

PACKING TECHNOLOGY

Tense competition requires that packaging industry uses the latest technology as effectively as possible.

Intelligent packaging is referred to a variety of implementing means as well as use. Intelligent packaging utilize, among other things, nano- technology, bio-plastics, RFID applications, holograms, conductive inks and unique digital imprints. Digital print creates content that is located on the Internet. This means that all necessary information not need to be included in the package, but some of it may be on the Internet.

Intelligent packaging may e.g. register storage temperature. Often this is necessary, for example, in order to guarantee the quality of medicines. Corrugated board is, however, still a workable material and it can also be developed to pads used in packaging. Lightweight, papers made of microfibers may rise in the future alongside corrugated board.

Automation can bring significant cost savings and improve productivity, flexibility and ergonomic benefits also in packing centers. Packaging lines can be, for example, automated and binning handled with automation. Robot cells are easily modifiable, so they are suitable for different products and packaging sizes. The machines does not necessarily have to be renewed if the product changes.

Robots re-programming is quite easy. Robots can be used, for example, for a number of different product packaging, labeling and lifting boxes.

Lähde: logistiikanmaailma.fi (luettu 24.11.2021)