

MULTIPLE SEED BAG LABELING

Masterprint developed a high performance solution with Print & Apply and Labeling Systems from NOVEXX Solutions

BACKGROUND

Masterprint Kft., a Hungarian partner of NOVEXX Solutions, developed an automated system for labeling seed bags. Their customer is one of the leading seed manufacturers and produces around 1 million bags with seeds per year. Masterprint is an official partner of NOVEXX Solutions for 8 years. During this time many successful projects got realized and implemented.

THE CHALLENGE

The customer wanted to improve the labeling performance and needed an accurate, fast, and automated identification process for a variety of bags. The goal was to create a solution with completely automated process for multiple identification steps. As output, the bags should have labels with all required information.

THE SOLUTION

For an automated identification solution Masterprint developed a complete system including automatic baginfeed, conveyors, sensors, etc. To receive a perfect result within the fast process Masterprint included different Print & Apply Systems and Labelers from NOVEXX Solutions.

In the first labeling step, a pre-printed booklet label is applied by an XLS 206 Labeler from NOVEXX Solutions.

This industrial labeler, part of a large portfolio of labeler models, applies decorative and informative labels up to 160 mm width.

The second step in the identification process is about printing & applying a label of strict accountability. An ALX 735 Print & Apply System prints additional variable data on a pre-printed label and applies it to the bag. The ALX 735 provides an outstanding print quality besides the intelligent altering data management for various information. Other leading features of the ALX 735 include a print speed up to 400 mm/sec and the Ribbon Save function to reduce ribbon consumption.

In the last identification step, the bags receive three further labels: first a design label that is applied in 90° rotation to the running direction of the bags. This is done by a XLS 206 Labeler with an applicator. Two additional XLS 206 Labelers follow with applying additional design and booklet labels.

By using the high-quality Labelers and Print & Apply Systems from NOVEXX Solutions, Masterprint developed a complete automated identification line that labels up to 1,500 bags within an hour.

Here you can find a video of this solution:

https://youtu.be/d_OFXxKVuEg

