

Accurate application and maximum functionality

GK Sondermaschinenbau GmbH integrates Print & Apply System XPA 93x with customized applicator from NOVEXX Solutions for labeling tubular bags

BACKGROUND

The German machinery manufacturer GKS develops and sells packaging as well as special machines for the food, cosmetics, and pharmaceutical industries. With its individual and customized equipment, GKS offers complete solutions that exceed the common standards which are available on the market. Due to their extensive know-how, decades of experience as well as professionalism in development, they are considered as one of the specialists in the industry. From consulting, planning, project engineering, and design, to manufacturing and automation, GKS delivers complete ready-to-use systems that are already used by well-known companies worldwide. NOVEXX Solutions and GKS collaborated for the first time with this project.

CHALLENGE

GKS was asked to manufacture a customized tubular bag and its labelling. The challenge was to apply the label precisely to the narrow side of the tubular bag and to wrap the overhanging wings around the bag afterwards.



The reason for the exact positioning was firstly the functionality of the label and secondly the design of the bag.

A plastic stick has been integrated inside the tubular bag. This helps to stabilize the narrow side, for the application of the label and included a prefabricated hole which is used as a puncture point for analyzers. The label should be clearly visible from the outside.

SOLUTION

NOVEXX Solutions was able to offer the XPA 93x Print & Apply system and a specially developed applicator for this project.

The XPA 93x impressed with its enormous reliability, perfect print image as well as its effortless integration into the overall system. With the help of this system, GKS was able to provide the best possible indication for the insertion point to 100%.

For the precise application of the label on the tubular bag, a special applicator was developed. This applicator ensures the exact positioning as well as the „folding“ function. The operation of this applicator can be described as follows:

The applicator pad of the saloon door flips inward as it hits the center of the bag, and the two „doors“ of the pad strip the outer sides of the label onto the bag.



[View video](#)

„The installation [of the system] was very self-explanatory & smooth. The service during commissioning was very good & professional.“

Enrico Tanneberger, Technical Manager
GKS SONDERMASCHINENBAU

