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SUSTAINABLE GLUING IN PACKAGING PRODUCTION - INDUSTRY TRENDS

After a brief introduction to Baumer hhs GmbH, this presentation highlights the increasing importance of sustainability in the packaging industry and its impact on the gluing process. It discusses the current challenges and opportunities regarding the application technology of increasingly sustainable adhesives. Additionally, it presents the latest developments in contactless adhesive application, which bring both efficiency improvements and energy and adhesive savings. Moreover, innovative approaches to condition monitoring and quality control are examined, enabling precise monitoring and assurance of gluing quality. This forms the thematic basis for the research project SUGRA (Sustainable Gluing with Renewable Adhesives), supported by the Fachschaft Nachwachsende Rohstoffe e.V..

This presentation offers a comprehensive overview of current trends and best practices from the hhs Solution Center to enable sustainable gluing solutions in packaging production.