

New unique system for tailor-made Shaped Paper Pods

- BillerudKorsnäs and Syntegon Technology launch a joint system for Shaped Paper Pods
- With this new solution, Syntegon supplies the manufacturing equipment and BillerudKorsnäs ensures the right configuration of the 3D formable FibreForm® paper
- Together with brand owners, we develop a sustainable and completely customized packaging solution regarding design, functionality and barrier properties

With the TPU paper form, fill and seal machine from Syntegon Technology, formerly Bosch Packaging Technology, and the BillerudKorsnäs 3D formable FibreForm® paper, a new solution is born. Shaped Paper Pods is a packaging system for uniquely shaped and right-sized packaging, with a tactile feeling reflecting the brand and product content. The new sustainable solution is ideal for product samples, inserts, refills, portion packs and disposable packaging, long awaited by brand owners with high environmental ambitions.

Unique sensory experiences

The new TPU paper form, fill and seal machine forms environmentally friendly Shaped Paper Pods with a filling volume of just a few and up to 100 milliliters. The FibreForm paper is shaped by air pressure and embossed by press force. Using heat-sealing technology, the Shaped Paper Pod can be sealed with any heat-sealable lidding materials; barriers will be completely customized to customer needs. “We achieved a perfect match of technology and material for scalable packaging solutions, which creates a unique sensory experience for brand and customer interactions,” says Matthias Klauser, Sustainability Expert at Syntegon Technology, Germany.

To showcase the possibilities and the flexibility of the system, Syntegon Technology and BillerudKorsnäs have previously presented the elaborate packaging concept “Pearl”. As of now, shapes of any kind can be formed from the FibreForm paper for many various applications. “FibreForm is the natural alternative where plastic has been the norm. Allowing for up to ten times deeper embossing than regular paper, resulting in 3D effects that make an impact,” explains Simon Johansson, Project Manager at BillerudKorsnäs, Sweden.

Spreads, cookies or cosmetics - all packed in paper

The new packaging system is ideal for individual portion packs and products that would usually be packed in blisters. In addition to cosmetics or samples, Shaped Paper Pods can be used to package dry, chunky or viscous food thanks to a thin barrier layer. Be it spreads, margarine, biscuits or Advent calendars in paper trays – the new TPU paper forming machine offers manufacturers a range of filling and sealing systems for sustainable packaging at an output of up to 15,000 Shaped Paper Pods per hour.

Find out more about the new Shaped Paper Pod system at the Syntegon Technology [virtual show](#) taking place from May 7 to 13, 2020.





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Images



The new TPU paper form, fill and seal machine from Syntegon Technology shapes environmentally-friendly shaped paper pods with a filling volume of ten to 100 milliliters.



The new Shaped Paper Pod system from Syntegon Technology and BillerudKorsnäs is suitable for individual portion packs and products conventionally packed in blisters.



Syntegon Technology and BillerudKorsnäs present a joint system for Shaped Paper Pods with unique embossing and shape, e.g. for in-store campaigns or product demonstrations at an event or fair.



With the new TPU paper form, fill and seal machine from Syntegon Technology and the 3D formable FibreForm® paper from BillerudKorsnäs, shapes of any kind can be formed from paper for various food- and non-food applications.

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About Syntegon Technology

Syntegon Technology is a leading global process and packaging technology provider. Formerly the packaging division of the Bosch Group, the company, headquartered in Waiblingen (Germany), has been offering complete solutions for the pharmaceutical and food industries for over 50 years. More than 6,100 employees at 30 locations in more than 15 countries generated a total revenue of 1.3 billion euros in 2019. The portfolio of intelligent and sustainable technologies includes stand-alone machines, as well as complete systems and services. Fields of application in the pharmaceutical industry are the production, processing, filling, inspection and packaging of liquid and solid pharmaceuticals (e.g. syringes and capsules). In the food industry, the portfolio includes process technology for confectionery as well as packaging solutions for dry foods (e.g. bars, bakery products and coffee), frozen foods and dairy products. www.syntegon.com