

# Innovative labelling system for glass pallets

Uwe Jonkmanns describes a system developed to track information for pallets from the palletiser onwards. Distinguished by low material costs, it has already been sold to several customers.

To prove the quality of glass bottles on a pallet, the pallet has to be labelled from the palletising process onwards. A recently announced labelling system from MSK offers a fully automated solution that can be adapted to the glass palletiser.

There are not many solutions that are suitable for pallets with plastic trays as well. Several systems have already been sold, offering low

material consumption costs due to the use of standard copy paper to label, as well as good readability at the side of the pallet. It can be retrofitted to existing palletising systems without problem.

## UNIVERSAL USE

The labeller processes pallets with varying sizes and heights and makes a reading check immediately after applying the label by scanning the

barcode. What is so special about this system is that the label can also be applied to pallets with plastic trays, in a way that the label is readable at the side. The system is solidly built and requires only limited space. It can process preprinted labels, as well as creating labels itself by printing the information needed.

## INTEGRATED SOFTWARE

More and more, a high degree of automation is the basis for production efficiency and what is becoming increasingly important is the exchange of information between various system controls. With the visualisation software MSK EMSY - integrated in such an information structure - the complete cold end can be controlled and monitored.

Information from various peripheral devices, such as labellers or barcode scanners is retrieved and edited by EMSY and can be forwarded to MES or ERP systems. Conversely, information can be despatched by EMSY to peripheral devices. As software developments have been realised 100% in-house, MSK can tailor the system to individual needs.

## SHRINKWRAPPING AND LOGISTICS SOLUTIONS

MSK has also announced the recent development of another machine in the field of shrinkwrapping. The company's Multitech 2010 shrink hood wrapping machine offers high capacity with up to 170 pallets per hour and is also available as a compact version with small footprint. Due to the contact-free film hooding, glass pallets with border-free packaging can be shrinkwrapped securely.

The machine also offers high flexibility for future pallet sizes by processing various dimensions with up to four different film formats or thicknesses. The machine head can be lowered to ground level so that maintenance work can be undertaken without a platform or ladders.

In combination with simple plug-in connections, spare parts such as welding strips can be exchanged more easily and faster. In addition, the use of tooth belts instead of chains makes the machine maintenance-friendly. Separately, in the area of internal logistics, MSK shuttle cars can now be fitted with inductive drive technology. ■



The MSK labelling system enables good readability at the side of the pallet by use of plastic trays.



Secure shrinkwrapping of glass pallets with border-free packaging due to the contact-free film hooding of the MSK Multitech 2010 shrinkwrapping machine.

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