

# 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.

Marketing Department  
SMI S.p.A.  
E-mail: [info@smigroup.it](mailto:info@smigroup.it)

---

SMI S.p.A. - Via Piazzalunga,30 - 24015 S.Giovanni Bianco BG - Italy - Tel.+39 0345 40111 - Fax.+39 0345 40209  
[www.smigroup.it](http://www.smigroup.it)