



End-of-Line Handle and frame bonding

Application description



End-of-Line Handle and frame bonding

Market situation

Packaging is continually being optimised and adjusted to increase customer satisfaction. Customers find handles particularly useful.

Adhesive application

Attaching handles with adhesive is not normally difficult. With this project, however, the challenge concerned the material surface and applying adhesive during an acceleration phase in the packaging machine.

It is generally difficult to apply an exact coating onto a corrugated board surface. However, Baumer hhs was able to generate a very even application thanks to the application head's special design and tailored holder. The specially developed control unit allows the glue to be applied perfectly, including during the acceleration phase.

The system consists of four coating heads that are in contact with and apply adhesive to the reinforcement and flap attachment areas.

Using a system configuration tailored for the application, Baumer hhs was able to separate itself from the competition and won the contract to equip multiple machines.

This project also involved applying adhesive to reinforcing frames which can be glued perfectly with our system.



An overview of the advantages

- Coating application, even on difficult surfaces
- Special application head design
- Glue application even during the acceleration phase
- Contact application