

aerto pro

hhs
Baumer Group

The latest generation of electropneumatic hot melt application heads. Fast and powerful.



Xmelt
aerto
pro



Let's stick together

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

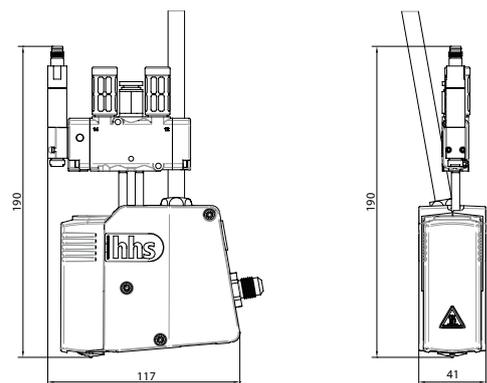
The powerful, dependable aerto pro application head has a slim design and can even apply dots in places where other heads only allow beads. The workmanship and the high-quality materials permit a long service life of 150 million switching cycles.

Combination of power and speed

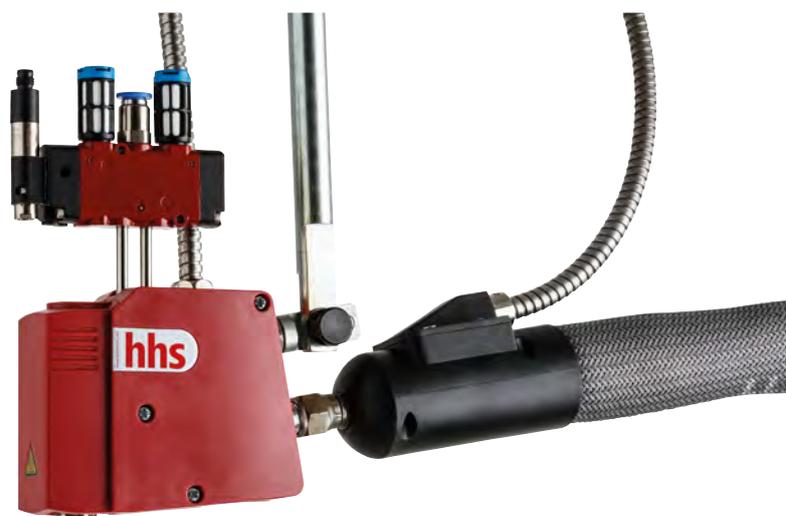
The extremely powerful module with innovative sealing technology offers dependable operation, simple maintenance and high cycle rates with perfect adhesive cut-off. The aerto pro application head makes it possible to process a far wider range of adhesives. Even the most difficult special adhesives, used 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.



Technical drawing



Your advantages with aerto pro

- Precise glue application in dot and line mode
- High reliability, minimal downtime, and no production waste on the first carton due to quality materials
- Easy maintenance due to replaceable valves & filters
- Wide range of glue viscosities up to 60.000 mPa.s
- Switching frequency up to 350Hz
- Tailing free application
- Low maintenance cost due to innovative seal design
- Hard-to-process glues can be used due to virtually string-free cut-off properties, even in high-speed intermittent application
- Can be fitted to existing systems with Baumer hhs controller

Technical Data Xmelt aerto pro

| Parameter | Value |
|---------------------------|---|
| Temperature range | 0...200 °C |
| Operating voltage/ Output | Xmelt controlled |
| Temperature monitoring | Pt 100 |
| Switching frequency* | 350**/280 Hz or 21,000** / 16,000 cycles/min. |
| Connection | 15-pin Xmelt plug |
| Hose connection | 1/2" UNF |
| Adhesive pressure | 80 bar |
| Adhesive viscosity | max. 60.000 mPa.s |
| Control air | 5.5...6.5 bar, oil-free, dry |
| Mounting | Via M10x1 thread |
| Noise level** | 82 dB*** |

*Depending on nozzle size, adhesive and pressure

** Not in continuous operation

*** With sound protection