ATN

PASSION FOR TECHNOLOGY

EVD 850 Hot Butyl

Dosing Unit for the Application of Hotbutyl with Vision System Coherix

Dosing Unit EVD 850 HB

3D vizualisation technology for a trouble-free process flow
© Coherix

Functional description

The EVD 850 Dosing Unit guarantees a preciseley defined application of Hot Butyls with temperatures up to 180° C. The dosing principle is based on our EVD-series. This dosing system is specially designed for the application of Hot Butyl in the field of battery assembly and electric mobility.

Coherix 3D X185

The quality of adhesive application in the production process is crucial for meeting the industry's high quality standards. By measuring height, width, position and volume with Coherix, the gluing and dispensing process is freed from possible errors and the application of too much or too little material is prevented.

The adhesive bead inspection with the help of Coherix is mounted around the application nozzle. The sensor is equipped with four high-speed 3D sensors that provide a 360° view of the bead in any application direction.

Product characteristics

- ✓ Our robust and wear-resistant application technology ensures optimum processing of Hot Butyles at temperatures of up to 180° C
- ✓ Special anodised surfaces of our dosing units increase their durability and improve wear behaviour
- ✓ Net Volume of 850 cm^3 with a maximum flow rate of 77 cm^3/s
- ✓ Extendable to a dual dosing system for endless application
- ✓ Mountable on a stationary application tower or on an industrial robot for higher flexibility
- ✓ Easy maintain due to separate material and drive chamber
- ✓ Fully heatable products from the drum pump to the applicator increase process stability
- ✓ Optionally extendable with Vision Systems like Coherix 3D X135 to ensure a high quality of Hotbutyl Applications

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