

tesla go

hhs
Baumer Group

The compact solution in end-of-line packaging.
More efficient, more durable, more reliable and
compatible with most hot melt systems.



Xmelt

for use with
non-hhs systems

Let's stick together



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tesla go – the innovative application head, suitable for operation with 24 V (PLC)

The tesla go is a world first and revolutionises hot melt application. The electromagnetic hot melt application head replaces the electropneumatic hot melt application heads commonly found on the market to date – by simply switching the heads on existing machines. The numerous benefits of tesla go can easily be integrated in the regular production process without making any major investments.

Cutting costs

The use of tesla go leads to a marked reduction in production costs: in the short term by eliminating the need for extremely expensive compressed air, and in the medium term through its longer service life with up to 1 billion switching operations and the associated savings on servicing costs. In addition to which, the plug-in connection means that the modules are easily detached.

Improving health and safety

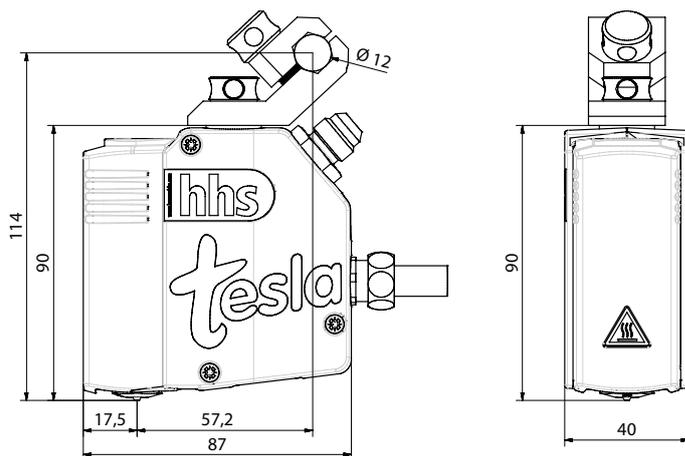
Elimination of the compressed-air supply greatly improves industrial safety. The noise level on the machine is dramatically reduced in comparison with an electropneumatic hot melt application head. The compact design of tesla go means there are no projecting contours, and tiresome compressed-air lines are no longer needed. The head is very large insulated, minimising the risk of operators burning themselves. The integrated temperature switch automatically shuts off the head at unacceptably high temperatures, switching it back on when the permissible temperature is reached. That improves the safety of the operators and reliability of the machine and your components.

Revolutionary technology for time-proven quality

tesla go is a synthesis of time-proven Baumer hhs quality in the high-end segment and innovative engineering, tailored to the special demands in end-of-line packaging.

Your advantages with tesla go

- Electromagnetic hot melt application head for glue beads and dots
- Up to 10 times longer service life, compared to electropneumatic hot melt application heads
- Reduction of operating noise by 30 dB – compared to electropneumatic hot melt application heads – to 65 dB
- Cost savings through elimination of the compressed-air supply
- Suitable for use with non-hhs systems
- with a commercially available PLC
- Plug-in module
- Compact design
- Thermal insulation
- Integrated overtemperature cut-out
- Less adhesive is required for dot application



*Dimensions in millimetres



Plug for use with non-hhs systems



tesla go with open module insulation

tesla
go

Technical data tesla go

Specification	Value
Temperature range	0...200 °C
Operating voltage, head	24VDC (25W)
Operating voltage, heating	230 V
Temperature monitor	Ni 120
Switching frequency	135 Hz
Connection	Plug for use with non-hhs systems
Hose connections	9/16-18 UNF
Adhesive pressure	80 bar
Adhesive viscosity	max. 5000 m Pa.s
Noise emission	65 dB

Mounting

Top cover plate with M10x1 thread
* Optionally with clamp-type bracket

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