



green
GLUING

SEMPRE 6

Cold Glue Jetting Heads
Fast | precise | compact

COMPACT APPLICATION HEAD FOR FAST-PACED APPLICATIONS

The electrically driven Sempre 6 cold glue application head is designed for contact-free application in dot, bead, and continuous patterns of low-viscosity dispersion adhesives. With its precise adhesive application and high switching frequencies, it is ideal for applications in the graphical industry, as in folding machines and mailers. Thanks to its compact installation dimensions, it can be easily and flexibly integrated.

Fast and Precise

The Sempre 6 ensures precise dot application with short distances even at high machine speeds. Furthermore, the optimized nozzle geometry ensures excellent cut-off behavior. The integrated stroke adjustment with scale ensures precise and repeatable fine adjustment of the adhesive amount.

Durable and Efficient

The robust stainless steel design ensures a long service life and simplifies maintenance. Additionally, the vertical adhesive delivery from inlet to outlet reduces the mechanical stress on

the adhesive within the application head. The optional CleanStart nozzle cover prevents adhesive drying at the nozzle outlet. This function supports a fast start up after an extended interruption and minimizes the cleaning effort. The application head can be purged near the head for testing or cleaning purposes using an optional manual pushbutton.

Your Advantages

- Increased efficiency and productivity through fast start up and minimum maintenance effort
- Improved product quality through precise and clean adhesive application at high machine speeds
- Flexible integration thanks to a compact and narrow design and modularity
- Precise fine adjustment of the adhesive amount through integrated stroke adjustment
- No adhesive drying nozzle outlet through optional CleanStart function
- Fast function tests thanks to an optional manual pushbutton, easy to retrofit



TECHNICAL DATA

Adhesive pressure	Max. 6 bar
Adhesive	Dispersion adhesives D1 and D2
Adhesive viscosity	Max. 500 mPas
Operating cycles	1,000 million
Switching frequency	Max. 1 000 Hz
Adhesive port	Ø 6 mm
Adhesive outlet	0.5 ms
Nozzle diameter	0.2 - 1.0 mm
Supply voltage	6 VDC
Electrical power	18 W
Actuation	AS 50 or AS 60 pattern control
Degree of protection	IP54