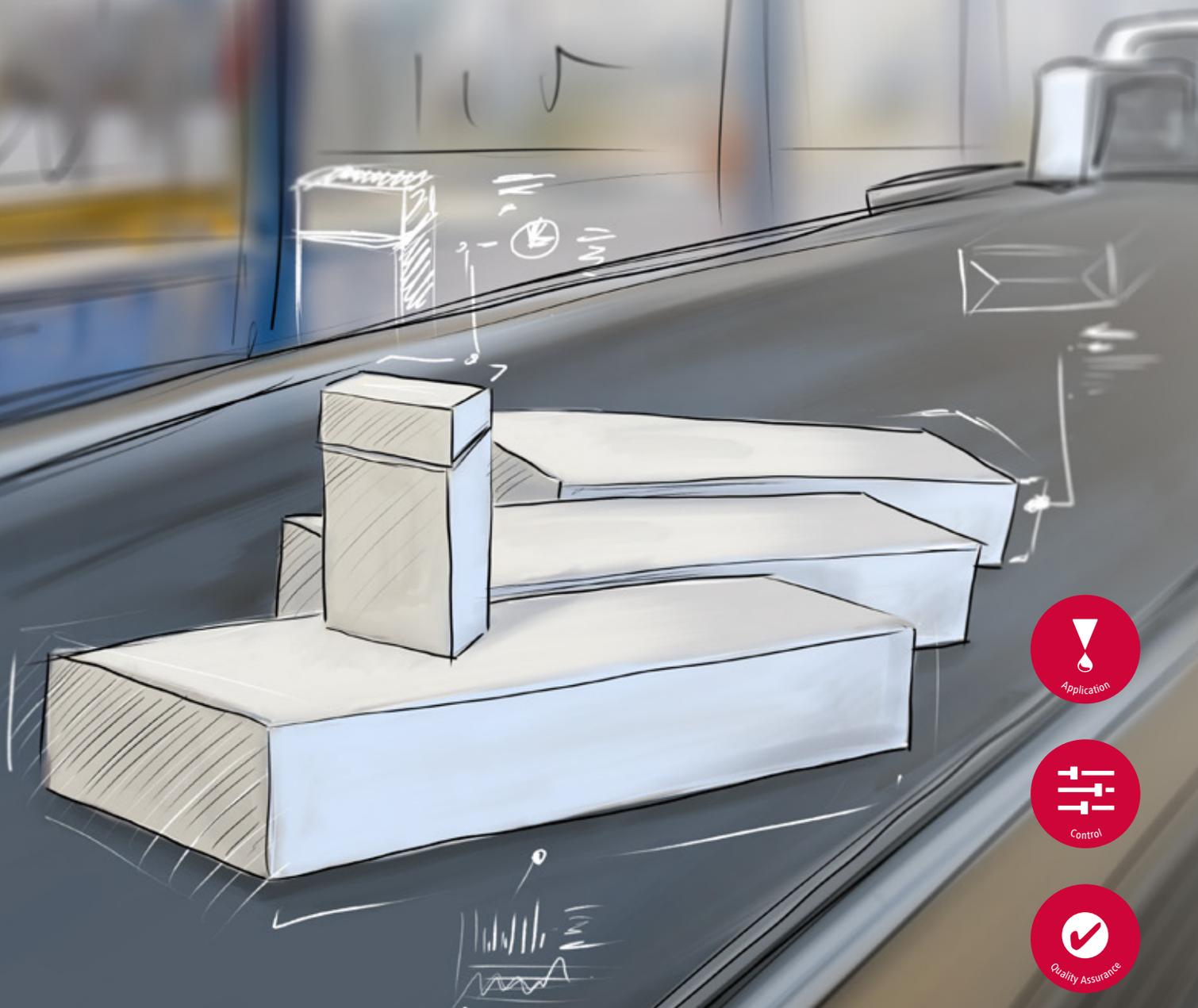


# Meeting the highest industrial demands

**hhs**  
Baumer Group

## Comprehensive solutions for the tobacco processing industry



Let's stick together

[baumerhhs.com](http://baumerhhs.com)

# Experience can't be learned; it can only be acquired

Baumer hhs can look back on over 35 years of experience in folding carton gluing and over 25 years in packaging machines for the tobacco industry. But we also have our sights set on the future: Time and again, Baumer hhs delivers innovative solutions in order to react to constant market changes and requirements with new products. The result is 100% monitoring of your production process!

## We pledge to deliver reliability and performance:

We help customers all over the world to produce billions of cigarettes and the associated packaging every day and every single one is made with maximum precision. With over 35 years of experience in the industry, we deliver perfect solutions to promote the success of our customers.

What you can expect from us as a partner:

- Maximum reliability and performance
- Quick return on investment
- Complete solutions for the tobacco industry
- Future-ready, cost-efficient
- System solutions from a single supplier

# Meeting high demands is a challenge we embrace

The demands of the tobacco processing industry on availability, productivity and quality are unsurpassed, the products sensitive and moreover subject to special tax regulations.

We are 25 years in the industry and well aware of these challenges and, to help master them, we supply leading machine manufacturers and international end customers with sophisticated systems, including adhesive application and quality assurance components for manufacturing cigarettes, hinged-lid and soft packs, as well as new generation products (NGP). Precision glue dot application, a long service life and low maintenance costs make Baumer hhs an absolutely reliable partner to the industry for cigarettes, boxes and transport packaging.

## Prepared for things to come

New products lead to new applications, and they require solutions that we already supply today. Be it new consumer demands or legislative requirements: we make sure your company is prepared, no matter what the future holds.



# Baumer hhs system modules

Glue application and monitoring at a glance:



## GDX 1000 and HLT-300 - 100% adhesive monitoring

- GDX 1000 for reliably monitoring cold glue
- HLT-300 for reliably monitoring hot melt
- 100% adhesive monitoring
- Integrated light barrier function



## tesla pro - The electromagnetic hot melt application head for dot application

- High closing force for precision application
- Reduces contamination of the machine
- Short and long nozzles
- Long service life: up to 1 billion operating cycles; switching frequency of up to 600 Hz for dot application



## D-500 - Precision cold glue application

- High closing force for precision application
- Reduces contamination of the machine
- Ceramic nozzle tip as standard
- Long service life

## DPP and D-500 - Cold glue application for maximum production speeds

- Double-piston pump for a precise and continuous supply of cold glue
- Interactive communication with the controller
- Slotted nozzles to meet every need
- Ceramic nozzles with a long service life

## DPP and Tipping head for complex glue patterns

- Double-piston pump for a precise and continuous supply of cold glue
- Interactive communication with the controller
- Slotted nozzles to meet every need
- Minimises glue waste compared to conventional systems
- Precise and flexible to use

## Special types and applications

- Custom application heads engineered for specific applications
- S-600 – the world's smallest cold glue application head, extremely fast up to 1000Hz
- Adapted coating heads

## Xmelt-T - Dedicated portfolio for the industry of tobacco packaging

- Hot melt unit with piston pump or gear pump
- Transformer with different voltage included if requested
- Modular, extensible electronics
- Field bus communication
- Automatic adhesive feeding



D-500



S-600



Tipping Head



DPP-4



tesla pro



Xmelt

# Cigarette production

For more than 25 years, Baumer hhs has defined the standard in cigarette production. We have a full range of solutions available for making cigarettes, filters, and tubes, as well as tipping and speciality products. The associated application heads, sensors, controllers and glue feed systems are perfectly designed for industrial production.



## Glue control

- GDX 1000 and HLT-300 for monitoring adhesive application



## Side seam gluing

- DPP and D-500 - Cold glue application for maximum production speeds
- Xmelt - Hot melt application for maximum productivity



## Maker, combiner, tubes

- DPP and PF-500 for complex glue patterns



## Tipping

- DPP and Tipping head for complex glue patterns

# Box and transport packaging

For transport and sale, individual cigarette packs are packed in larger units. This end-of-line packaging process is one of Baumer hhs's core competencies. Our diverse solutions for cold glue and hot melt application enable you to deliver products safely to end customers, without any damage whatsoever.



## Gluing the glue flaps

- D-500 - Precision cold glue application



- tesla pro - The electromagnetic hot melt application head for dot application

## Monitoring adhesive application

- GDX 1000 and HLT-300 for monitoring adhesive application



## Gluing the film packaging

- tesla pro - The electromagnetic hot melt application head for dot application

# Cigarette packaging

Whether it's the gluing and monitoring of adhesive tabs, closure caps and aluminum foil, or individualization to new packaging shapes – Baumer hhs is your reliable partner for all topics related to cigarette packaging. We give our quality guarantee by monitoring your production one hundred percent.

## New types of packaging

Special types and applications



### Monitoring adhesive application

- GDX 1000 and HLT-300 for monitoring adhesive application



### Gluing the lid

- tesla pro - The electromagnetic hot melt application head for dot application



### Gluing the aluminium foil

- D-500 - Precision cold glue application



### Gluing the glue flaps

- D-500 - Precision cold glue application



- tesla pro - The electromagnetic hot melt application head for dot application

### Monitoring adhesive application

- GDX 1000 and HLT-300 for monitoring adhesive application



## Stamper solution

The most common applications involve the stamper and the inserter for coupons, both of which require precision application of very small dots of glue. Baumer hhs is the world's leading supplier of equipment for gluing tax stamps and inserts.



### Gluing the tax stamps

- tesla pro - The electromagnetic hot melt application head for dot application



- D-500 - Precision cold glue application



### Gluing the coupons

- tesla pro - The electromagnetic hot melt application head for dot application



## **Sustainable, innovative and reliable**

When you choose Baumer hhs, you are choosing system solutions from a single supplier that unite high process reliability with maximum sustainability.

- Lowest risk decision in the industry



## **Resource-efficient for greater sustainability**

- Fast setup for perfect production startup
- Reduced downtimes thanks to consistently high application quality
- Perfect delivery quality thanks to 100% quality control
- Minimised cleaning cycles
- Less waste and high energy efficiency
- Long service life minimises the need for spare parts



## **Developed for greater reliability in production**

- The gluing units have a long service life under any and all conditions, 100% quality control
- Consistently high glue application quality
- Networking and analysis of production data

# Baumer hhs – Your competent partner

Baumer hhs, based in Krefeld, Germany, is your worldwide partner for reliable and innovative glue application and quality assurance systems.

For us, quality and precision are basic principles of engineering and manufacturing, and professional services are an integral part of our products. We maintain a constructive and collaborative dialogue with our customers and suppliers, which forms the basis for solutions that optimally meet their individual needs.

Our trained sales staff and technicians support you with any issues you encounter in production. The Baumer hhs solution centre in Krefeld offers you assistance with new applications and in selecting the right adhesives.

We want our customers to be thrilled – with our premium products and our impeccable all-round service. But it's best to see our products for yourself! Just call or send us an e-mail. We'd be happy to help you with your next project!



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