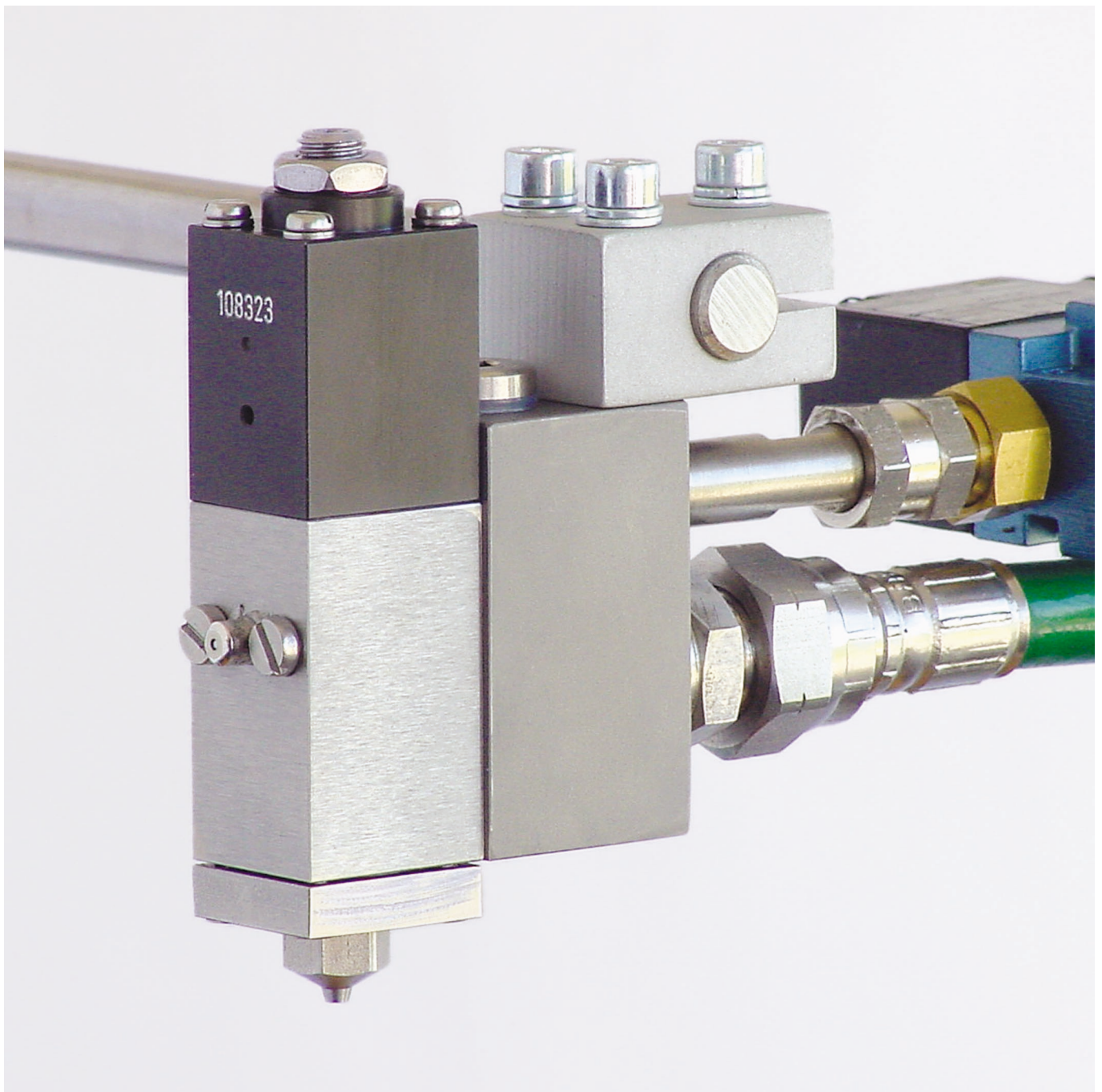


ACX 100 Series

Applicator heads for coldglue

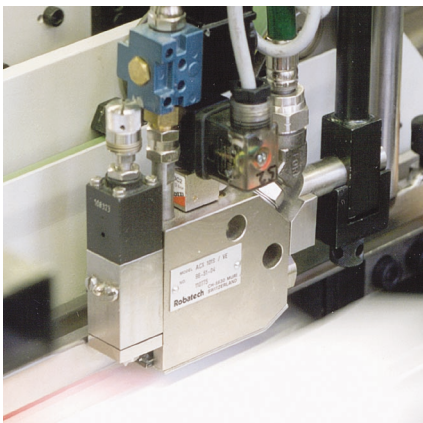
For the application without contact of coldglues in the low- to medium-viscosity range at a high system pressure. For precise dot and line applications as required in the packaging, printing and cardboard processing industries.



Applications

The applicator heads of the »ACX 100« series are suitable for the application without contact of low- to medium-viscosity dispersion-type and other coldglues. They process adhesives with viscosities of up to 5,000 mPas at an operating pressure of maximum 100 bar.

The coldglue heads enable precise dot and line applications and are primarily used in the packaging, printing and paper processing industries. The application spectrum reaches from the glueing of folding boxes and cardboard articles over the glueing-in of cards and product samples to forms, mailings as well as the production of construction elements, etc.



ACX101 VE with nozzle cover slide

Design

The ACX heads are robust, electro-pneumatically actuated applicator heads of a largely modular design. They consist of a supply part which takes care of the glue and air supply, and one or several jetting elements which apply the coldglue. All parts coming into contact with the adhesive are made of stainless steel or coated aluminium. This means that aqueous adhesives or types containing solvents can

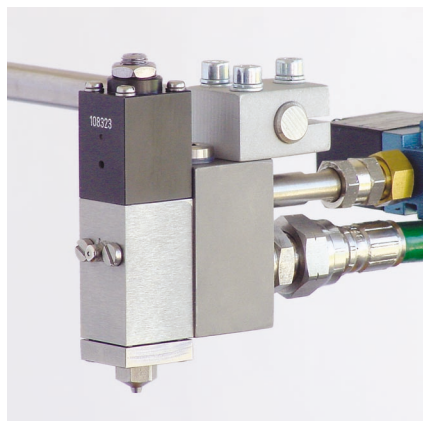
also be processed. The heads are of a very slim execution which makes them suitable for use in tight spaces.

Function

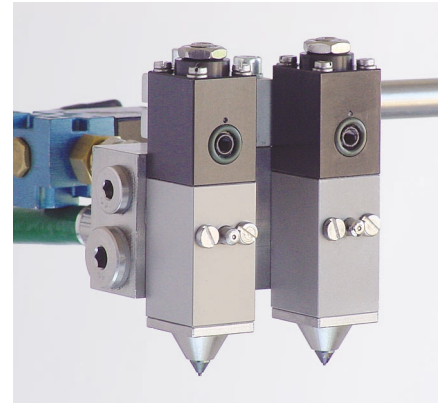
The adhesive is fed to the supply part by a pump or from a pressurized container. Glue application is effected through the jetting element. In resting position the glue exit is shut off by the valve pin under spring force. Glue can only leave the applicator head when compressed air lifts the valve pin off its seat.

Jetting elements

The jetting elements are available in two versions. Type 296 features a spherical valve tip. Different nozzles can be screwed onto this jetting element. A cover slide is required to ensure that the glue does not dry out and solidify. Jetting elements of type NV, on the other hand, are equipped with a pin-shaped valve tip which shuts off the glue exit at the delivery edge. This means that no cover slide is required for NV elements.



ACX101 with jetting element type 296



ACX102 with jetting elements type NV

Technical data

Working pressure	max. 100 bar
Glue viscosity	max. 5'000 mPas
Switching pulses	max. 80 / sec
Nozzle diameters	296: 0.3...2.0 mm
	NV: 0.2...0.8 mm
Air supply	5 bar
Air connection	1/8" thread
Glue connection	1/4" thread
Material	Stainless steel

Advantages

- Precise glue application
- Compact, slim execution
- High switching frequencies
- Suitable for high-speed applications
- Quantity to be applied is adjustable

Robatech AG
 Pilatusring 10
 CH-5630 Muri / Switzerland
 Phone +41 56 675 77 00
 Fax +41 56 675 77 01
 Email info@robatech.ch
 Internet www.robatech.com