

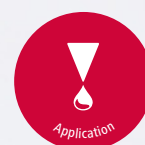
PXH 1000

hhs
Baumer Group

Electric and precise.
As powerful as pneumatic.



Xmelt



Let's stick together

baumerhhs.com

Greater power, greater freedom – The PXH 1000 takes electric adhesive application to a new level.

Baumer hhs's new PXH 1000 is an electric hot melt applicator that raises the bar in industrial gluing: high switching frequency, precision cut-off behaviour and maximum flexibility in selecting adhesives, including those with high viscosities.

Electrical precision

Thanks to its innovative, newly developed drive technology, the PXH 1000 electromagnetic applicator is absolutely on par with its pneumatic counterparts in terms of power and performance. Adhesives usually considered critical due to their viscosity or other properties can now be processed reliably, under controlled conditions and without compromising on quality.

Heavy-duty and durable for maximum availability

The PXH 1000 not only boasts excellent performance and precision, it also has an extraordinarily long service life. With a lifespan of over one billion cycles, the applicator guarantees reliable, long-term operation, even under demanding production conditions.

The advantages – minimised wear, a reduced need for spare parts and maximum machine availability during periods of extended operation – reduce machine downtime, but also significantly cut operating costs.

Lower temperature, lower pressure – Greater efficiency

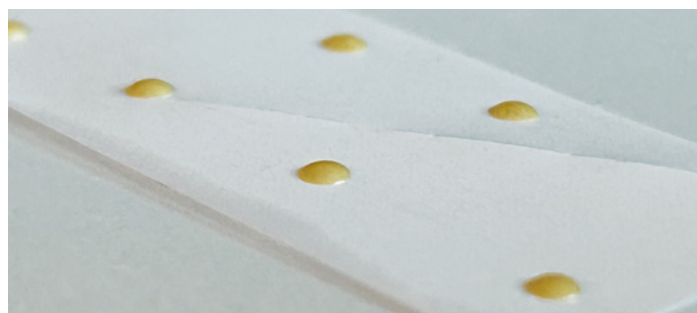
Another special advantage is the increased force of the applicator: It makes it possible to apply adhesives at low processing temperatures without affecting the quality of application. At the same time, the powerful applicator reduces the necessary system pressure, meaning that less energy is required to convey and heat the adhesive.

Sustainability that pays

The results are a significant reduction in operating costs, less wear and tear on system components and a measurable improvement in process sustainability. The new equipment reduces the burden on the environment and the ecological footprint of packaging products – a factor of growing importance in many sectors.

Technology backed by years of experience

- Switching frequency of up to 450 Hz
- Clean, precise cut-off, even with high-viscosity adhesives
- Processing at a lower temperature and lower pump pressure
- Reduced energy consumption and greater sustainability
- Durable, low-maintenance, industry-tested



Flawless adhesive application

Proven in use – Ready for the future

The PXH 1000 has already become established in tobacco packaging and is setting new standards in performance, precision and cost-efficiency.

It is based on over 30 years of experience in developing electric hot melt application heads – expertise that has made Baumer hhs the technology leader in this segment.

PXH 1000 – Electric adhesive application. Re-engineered. More powerful than ever.

Technical data

Data	Value
Temperature range	0–200 °C
Adhesive viscosity, maximum	7000 mPa·s
Temperature monitoring	PT 100
Excess temperature protection	230±10 °C
Connection	Xmelt-plug
Hose connection	1/2" UNF
Maximum permissible adhesive pressure	80 bar
Switch frequency, maximum*	450 Hz
Mount	M10×1
Protection class (DIN EN 60529)	54 IP
A-weighted emission sound pressure level	<70 dB(A)

* Depending on the adhesive

