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## Sift-Proof application system For sift-proof folding boxes

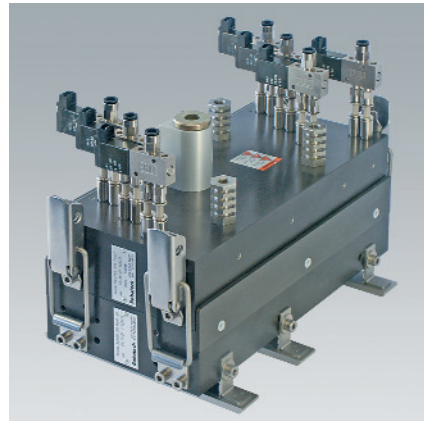
**Robatech**  
Glueing Technology

Hotmelt applicator heads for the production of sift-proof folding boxes. Precise adhesive application without stringing, also at high speeds. With a unique system for a rapid and simple format change.



## Application

The applicator head enables the production of sift-proof folding boxes for detergent powders, salt, animal feed and other free-flowing products in powder form. Several lines of beads next to each other are applied precisely onto the folding box, resulting in full-surface and tight glueing when the flap is pressed into position. The cost-effective sift-proof glueing method permits to replace conventional packs featuring heat-sealed inner bags, liners or protective films.



*Modular applicator head for sift-proof glueing*



*Minimal contamination on base glueing*

## Precise glue application

The applicator head for sift-proof glueing enables the precise and reliable glueing of all conventional carton sizes. Short reaction times mean that higher speeds and a reduced glue consumption can be achieved. Exact metering prevents contamination due to stringing, i.e. the maintenance effort is lower and the equipment's availability is improved.

## Fast format change

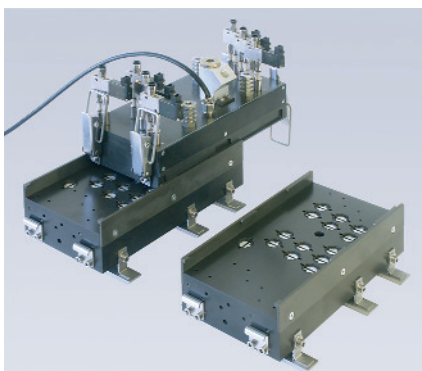
The most varied folding boxes can be glued and thanks to the module blocks it is possible to change the format within two minutes without using any tools.

## Benefits

- Cost savings thanks to a reduction of the packaging material
- Less cleaning required, better availability thanks to precise glue application without stringing
- Simple and faster format change without tools
- Increased speed thanks to short reaction time



*Filter at the inlet prevents blocked nozzles*



*Simple format change thanks to quick-action locks*

## Technical data

|                     |  |
|---------------------|--|
| Application widths  | For all usual box sizes                                |
| Adhesive pressure   | max. 72 bar  |
| Adhesive viscosity  | 500...2000 mPas  |
| Temperature range   | 50...185° C or 122...365° F                            |
| Temperature control | with NTC sensor, accuracy $\pm 0.5^\circ$ C            |
| Nozzle types        | Single-hole and two-hole nozzles, hole spacing 3.66 mm |
| Nozzle diameters    | 0.30 and 0.25 mm, channel length 2.5 mm                |
| Operating voltage   | 200...240 Volt AC, 50/60 Hz, 1000 Watt                 |
| Air pressure supply | 5...6 bar, dry, cleaned, not oiled                     |
| Bracket             | Mounting bolts with M8 tap holes                       |

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