



aerto
pro

The latest generation of electro-pneumatic hot melt application heads. Fast and powerful.

aerto pro – the electropneumatic hot melt application head for bead and dot application

The powerful, dependable aerto pro application head has a slim design and can even apply dots in places where other heads only allow beads. The workmanship and the high-quality materials permit a long service life of 150 million switching cycles.

Combination of power and speed

The extremely powerful module with innovative sealing technology offers dependable operation, simple maintenance and high cycle rates with perfect adhesive cut-off. The aerto pro application head makes it possible to process a far wider range of adhesives. Even the most difficult special adhesives, used on high-speed packaging and finishing machines, are applied virtually without stringing in both dot and line mode.

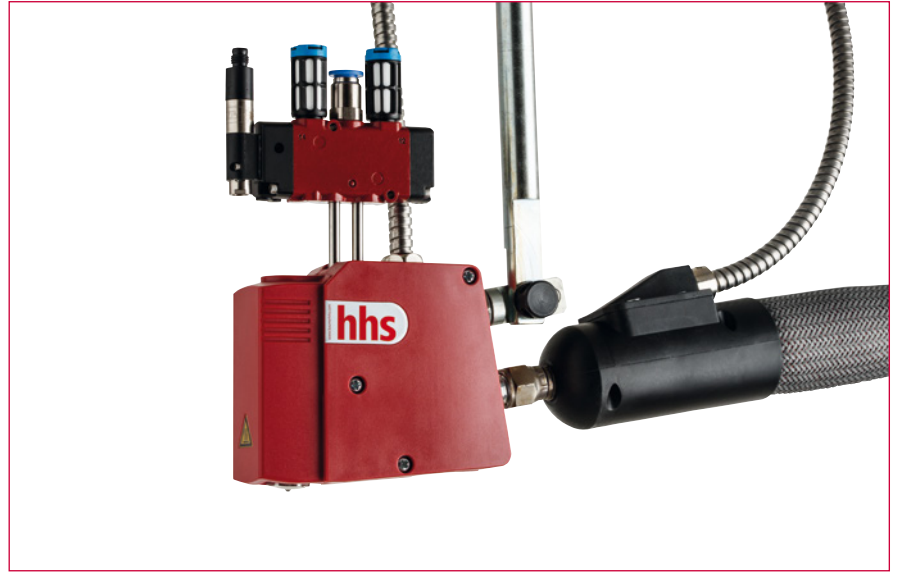
Health and safety

The application head is very largely insulated, minimising the risk of operators burning themselves. An overtemperature switch shuts off the head's heater in the event of a fault.

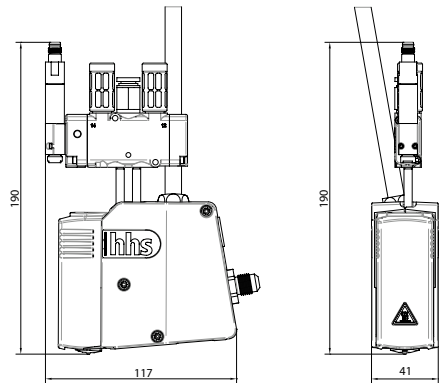
The aerto pro head was certified to IP54 by an independent testing agency.

aerto pro

- Precision glue application in dot and line mode
- Reduced downtime due to the use of high-quality materials and workmanship in the manufacture of the application head, resulting in high reliability
- No production waste due to reliable glue application, even on the first carton
- Low maintenance cost due to innovative seal design



- Low maintenance cost due to optimised heat distribution to avoid hot spots
- Nozzle opens and closes pneumatically
- Low maintenance cost and reduced downtime due to easily replaceable valve and filter
- Hard-to-process glues can be used due to virtually string-free cut-off properties, even in high-speed intermittent application
- Wide range of glue viscosities up to 60,000 mPas can be used due to pneumatic head actuation
- High productivity as the head does not limit the machine speed, the head being capable of applying dots up to 350 times per second
- No restriction on carton design or application solution, since the head is of modular design, allowing multi-head construction
- Can be fitted to existing systems with Baumer hhs controller



Technical Data

Model	Temperature range	Operating voltage, heater	Temperature monitoring	Switching frequency*	Connection	Hose connections	Adhesive pressure	Adhesive viscosity	Control air	Mounting	Noise level
aerto pro	0...200 °C	Xmelt-controlled	Pt 100	350**/280 Hz or 21,000***/16,000 cycles/min.	15-pin Xmelt plug	1/2" UNF	80 bar	Max. 60,000 mPa.s	5.5...6.5 bar, oil-free, dry	Via M10x1 thread	90.3 dB 82 dB***

* Depending on nozzle size, adhesive and pressure

** Not in continuous operation

*** With sound protection

For further advantages and information on Xmelt® InterActive technology, go to www.baumerhhs.com



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