CBS

Cap Bonding System

The alternative to tube

- 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

Why work with CBS?

The 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, pegboard/Euro hanger caps or extrusion nozzles.

Advantages CBS

- Complete system designed and built to the customer's specification and adjusted to suit the level of production automation
- Automatic, self-monitoring processes
- Product variety within a diameter range from 18 to 50 mm
- Up to eight work stations are possible
- Electrically driven rotary disc with 16 collets
- 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 – oscil-

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lating bowl feeder on stations two through seven ensures attachements 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

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 50 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

Quality and hygiene

- Safety and hygiene – due to corrosion-free materials and integrated safety doors

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.

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

Technical data

Width	3,200 mm
Depth	2,500 mm
Height	2,200 mm
Weight	1,700 kg
Three-phase current connection	200–240 VAC, 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

Dimensions, weight and consumption values vary depending on the equipment and/or machine configuration.

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Poly-clip System GmbH & Co. KG

Excellence in Clipping

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