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Sift-Proof application system
for Sift-Proof folding boxes



Sift-Proof

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 gluing when the flap is pressed into position. The cost-effective Sift-Proof gluing method permits to replace conventional packs featuring heat-sealed inner bags, liners or protective films.

Precise glue application

The applicator head for Sift-Proof gluing enables the precise and reliable gluing 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

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 ± 0.5° 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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