

CBS

Cap Bonding System



innovative · reliable · leading

poly-clip[®]
SYSTEM

- Automatic mounting of clip-tube® attachments
- For small packages starting at 50 ml with a diameter of 18 to 50 mm
- For multiple food and non-food applications
- Modular design
- A single comprehensive solution for your product in combination with the TSCA

Applications

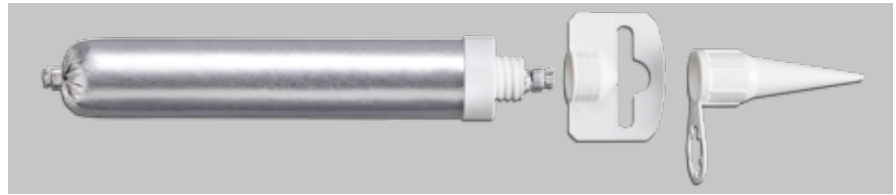
The Cap Bonding System CBS fastens threaded end pieces on to the clip-pak® packaging units, which can be fitted with nozzles and closures. clip-pak®s are tubular packages clipped on each end – a cost-effective packaging solution with minimal use of materials. With its modular set up, the CBS bonds the threaded end piece to the clip-pak® and can screw on several attachments forming a clip-tube®, e.g. end caps, peg-board/Euro hanger caps or extrusion nozzles.

Advantages clip-tube®

- Particularly suitable for viscous products such as sealants and glues
- Ideal for the DIY (do-it-yourself) business with small packages starting at 30 ml
- The packaging can be dispensed manually with no additional device
- Cost-effective alternative to tubes and less waste
- Winner of the German Packaging Award 2012

Advantages CBS

- Automatic, self-monitoring processes
- Product variety with a diameter range from 18 to 50 mm
- Up to eight work stations are possible
- Electrically driven rotary disc with 16 collets



One possible combination of attachments applied by the CBS: re-sealable clip-tube® with threaded end piece, screw cap with Euro hanger and extrusion nozzle

- Easy conversion to different product diameters and lengths by quick replacement of the collets
- Speed adapts automatically to the TSCA
- Process reliability, integrated controls monitoring the mounting process
- Continuous production – oscillating bowl feeder on stations two through seven ensures attachments are separated and correctly positioned
- Central display, movable for reliable process control
- Simple navigation through easy touch panel
- Program management of product-specific parameters
- Ethernet interface for data logging, remote maintenance and diagnoses
- Safety and hygiene – through corrosion-free materials and integrated safety covers

Optional equipment

- Product discharge via conveyor belt
- Further work stations and oscillating bowl feeders adapted to quantity and application

Function and operation

PLC controlled and servo driven, the CBS consists of a rotating disc and up to eight work stations. The clip-pak® is conveyed horizontally from the TSCA to the CBS. Each clip-pak® is then positioned vertically and fixed in the collet. Program controlled, the rotating disc transfers the package to the corresponding work station. At each work station, a single component is attached

on to the clip-pak® thus forming a clip-tube®. The modular design allows variable functions on stations three through eight.

Technical data

Width:	approx. 3,200 mm
Depth:	approx. 2,500 mm
Height:	approx. 2,200 mm
Weight:	1,700 kg
Three phase current connection:	380-460 VAC, 50/60 Hz
Power input:	7.5 kW
Fuse connection:	32 A
Compressed air:	6-10 bar/0.6-1.0 MPa
Air consumption:	700 NL/cycle