



FIP in Lyon: NETSTAL demonstrates biodegradable packaging on all-electric high-performance machine

- Drinking cup made of KANEKA Biodegradable Polymer Green Planet™
- Production on fully electric ELION 1200-510
- Economic production of ecological packaging

(Näfels, 21.03.2022) At FIP in Lyon (April 5 to 8), NETSTAL will present an innovative thin-wall packaging application. On the fully electric ELION 1200-510, drinking cups will be produced in two cavities. NETSTAL uses KANEKA Biodegradable Polymer Green Planet™, a 100% plant-derived biopolymer, for this sustainable application.

Good prospects for packaging manufacturers: With a particularly sustainable packaging application, NETSTAL will demonstrate the high performance of its ELION series machines at the FIP in Lyon. The ECO CUP drinking cup with a volume of 0.33 l is made of 100% plant-based polymer. At the NETSTAL booth N11/M14, the ecological cup will be running on an all-electric ELION 1200-510 in a two-cavity mold from French partner SN Caulonque. The high-performance application runs with a cycle time of less than 4 seconds. "Low Energy, High Performance" has always been the motto of the successful ELION series. The proven recipe for success consists of outstanding energy efficiency, perfect precision and the high reliability that users can rely on for many years.

Thin wall packaging made from certified biodegradable biopolymer

The performance advantages of NETSTAL apply without restriction to alternative materials. KANEKA Biodegradable Polymer Green Planet™ is a 100% bio-based polymer (PHBH) produced via a revolutionary bio-fermentation process using renewable plant oils as feedstock. The polymer

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accumulated in bacteria is extracted and purified by a water-based process. KANEKA Green Planet™ grades are certified "OK home" and "OK industrial" compostable. Moreover, the material shows excellent biodegradable properties under natural conditions such as in soil and marine waters and will biodegrade into biomass, carbon dioxide, and water through the digestive process of microorganisms available in nature. Hence, selected KANEKA Green Planet™ grades are also certified "OK biodegradable soil and marine." The innovative polymer PHBH has been listed in the European Commission's regulation "no.10/2011" for all food type contact since 2019.

NETSTAL at the FIP in Lyon: Booth N11/M14

NET_FIP_IMG1.jpg

At FIP in Lyon, NETSTAL visitors will experience an all-electric ELION live in action

NET_FIP_IMG2.jpg

The drinking cup with a volume of 0.33 l is made of a 100% plant-based polymer

Photos: NETSTAL

Photos and more information can be found at

www.netstal.com

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About NETSTAL

The traditional Swiss company NETSTAL stands internationally for leading high-performance injection molding machines and system solutions. The product portfolio includes ELIOS and ELION injection molding machines with clamping forces between 800 and 10,000 kN, PET-LINE preform systems for up to 144 cavities, and application-specific turnkey system solutions from a single source. In injection molding machine manufacturing, NETSTAL is the

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technology leader with high-performance machines that stand out in the market for their maximum speed, perfect precision and maximum reliability. Strategic application fields are in the packaging and beverage industry as well as in medical technology. With profound know-how, NETSTAL supports its customers with further increases in efficiency and actively drives development in the areas of digitalization and circular economy. With 12 regional offices and around 20 independent representatives, NETSTAL is present all over the world. The NETSTAL Group employs over 500 people worldwide. The traditional NETSTAL brand goes back to the founding site of the same name in the canton of Glarus. The headquarters and only production plant have been located in the neighboring town of Näfels since 1961. NETSTAL is certified to ISO 9001:2015 (quality) and is an ISO/IEC 17025:2017 accredited calibration laboratory. NETSTAL has been part of the KraussMaffei Group since 1992.

More Information: www.netstal.com

About Kaneka Corporation

Kaneka Corporation is a leading technology-driven company headquartered in Osaka and Tokyo, Japan. Through world-class science and technology, Kaneka provides innovative products and solutions to diverse markets around the world, responding to the needs of people, society, and the global environment today and tomorrow. Aligned with the worldwide business strategy, Kaneka focuses its activities on four strategic solutions units: materials, quality of life, health care, and nutrition. Worldwide, Kaneka employs 11.500 people.

More Information: www.kaneka.co.jp/en

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