

Sustainable pallet securing and identification in one step

With identification systems from NOVEXX Solutions, bornbinder® and eurapack are developing a solution that is both labeling and securing pallets

BACKGROUND

Since 1961, bornbinder & eurapack develop, plan, and build innovative machines and entire packaging systems in the field of pallet securing. More than 40 years ago, the founders developed a pallet securing system with twine, which quickly became the standard in the beverage industry, as the twine is much more sustainable and economical than other packaging materials.

The production and development of the machines are carried out by the company born. Eurapack is responsible for sales, project management and service & maintenance. Bornbinder and eurapack have been relying on printing and labeling technology from NOVEXX Solutions for over 10 years. The German manufacturer from the north of Munich not only convinces with a particularly high product quality and fast availability of the products. Customer requests are also met with the best advice and excellent service.

THE CHALLENGE

Pallets should be able to be marked and secured at the same time – preferably in a cost-effective and sustainable way.

The production of unnecessary waste through expensive PE films should be eliminated and the securing material should be able to be reused for the return transport of the empties.

Another advantage of the labeling-securing combination should be the time saving.

Highest availability and low maintenance costs were the goal.

THE SOLUTION

Thanks to the bornbinder pallet labeling device PES, pallets can now be clearly and unmistakably marked using a twine without labels being glued to boxes or pallet shipments.



The system consists of a high-quality label printer from NOVEXX Solutions with knife, US1 interface and additional display. This robust label printer is very suitable for the application, especially due to the print head and the film saving function. Labels in A5 format are printed with it and securely attached to the twine with special pliers directly during strapping.

With the PES pallet labelers, one- to three-sided labeling is possible and up to 140 pallets per hour can be secured and labeled.

The robust, simple, and very durable design of the labeler ensures maximum availability, even in continuous operation.

The machine is very easy to operate, does not require permanent operating personnel and can be attached to any conveyor.

The height of the machine can be infinitely adjusted, and thus easily adapted to any stack height.

Further advantages:

- Environmentally friendly, cost-effective consumable material, no waste of expensive PE films
- No sticky boxes or labels sticking to the bottom
- Paper labels are removable from the twist without damage and the labels can be reused in picking
- The elastic twist can also be reused, removed as a whole ring, and used for the return transport of empties

The tailor-made labeling software guarantees a smooth connection to different production planning and control systems (PPS). This software creates the labels GS1 conform and monitors that no duplicate SSCCs are printed.

"By integrating NOVEXX Solutions products, we are able to offer customized and high-quality labeling solutions that guarantee maximum availability."

Reto Hofer,
Managing Director Born Schweiz AG

