

See you at Interpack 2011 Hall 14 - Stand 14D06/D12



SMI will be presenting the new ECOBLOC® PLUS system. A compact, cost-saving and eco-friendly integrated solution!



SMI laboratories' relentless engagement in Research and Innovation projects has led to the launch of Smiform's ECOBLOC® PLUS series, featuring integrated systems of **stretch-blowing, filling/capping and labelling** of PET containers with capacity from 0.2 to 3 L, running **up to 36,000 bottles/hour** (depending on the machine model and product features).

Suitable for **bottling lines of still and carbonated drinks, milk and edible oil**, ECOBLOC® PLUS and ECOBLOC® systems (the latter not equipped with integrated labeller) stand out for:

- compact and modular frame;
- state-of-the-art technologies;
- cost-effectiveness;
- eco-friendly solutions;
- high level of hygiene and cleanliness;
- considerably lower energy consumption.

The ECOBLOC® PLUS system displayed at Interpack 2011 features a 8-cavity **stretch-blowmoulder** for the production of **0.5 L PET bottles from 11 g preforms**; the bottles are filled and capped by a 42 valves **electronic filler** using the "**baseless**" **technology** and then **labelled** with the application of adhesive sleeves. The integrated labelling unit employs the "**Adhesleeve**" **technology** by P.E. Labellers, using **adhesive sleeves with no need of hot glue application**. The whole system ensures high level of hygiene and cleanliness, as well as making cleaning and maintenance operations easier and driving down the risk of product contamination.



Why choosing Smiform ECOBLOC® PLUS!



Smiform integrated systems of stretch-blowing, filling/capping and labelling can boast several benefits in terms of cutbacks on costs, efficient use of space and reduced maintenance requirements. The **bottle transfer by direct "starwheel-to-starwheel" handover** reduces the number of machines installed, **with no need for conveyors** between the blower, the filler/capper and the labeller. The cam-controlled technology featured by the stretch-blowing module vouches for high precision and reliability. All ECOBLOC® PLUS models are equipped with an **air recovery system**, an eco-friendly technology which

allows **huge cutbacks on energy costs** and provides **up to 40% saving** on high-pressure air consumption.

The compact and ergonomic design of the ECOBLOC® PLUS integrated system are the result of hi-tech engineering solutions; likewise the **"baseless" manufacturing technology** applied on the filling and capping module leaves the area underneath the bottles completely clear, so as to **ease the operator's access** to the machine for maintenance and cleaning operations. The electronic filling process employed on ECOBLOC® PLUS **prevents any contact between the bottle and the filling valve**, thus reducing the moving mechanical parts and preserving the integrity and quality of the product.



Smiflexi end-of-line solution for top-level reliability and efficiency.



On the occasion of Interpack 2011, SMI will also be exhibiting a Smiflexi's shrinkwrapper, model SK 350 F (running up to 35 packs/minute), combined with a **Smipack's HA40 handle applicator**.

SK shrinkwrappers can run up to **450 packs/minute** (depending on the machine model and product features) and pack **a wide range of containers** in a variety of packages, so as to answer efficiently and effectively to current and future market trends. Smiflexi packers are automated and controlled by Smitec division's **MotorNet**

System®, based on a Sercos fieldbus. Such system enables the operator to monitor the whole machine operation step by step and to **switch product size and format straightaway**.

Don't miss the opportunity to discover Smigroup's latest solutions!

We look forward to meeting you at our **STAND 14D06/D12 - HALL 14** and are at your full disposal for any further info you might need.

Warmest regards.

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