

What Packaging can be.
Inspiration. Attraction. Presentation

Revolutionary New Pharma Package

Now Automated By Sigpack Systems



The changing role of pharmaceutical packaging in an increasingly competitive industry requires a new way of thinking. Based on a strategic business partnership with the globally active packaging design company BURGOPAK, Sigpack Systems meets this demand. As a result, economic system solutions, for patient friendly and regulatory compliant innovations in pack style, are now achievable with new manufacturing technologies combining with cross-functional experience and competence networks.

Innovative packaging with multiple benefits

BURGOPAK packaging design employs a patented operating system, which presents the product in a sliding tray. More than 20 million BURGOPAK boxes have been produced for a wide range of products, including mobile telephones, SIM cards and other electronic goods. One recent product launch has seen the

pack style adapted to the pharmaceutical needs of OTC pill applications.

The new BURGOPAK solution offers particular advantages for pills and capsules in blister packs. It is portable and easier to access than conventional packaging and the user leaflet is conveniently packaged with the pills. There is increased patient convenience, yet this is combined with increased safety. Fur-

thermore, the BURGOPAKs are extremely difficult to counterfeit due to the sliding mechanism.

Packed with single or double blisters, the new packs appeal to patients and also to marketers, who gain a tool for product differentiation and brand communication.

Winning packaging awards, like the OTC Marketing Award 2007 for the best new

Product differentiation
with a sliding tray



Won OTC Marketing
Award for the best
new OTC packaging
design



packaging design of the British OTC industry, demonstrate the value of this innovative packaging concept.

Automated process for the mainstream market

Due to high market demand and increasing packaging requirements in different industries, BURGOPAK decided to automate production. Sigpack Systems

has been exclusively selected as system solution provider. Patrick Heinger, CEO of BURGOPAK said: „We welcome Sigpack Systems, a renowned and reliable system partner. Automation will enable us to provide our innovative packaging for a much broader range of products at lower cost. Sigpack Systems will ensure the continued high quality.“

The real development challenge for the

BURGOPAK packaging line was to combine product and system flexibility with maximized efficiency. This challenging demand has been satisfied by using a continuous motion production concept, based on high system modularity.

First packaging line sold

Sigpack Systems decided to test technical feasibility with a Proof of Principle



Design concept for BURGOPAK production lines



Sealing station to produce innovative sliding mechanism

Continuous motion process for carton folding

High-speed assembly of product components

before completing the design of the final production line. The system modules represent the key process steps. The integrated sleeve production unit wraps a thin plastic film precisely around the basic carton material and provides the sliding mechanism. The combined, continuous motion process, for carton folding and assembly of product components, is the base for the high system efficiency. Furthermore, the feeding wheel technology, for high speed pick and place operations, linked with a flexible cross chain product infeed concept, led to the highest application flexibility. The proven core technologies of Sigpack Systems and the existing engineering

knowledge facilitated a functioning POP installation in less than six months. After POP approval, customer demonstrations have been completed and a first packaging line has been sold to start production in 2008. In addition to the high process reliability, the line demonstrates the latest standards in control and quality systems, operator friendliness and hygiene.

Future business

The combined pack style and process innovation provides new solutions for changing packaging trends in the pharmaceutical industry. The new pack style will also improve product sales, not

only for pharmaceutical customers but also in other industries such as electronics, telecommunication, multi-media or various food applications. Sigpack Systems used its leading technologies and capabilities in system engineering to create this holistic packaging solution for existing market needs and the company will continue to play a leading role to support its clients in existing industries and new business fields.

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