



green
GLUING

PAPER CARRIER BAGS

Reliable cold glue application for efficient manufacturing.

PAPERIZATION MADE EASY

The demand for easy-to-recycle carrier bags presents many packaging manufacturers with new challenges. Plastic or plasticized materials are increasingly being replaced by paper. As a result, part of the production process has to be changed: hot melt adhesive application is therefore being replaced by cold glue application.

Produce paper carrier bags with cold glue

Cold glue is an adhesive that penetrates the paper and is heat-resistant. The bond created is reliable and irreversible, making it ideal for the production of paper carrier bags and flat handles.

Presto for all application widths

The Presto coating head allows all application widths to be realized in the gluing process: whether narrow widths on kraft paper or wide widths on the paper web. If required, Presto can also be used for the side gluing of paper carrier bags. The electric coating head works quietly and quickly, and delivers a precise cut-off along with exact edge definition. Its high-quality application allows kraft paper to be saved, as the usual safety margins can be eliminated. This prevents excessively protruding paper edges on the inside of the bag.

Sempre for reliable bead application

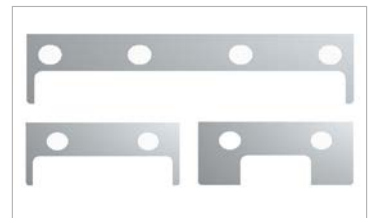
The Sempre electric jetting head ensures precise and stable gluing of the flat handle, base and side. The amount of adhesive applied is set precisely by means of a material pressure regulator and the stroke adjustment integrated in the application head. This prevents the adhesive from leaking beyond the edges of the paper.

Advantages

- Only two application head types for all gluing stations: makes spare parts storage, training, and maintenance easier
- Electrically operated application heads: quiet operation, long service life of up to 1 billion operating cycles, exact edge definition and precisecut-off, low installation and operating costs
- Easy adjustment of coating width with quick-change masks
- Reduced space requirement due to narrow, compact design of application heads
- Easy system integration: Control of the application heads via PLC up to max. 15 bar or via control unit up to max. 30 bar adhesive pressure



Presto as multiple head up to 165 mm application width



Masks can be used to vary the application width



Sempre for bead application for bottom and side gluing



- 1 Flat handle coating
- 2 Kraft paper bead application
- 3 Paper web coating
- 4 Side bead application /coating
- 5 Bottom bead application

Stations in cold glue application for paper carrier bag production